



ACADEMIA ROMANA
Institutul de Chimie Macromoleculara
"PETRU PONI"

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2003 – octombrie 2007

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1. **Datele de autentificare**

1.1. Denumirea: INSTITUTUL DE CHIMIE MACROMOLECULARA “Petru Poni” (ICMPP)

1.2. Statutul juridic: Institutie de cercetare-dezvoltare publica, institut in subordinea Academiei Romane

1.3. Actul de infiintare: O 611/1950, HG 197/02.03.1990

1.4. Numarul de inregistrare in Registrul potentialilor contractori: 1753

1.5. Director: Prof. Bogdan C. Simionescu, m. c. al Academiei Romane

1.6. Adresa: 700487 Iasi, Aleea Grigore Ghica Voda, nr. 41A

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e-mail: bcsimion@icmpp.ro

2. **Domeniul de specialitate**

2.1. Conform clasificarii UNESCO: 23.04; 23.06

2.2. Conform clasificarii CAEN: 7310

3. **Starea unitatii de cercetare-dezvoltare**

3.1. Misiunea unitatii de cercetare-dezvoltare, directiile de cercetare, dezvoltare, inovare:

Misiune:

- de a dezvolta cercetare fundamentala si aplicativa in domeniul polimerilor si materialelor polimere
- de a specializa prin intermediul programelor doctorale tineri cercetatori
- de a oferi servicii si consultanta partenerilor regionali si nationali
- de a produce la scara mica polimeri si materiale polimere cu utilizari specifice.

Directii de cercetare:

(i) Noi polimeri/materiale polimere (siliconi, polimeri functionali, polimeri cu rezistenta termica ridicata, polielectroliti, poliuretani, hibridi organici-anorganici, arhitecturi supramoleculare complexe, polimeri opto si electroactivi, nanomateriale); (ii) Valorificarea biomasei vegetale. Modificarea chimica a polimerilor naturali (celuloza, lignina, chitosan, dextran, pululan); (iii) Polimeri bioactivi si biocompatibili. Chimie supramoleculara (sisteme cu eliberare controlata a principiilor active biologice, interactiuni in sisteme complexe); (iv) Sisteme polimere multicomponente (proprietati in solutie si in faza solida); (v) Protectia mediului si conservarea energiei (reconditionarea solurilor poluate, recuperarea poluantilor din ape uzate).

3.2. Modul de valorificare a rezultatelor de cercetare, dezvoltare, inovare si gradul de recunoastere a acestora

Valorificare:

- publicatii (articole stiintifice in reviste de specialitate cotate ISI, reviste interne cotate ISI, reviste stiintifice necotate, carti/capitole in carti aparute/editate in tara si strainatate)
- conferinte/comunicari/postere sustinute la reuniuni stiintifice internationale/nationale
- brevete de inventie
- granturi nationale si internationale
- tehnologii transferate catre agenti economici
- produse livrate catre agenti economici
- contracte incheiate cu agenti economici
- servicii catre terti, consultanta
- teze de doctorat sustinute

Gradul de recunoastere:

- de peste 10 ani, institutul se situeaza pe prima pozitie in Romania, ca unitate de cercetare, in evaluari ISI ale vizibilitatii pe plan international
- de peste 7 ani, institutul se situeaza pe primele trei pozitii in Romania in domeniul inovarii (sectiunea cercetare/invatamant)
- conform clasificarii AdAstra (www.ad-astra.ro/cartea-lba/authors.php?order=impact&topic_id=UY), din primele 100 pozitii in domeniul STIINTA POLIMERILOR in Romania, 55 sunt ocupate de cercetatori ai institutului.

3.3. Situatia financiara – datorii la bugetul de stat: nu este cazul**4. Criterii primare de performanta****4.1. Lucrari stiintifice/tehnice publicate in reviste de specialitate cotate ISI (ANEXA 4.1)**

Criteriul		Punctaj	Punctaj total	Observatii
4.1.1.	Numar de lucrari stiintifice: 702	x 30	21 060.000	Pentru evaluarile viitoare, se propune ca ultimul an al perioadei evaluate sa fie considerat anul calendaristic anterior celui in care se depune dosarul din urmatoarele motive: - factorul de impact al revistelor pentru anul in curs este evaluat si publicat in anul urmator; - centralizarea tuturor lucrarilor realizate in decursul unui an se realizeaza in primul trimestru al anului urmator.
4.1.2.	Punctaj cumulativ ISI: 660.511	x 5	3 302.555	
4.1.3.	Numar citari in reviste cotate ISI: 551	x 5	2 755.000	

Total punctaj cap. 4.1: 27 117.555**4.2. Brevete de inventie (ANEXA 4.2)**

Criteriul		Punctaj	Punctaj total	Observatii
4.2.1.	Numar de brevete: 22	x 30	660	
4.2.2.	Numar de citari de brevete in sistemul ISI: 0	x 5	0	

Total punctaj cap. 4.2: 660**4.3. Produse si tehnologii rezultate din activitati de cercetare, bazate pe brevete, omologari sau inovatii proprii. Studii prospective si tehnologice si servicii rezultate din activitatea de cercetare-dezvoltare, comandate de beneficiar (ANEXA 4.3 – nr. contract si firma care utilizeaza produsul, serviciul, tehnologia)**

Criteriul		Punctaj	Punctaj total	Observatii
4.3.1.	Numar de produse, tehnologii, studii, servicii: 132	x 20	2 640	

Total punctaj cap. 4.3: 2 640

Total punctaj cap. 4: 30 417.555

5. Criterii secundare de performanta

5.1. Lucrari stiintifice (tehnice) publicate in reviste de specialitate fara cotate ISI (ANEXA 5.1)

Criteriul		Punctaj	Punctaj total	Observatii
5.1.1.	Numar de lucrari: 517	x 5	2 585	
	- Lucrari publicate in reviste fara cotate ISI: 352	x 5	1 760	
	- Carti si capitole in carti: 165	x 5	825	

Total punctaj cap. 5.1: 2 585

5.2. Lucrari stiintifice prezentate la conferinte internationale cu comitet de program (ANEXA 5.2)

Criteriul		Punctaj	Punctaj total	Observatii
5.2.1.	Numar de comunicari prezentate: 849	x 5	4 245	

Total punctaj cap. 5.2: 4 245

5.3. Modele fizice, modele experimentale, modele functionale, prototipuri, normative, proceduri, reglementari si planuri tehnice noi sau perfectionate, realizate in cadrul programelor nationale sau comandate de beneficiar (ANEXA 5.3)

Criteriul		Punctaj	Punctaj total	Observatii
5.3.1.	Numar de modele, normative, proceduri etc.: 5	x 5	25	

Total punctaj cap. 5.3: 25

Total punctaj cap. 5: 6 855

6. Prestigiul profesional

6.1. Membri (incluzand statutul de recenzor) in colectivele de redactie ale unor reviste cotate ISI sau incluse in baze de date internationale) sau in colectivele editoriale ale unor edituri internationale recunoscute (ANEXA 6.1)

Criteriul		Punctaj	Punctaj total	Observatii
6.1.1.	Numar de prezente: 107	x 20	2 140	

Total punctaj cap. 6.1: 2 140

6.2. Membri in colectivele de redactie ale revistelor recunoscute national (din categoria B in clasificarea CNCSIS) (ANEXA 6.2)

Criteriul		Punctaj	Punctaj total	Observatii
6.2.1.	Numar de prezente: 1	x 10	10	

Total punctaj cap. 6.2: 10

6.3. Premii internationale obtinute prin proces de selectie (ANEXA 6.3)

Criteriul		Punctaj	Punctaj total	Observatii
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6.3.1.	Numar premii internationale: 15	x 20	300	
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Total punctaj cap. 6.3: 300

6.4. Premii nationale ale Academiei Romane (ANEXA 6.4)

	Criteriul	Punctaj	Punctaj total	Observatii
6.4.1.	Numar premii AR: 4	x 20	80	

Total punctaj cap. 6.4: 80

6.5. Conducatori de doctorat, membri ai unitatii de cercetare (ANEXA 6.5)

	Criteriul	Punctaj	Punctaj total	Observatii
6.5.1.	Numar conducatori de doctorat: 7	x 10	70	

Total punctaj cap. 6.5: 70

6.6. Numar de doctori in stiinta, membri ai unitatii de cercetare (ANEXA 6.6)

	Criteriul	Punctaj	Punctaj total	Observatii
6.6.1.	Numar doctori in stiinta: 105	x 10	1 050	

Total punctaj cap. 6.6: 1 050

Total punctaj cap. 6: 3 650

Total punctaj cap. 4+5+6: 40 922.555

7. Venituri realizate prin contracte de cercetare in domeniul pentru care se face evaluarea

7.1. Numarul si valoarea contractelor de cercetare internationale finantate din fonduri publice (ANEXA 7.1): numar contracte: 17; valoare totala 2003-2007: 1 375 440 EUR

7.2. Numarul si valoarea contractelor de cercetare internationale finantate din fonduri private: (ANEXA 7.2): numar contracte: 2; valoare totala 2003-2007: 12 594 EUR

7.3. Numarul si valoarea contractelor de cercetare nationale finantate din fonduri publice (ANEXA 7.3): numar contracte: 197; valoare totala 2003-2007: 13 702 883 LEI

Denumire program	Nr. con-tracte total	Valoare totală contracte	Total val. perioadă din care:	2003	2004	2005	2006	2007
PN II - Parteneriate	19	5.605.000	323.400					323.400
PN II - Idei	3	2.750.000	265.000					265.000
PN II – Capacitati	2	4.000.000	505.000					505.000
PN II – TD	7	215.866	47.049					47.049
GRANTURI ACADEMIA ROMÂNĂ	11	90.939	85.250	19.200	19.200	15.300	19.050	12.500
AMTRANS	1	79.000	79.000		5.900	27.400	45.700	

BIOTECH	3	144.000	114.000	30.000	30.000	31.000	23.000	
CEEX	59	14.022.724	8.968.838			599.936	3.795.032	4.573.870
CERES	17	799.089	715.394	148.001	258.947	145.447	162.999	
CNCSIS	54	1.608.735	1.608.735	71.535	223.300	198.000	367.800	748.100
INVENT	1	190.000	190.000		18.000	68.100	103.900	
MATNANTECH	17	778.430	730.030	285.365	230.262	184.403	30.000	
RELANSIN	3	71.187	71.187		5.500	35.087	30.600	
TOTAL	197	30.354.982	13.702.883	554.101	791.109	1.304.673	4.578.081	6.474.919

7.4. Numarul si valoarea contractelor de cercetare nationale finantate din fonduri private
(ANEXA 7.4): numar contracte: 4; valoare totala 2003-2007: 18 103 LEI

7.5. Alte surse:

7 bis. Venituri realizate din activitatea din activitati economice (servicii, microproductie)
2003-2007: 1 754 650 LEI

8. Resursa umana de cercetare

8.1. Total personal de cercetare care realizeaza venituri din activitatea de cercetare-dezvoltare/din care doctori in stiinta

8.1.1. Cercetatori stiintifici gradul 1 (profesori)/din care doctori in stiinta:

2007: 24/24

Media 2003-2007: 25.6/25.6

8.1.2. Cercetatori stiintifici gradul 2 (conferentieri)/din care doctori in stiinta:

2007: 21/21

Media 2003-2007: 21/21

8.1.3. Cercetatori stiintifici gradul 3 (lectori)/din care doctori in stiinta:

2007: 32/31

Media 2003-2007: 32/31

8.1.4. Cercetatori stiintifici/din care doctori in stiinta: 23/20

2007: 23/20

Media 2003-2007: 27.6/

Numar mediu personal de cercetare atestat 2003-2007: 106.2

8.1.5. Asistenti de cercetare: 48/8

8.1.6. Total personal auxiliar de cercetare angajat: 57

8.2. Date privind perfectionarea resursei umane

8.2.1. Numar de doctoranzi si masteranzi care lucreaza in unitatea de cercetare-dezvoltare la data completarii formularului: 45

8.2.2. Numar de teze de doctorat realizate in unitatea de cercetare-dezvoltare in perioada pentru care se face evaluarea (ANEXA 8.2.2): 19

9. Infrastructura de cercetare

9.1. Laboratoare de cercetare-dezvoltare

- I. Polimeri naturali
- II. Modificarea chimica a polimerilor
- III. Monomeri si polimeri optoactivi
- IV. Polimeri heterociclici
- V. Polimeri ionici
- VI. Polimeri biocompatibili si bioactivi
- VII. Polimeri electroactivi
- VIII. Rasini si compozite
- IX. Polimeri anorganici
- X. Sisteme polimere multicomponente
- XI. Structura monomerilor si polimerilor
- XII. Caracterizare fizico-chimica a materialelor polimere
- XIII. Cercetare aplicativa si transfer tehnologic

9.2. Lista echipamentelor performante achizitionate in ultimii 10 ani (ANEXA 9.2)

Total punctaj cap. 4+5+6: 40 922.555

Numar mediu personal de cercetare atestat 2003-2007: 106.2

Standard de performanta: 385.335 puncte/cercetator atestat

Anexa nr. 4.1

LISTA LUCRARILOR STIINTIFICE PUBLICATE IN REVISTE DE SPECIALITATE COTATE ISI

2003

Nr. crt.	Titlul lucrării	Autorii	Revista	Factorul de impact	Numarul de citari
1.	Poly(methylene amine): A polymer with the maximum possible number of amino group on a polymer backbone	M. Klapper, C. Hamciuc, R. Dyllick-Brenzinger, K. Muellen	Angew. Chem., Int. Ed., 42, 4687-4690	8.427	0
2.	Pendant functional group copolyether sulfones. III. Modified copolyether sulfones with bisphenolic copper chelate	V. Cozan, E. Butuc, E. Avram, A. Airinei	Appl. Organomet. Chem., 17, 282-286	1.414	0
3.	Chelate polymers. II. Some novel transition metal complexes with azomethine-containing siloxanes and their polyesters	M. Marcu, M. Cazacu, A. Vlad, C. Racles	Appl. Organomet. Chem., 17, 693-700	1.414	5
4.	A Lotus japonicus β -type carbonic anhydrase gene expression pattern suggests distinct physiological roles during nodule development	E. Flementakis, M. Dimou, D. Cotzur, G. Aivalakis, R. C. Efroze, C. Kenoutis, M. Udvardi, P. Katinakis	Biochim. Biophys. Acta, Gene Structure and Expression, 1628, 186-194	2.137	0
5.	Optical storage in pentaalkynylbenzene derivatives. Strong gain effect by recrystallization processes	T. Frese, J. H. Wendorff, D. Janietz, V. Cozan	Chem. Mater., 15, 2146-2152	4.374	0
6.	A set of glycoproteins recognized by A2B5 antibody with major bands at 55 and 76 kDa is overexpressed in human head and neck squamous all carcinomas	G. Bolot, I. Popa, M. J. Paret, M. J. David, D. Schmitt, J. Portoukalian	Biochimie, 85, 409-412	3.707	1
7.	The effect of long-term ambient aging on the mechanical properties of conducting polysiloxane-polypyrrole graft copolymers	C. Biran, L. Toppare, T. Tincer, Y. Yagci, V. Harabagiu	Chem. Eng. Commun., 190, 823-830	0.278	1
8.	The use of N-alkylacrylamide-styrene copolymers as thermally reversible dispersants/floculants for emulsions and suspensions	N. Nichifor, X. X. Zhu	Colloid Polym. Sci., 281, 1034-1039	1.232	1
9.	New mesogenic maleimide-styrene copolymers via N-oxyl mediated free radical copolymerization	L. Cianga, Y. Yagci, E. G. Fernandes, G. Galli	Des. Monom. Polym., 6, 145-158	0.879	0
10.	Immobilization of cholesterol oxidase in a conducting copolymer of thiophene-3-yl acetic acid cholesteryl ester with pyrrole	A. Cirpan, S. Alkan, L. Toppare, I. Cianga, Y. Yagci	Des. Monom. Polym., 6, 237-244	0.879	3
11.	Novel boron reagents for designed organic synthesis. 1. Direct synthesis of aromatic esters in the presence of	C. I. Chiriac, F. Tanasa	Des. Monom. Polym., 6, 277-281	0.879	0

boric acid				
12. Aminated polysaccharide microspheres as DNA delivery systems	M. Constantin, G. Fundueanu, R. Cortesi, E. Esposito, C. Nastruzzi	Drug Delivery, 10, 139-149	1.191	0
13. Nonconventional synthesis and characterization of ultrahigh-molar-mass polyacrylamides	M. Cretich, C. Chelaru, G. Pirri, M. Levi, G. Clerici, M. Chiari	Electrophoresis, 24, 2322-2327	4.040	2
14. Parabanic polymers obtained by the cyclocondensation reaction of polyureas containing 2,6-pyridyl structure	E. Scortanu, E. G. Hitruc, A. A. Caraculacu	Eur. Polym. J., 39, 1051-1061	1.086	1
15. Side chain thermotropic liquid crystalline polysulfone obtained from polysulfone Udel by chemical modification	V. Cozan, E. Avram	Eur. Polym. J., 39, 107-114	1.086	4
16. Liquid crystalline polymers 14. Synthesis and thermal behaviour of some polyethers containing azomesogens	S. Alazaroaie, V. Toader, I. Carlescu, K. Kazmierski, D. Scutaru, N. Hurduc, C. I. Simionescu	Eur. Polym. J., 39, 1333-1339	1.086	0
17. Viscometric study of poly(sodium 2-acrylamido-2-methylpropanesulfonate) and two random copolymers	S. Dragan, M. Mihai, L. Ghimici	Eur. Polym. J., 39, 1847-1854	1.086	2
18. Compared properties of related aromatic poly(1,3,4-oxadiazole-amide)s	M. D. Iosip, M. Bruma, I. Ronova, M. Szesztay, P. Muller	Eur. Polym. J., 39, 2011-2021	1.086	8
19. Synthesis and characterization of optically active polymers containing azo groups and (L)- α -amino acid moieties	L. Cianga	Eur. Polym. J., 39, 2271-2282	1.086	0
20. Immobilization of invertase and glucose oxidase in poly 2-methylbutyl-2-(3-thienyl) acetate/polypyrrole matrices	S. Isik, S. Alkan, L. Topare, I. Cianga, Y. Yagci	Eur. Polym. J., 39, 2375-2381	1.086	15
21. Calculation of group contribution of molar glass transition function (YgPhCH ₂ Cl) for 2-chloromethylene-1, 4-phenylene units; application to chemical modification reaction of polysulfones	V. Cozan, E. Avram, L. Marin, C. Racles	Eur. Polym. J., 39, 397-400	1.086	0
22. Incorporation of siloxanes in hydrolytically degradable structures I. Poly(anhydride)s synthesis	M. Cazacu, A. Vlad, C. Racles, M. Marcu	Eur. Polym. J., 39, 527-535	1.086	0
23. Aromatic polyamides with pendent acetoxybenzamide groups and thin films made therefrom	I. Sava, M. D. Iosip, M. Bruma, C. Hamciuc, J. Robison, L. Okrasa, T. Pakula	Eur. Polym. J., 39, 725-738	1.086	5
24. New poly(amide-imide) siloxane copolymers by polycondensation	M. Simionescu, M. Marcu, M. Cazacu	Eur. Polym. J., 39, 777-784	1.086	3
25. Eutectic mixture of two bismaleimides: Thermal and electrical properties	M. Sava, F. Tanasa	High Perform. Polym., 15, 157-165	0.936	0
26. Polyamides with pendant cinnamoyloxyethyl units	E. Rusu, M. Nechifor	High Perform. Polym., 15, 197-206	0.936	1
27. New arylidene-siloxane polyesters	C. Racles, V. Cozan, M. Cazacu	High Perform. Polym., 15, 231-242	0.936	0
28. Synthesis and properties of unsaturated poly(urethane-imide)s	S. Oprea	High Perform. Polym., 15, 291-299	0.936	0
29. Synthesis and characterization of novel arylidene and	V. Cozan, M. Sava, L. Marin, M.	High Perform. Polym., 15,	0.936	3

cardo ester bismaleimides and poly(aminoaspartimide)s therefrom	Bruma	301-318		
30. Viscometric study of poly(ester urethane) solutions. 2. Influence of hard-segment composition on the unperturbed dimensions	S. Ioan, M. Lupu, D. Macocinschi	High Perform. Polym., 15, 319-328	0.936	1
31. New silicon-containing poly(imide-amide)s	E. Hamciuc, M. Bruma, B. Schulz, T. Kopnick	High Perform. Polym., 15, 347-359	0.936	2
32. Studies on thermal degradation of acrylonitrile-butadiene-styrene copolymer (ABS-Br) containing brominated flame retardant	T. Bhaskar, K. Murai, T. Matsui, M. A. Brebu, M. A. Uddin, A. Muto, Y. Sakata, R. Murata	J. Anal. Appl. Pyrolysis, 70, 369-381	1.463	5
33. Aspects of polyesterurethane interaction with metallic ions. III. Thermal behavior of polyurethane interaction products with iron and chromium ions	G. Moroi, C. Ciobanu	J. Anal. Appl. Pyrolysis, 70, 87-98	1.463	1
34. Enzymatic degradation of thermoresponsive poly(N-isopropylacrylamide)grafted to carboxymethylcellulose copolymers	C. Vasile, C. Marinescu, R. Vornicu, G. Staikos	J. Appl. Polym. Sci., 87, 1383-1386	1.017	0
35. Influence of urethane group on properties of crosslinked polyurethane elastomers	C. Ciobanu, X. Han, C. N. Cascaval, F. Guo, D. Rosu, L. Ignat, G. Moroi	J. Appl. Polym. Sci., 87, 1858-1867	1.017	1
36. Synthesis and study of new polyamides with side oxadiazole rings	M. Bruma, E. Hamciuc, B. Schulz, T. Kopnick, Y. Kaminorz, J. Robison	J. Appl. Polym. Sci., 87, 714-721	1.017	0
37. Synthesis and properties of new polyurethane ionomers. I. Photosensitive cationomers with triazene units	E. C. Buruiana, V. Niculescu, T. Buruiana	J. Appl. Polym. Sci., 88, 1203-1210	1.017	2
38. Organic-inorganic polymer hybrids and porous materials obtained on their basis	M. Cazacu, S. Dragan, A. Vlad	J. Appl. Polym. Sci., 88, 2060-2067	1.017	1
39. Compatibility of polysaccharide/maleic copolymer blends. IV. Thermal behavior of hydroxypropyl cellulose-containing blends	G. G. Bumbu, C. Vasile, M. C. Popescu, H. Darie, G. C. Chitanu, G. Singurel, A. Carpov	J. Appl. Polym. Sci., 88, 2585-2597	1.017	1
40. Synthesis of new chelating ion exchange resin with hydroxamic and amidoxime groups and study of its metal binding property	V. Neagu, I. Bunia, I. Plesca, M. Popa	J. Appl. Polym. Sci., 88, 2956-2962	1.017	5
41. Ion-exchange resins. II. Acrylamide crosslinked copolymers as precursors for some ion exchangers	S. Dragan, M. V. Dinu, C. D. Vlad	J. Appl. Polym. Sci., 89, 2701-2707	1.017	0
42. Thermal behavior and cured products of bis(4-maleimidodiphenyl)methane, bis(isomaleimidodiphenyl)methane and 4,4'-diaminodiphenyl methane mixtures	V. Gaina, C. Gaina, I. Paraschiv	J. Appl. Polym. Sci., 89, 3547-3556	1.017	0
43. Influence of properties and morphology of elastomeric phase on the behavior of ternary blends of polyamide 6/rigid polymer/elastomer	I. Kelmar, J. Kotek, B. S. Munteanu, I. Fortelny	J. Appl. Polym. Sci., 89, 3647-3651	1.017	2
44. New arylidene-siloxane polyethers. Liquid-crystalline and	C. Racles, A. Airinei, V. Cozan, M.	J. Appl. Polym. Sci., 90, 3093-	1.017	1

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45. Reactions of some phosphorus compounds with cellulose dissolved in aqueous alkaline solution	O. Petreus, T. Bubulac, I. Petreus, G. Cazacu	J. Appl. Polym. Sci., 90, 327-333	1.017	0
46. Viscometric behavior of quaternized polysulfones	L. Ghimici, E. Avram	J. Appl. Polym. Sci., 90, 465-469	1.017	0
47. Pullulan-cyclodextrin microspheres. A chromatographic approach for the evaluation of the drug-cyclodextrin interactions and the determination of the drug release profiles	G. Fundueanu, M. Constantin, D. Mihai, F. Bortolotti, R. Cortesi, P. Ascenzi, E. Menegatti	J. Chromatography B, 791, 407-419	2.085	2
48. A sucrose transporter, LjSUT4, is up-regulated during Lotus japonicus nodule development	E. Flementakis, M. Dimou, D. Cotzur, R. C. Efrose, G. Aivalakis, G. Colebatch, M. Udvardi, P. Katinakis	J. Exper. Botany, 54, 1789-1791	3,18	0
49. Gangliosides from human melanoma tumors impair dendritic cell differentiation from monocytes and induce their apoptosis	J. Peguet-Navarro, M. Sportouch, I. Popa, O. Berthier, D. Schmitt, J. Portoukalian	J. Immunology, 170, 3488-3494	6,702	0
50. Phase transfer catalysis in the polycondensation processes. XXV. The relationship between structure and supramolecular ordering of some aromatic polyethers containing flexible spacer	S. Alazaroaie, N. Hurduc, D. Scutaru, A. Dumitrascu, L. Petraru, C. Simionescu	J. Macromol. Sci., Pure Appl. Chem., A40, 1241-1252	0.681	0
51. Synthesis and characterization of conducting polymers of menthyl ester of 3-thiophene acetic acid with pyrrole	S. Kiralp, S. Alkan, L. Toppare, I. Cianga, Y. Yagci	J. Macromol. Sci., Pure Appl. Chem., A40, 251-264	0.681	0
52. Synthesis of polysilane-bis(salicyliden)ethylenediamine Ni(II) complex	G. Sacarescu, R. Ardeleanu, L. Sacarescu, M. Simionescu	J. Organomet. Chem., 685, 202-206	2.042	3
53. Diffusion of pyrene end-capped polystyrene prepared via atom transfer radical polymerization into polystyrene gels in the presence of toluene	M. Erdogan, Y. Hepuzer, I. Cianga, Y. Yagi, O. Pekcan	J. Phys. Chem. A, 107, 8363-8370	2.792	0
54. Computational study of maleamic acid cyclodehydration	D. Ivanov, M. Constantinescu	J. Phys. Org. Chem., 16, 348-354	1.182	1
55. Pressure sensitive adhesives modified with resinic acids	F. Mustata, I. Bicu	J. Polym. Eng., 23, 191-208	0.200	0
56. Polyelectrolyte complexes. V. Solid-state properties of some polycation/azo dye complexes controlled by the dye structure	S. Dragan, D. Timpu	J. Polym. Sci., Part A: Polym. Chem., 41, 264-272	2.226	0
57. Chelate polymers. III. New polyazomethines of 5,5'-methylene-bissalicylaldehyde with siloxane diamines and their divalent metal complexes	M. Cazacu, M. Marcu, A. Vlad, A. Toth, C. Racles	J. Polym. Sci., Part A: Polym. Chem., 41, 3169-3179	2.226	1
58. Photoinitiated cationic polymerization of monofunctional benzoxazine	F. Kasapoglu, I. Cianga, Y. Yagci, T. Takeichi	J. Polym. Sci., Part A: Polym. Chem., 41, 3320-3328	2.226	0
59. Synthesis and characterization of conducting copolymers of (S)-2- methylbutyl-2-(3-thienyl)acetate with pyrrole and thiophene	A. Levent, L. Toppare, I. Cianga, Y. Yagci	Macromol. Chem. Phys., 204, 1118-1122	1.390	6

60. Chain connectivity and conformational variability of polymers: Clues to an adequate thermodynamic description of their solutions.1. Dilute solutions	M. Bercea, M. Cazacu, B. A. Wolf	Macromol. Chem. Phys., 204, 1371-1380	1.390	12
61. Synthesis and characterization of α , ω -telechelic polymer by atom transfer radical polymerization and coupling processes	S. Yurteri, I. Cianga, Y. Yagci	Macromol. Chem. Phys., 204, 1771-1783	1.390	16
62. A study of epoxy-amine cure kinetics by combining isoconversional analysis with temperature modulated DSC and dynamic rheometry	N. Sbirrazzuoli, S. Vyazovkin, A. Mititelu, C. Sladic, L. Vincent	Macromol. Chem. Phys., 204, 1815-1821	1.390	15
63. Kinetics of epoxy-amine curing accompanied by the formation of liquid crystalline structure	S. Vyazovkin, A. Mititelu, N. Sbirrazzuoli	Macromol. Rapid Commun., 24, 1060-1065	3.236	13
64. Synthesis and characterization of α , ω -heterofunctional poly(ethylene oxide) macromonomers	F. Yilmaz, I. Cianga, K. Ito, T. Senyo, Y. Yagci	Macromol. Rapid Commun., 24, 316-319	3.236	0
65. New silicon-containing heterocyclic polyimides	B. Schulz, E. Hamciuc, T. Kopnick, Y. Kaminorz, M. Bruma	Macromol. Symp., 199, 391-400	0.895	2
66. Aromatic polymers with side oxadiazole rings as luminescent materials in LEDs	M. Bruma, E. Hamciuc, B. Schulz, T. Kopnick, Y. Kaminorz, J. Robison	Macromol. Symp., 199, 511-521	0.895	0
67. Conformational aspects of segmented poly(ester-urethanes)	S. Ioan, I. E. Cojocaru, V. C. Grigoras, D. Macocinschi, D. Filip	Macromol. Symp., 202, 179-187	0.895	0
68. Molecular dynamics simulation of azobenzene liquid crystalline polymers	D. Pavel, R. Shanks, S. Sangari, S. Alazaroaie, N. Hurduc	Macromol. Theory Simul., 12, 127-141	1.268	0
69. Modification of polymer blend properties by argon plasma/electron beam treatment: surface properties	M. Pascu, C. Vasile, M. Gheorghiu	Mater. Chem. Phys., 80, 548-554	1.183	7
70. Radiation processing of elastomer materials for medical uses	E. Grosu, M. Rapa, A. Tomescu, E. Nemes, T. Zaharescu, S. Jipa, R. Setnescu, C. Vasile	Nucl. Instrum. Meth. Phys. Res., Sect. B: Beam Interactions with Materials and Atoms, 208, 220-224	1.041	2
71. Relations lipides-immunite cutanee: exemple des gangliosides	I. Popa, J. Portoukalian	Pathologie Biologie, 51, 253-255	0.654	0
72. p-Nonylphenol/o-cresol/cyclohexanone/formaldehyde resins as modifiers in pressure sensitive compositions	F. Mustata, I. Bicu	Polimery, 48, 774-778	0.474	0
73. Thermogravimetric analysis of some crosslinked acrylamide copolymers and ion exchangers	C. D. Vlad, M. V. Dinu, S. Dragan	Polym. Degrad. Stab., 79, 153-159	1.405	1
74. On the compatibility of the IPP/PA6/EPDM blends with and without functionalized IPP I. Thermooxidative behaviour	R. N. Darie, M. Brebu, C. Vasile, M. Kozlowski	Polym. Degrad. Stab., 80, 551-566	1.405	3
75. Thermogravimetric study on the ageing of lime wood supports of old paintings	I. C. A. Sandu, M. Brebu, C. Luca, I. Sandu, C. Vasile	Polym. Degrad. Stab., 80, 83-91	1.405	6
76. Thermal behaviour of polystyrene, polysulfone and their substituted derivatives	G. Lisa, E. Avram, G. Paduraru, M. Irimia, N. Hurduc, N. Aelenei	Polym. Degrad. Stab., 82, 73-79	1.405	4
77. Synthesis and characterization of a fully aromatic	A. Farcas, M. Grigoras	Polym. Int., 52, 1315-1320	0.861	5

polyazomethine with rotaxane architecture				
78. Hydrogen-bonding interaction of an alternating maleic acid-vinyl-acetate copolymer with poly(ethylene glycol), polyacrylamide and poly(N-isopropylacrylamide): a comparative study	C. Vasile, G. G. Bumbu, Y. Mylonas, I. Cojocaru, G. Staikos	Polym. Int., 52, 1887-1891	0.861	4
79. Thermal degradation of semi-interpenetrating polymer networks based on polyurethane and epoxy maleate of bisphenol A	C. N. Cascaval, D. Rosu, L. Rosu, C. Ciobanu	Polym. Testing, 22, 45-49	0.722	6
80. Conformational and dynamo-optical properties of fluorinated poly(p-phenylene-1,3,4-oxadiazole-imide-amide) molecules in solutions	P. Lavrenko, O. Okatova, I. Strelina, M. Bruma, B. Schulz	Polymer, 44, 2919-2925	2.340	2
81. Copolymers of N-alkylacrylamides and styrene as new thermosensitive materials	M. Nichifor, X. X. Zhou	Polymer, 44, 3053-3060	2.340	0
82. The effect of hard segment ordering in copolyurethane elastomers obtained by using simultaneously two types of diisocyanates	C. Prisacariu, R. H. Olley, A. A. Caraculacu, D. C. Bassett, C. Martin	Polymer, 44, 5407-5421	2.340	3
83. Retention of chromate ion by conventional and N-ethylpyridinium strongly basic anion exchange resins	V. Neagu, I. Untea, E. Tudorache, C. Luca	React. Funct. Polym., 57, 119-124	1.417	0
84. Detection of toluene dissolved in water by using PCS fibers excited by an inclined collimated beam	V. Matejec, M. Chomat, D. Berkova, J. Mrazek, R. Ardeleanu, V. Harabagiu, M. Pinteala, B. C. Simionescu	Sensors Actuators B: Chemical, 90, 204-210	2.391	2
85. Preparation and characterization of acrylic copolymer microspheres for the oral controlled release of lipophilic quinidine	G. Fundueanu, M. Constantin, G. Mocanu, A. Carpov, E. Menegatti, C. Nastruzzi	STP Pharma Sci., 13, 305-312	0.508	0
86. Functional carriers based on poly(ethyleneimine)-cyclodextrins microparticles	G. Mocanu, A. Carpov	STP Pharma Sci., 13, 371-375	0.508	0
87. A new direct synthesis of cinnamic acids from aromatic aldehydes and aliphatic carboxylic acids in the presence of sodium borohydride	C. I. Chiriac, F. Tanasa, M. Onciu	Tetrahedron Lett., 44, 3579-3580	2.326	4
88. Thermogravimetric analysis of liquid crystal-polymer blends	D. Filip, C. I. Simionescu, D. Macocinschi	Thermochim. Acta, 395, 217-223	0.956	1
89. A structural - thermodynamic study of trimethylsilylcellulose	D. Bontea	Cell. Chem. Technol., 37, 209-223	0.111	0
90. Thermogravimetric analysis of some silylcellulose derivatives	D. Bontea, M. Gaspar, I. Humelnicu, N. Aelenei, D. Ionescu	Cell. Chem. Technol., 37, 35-41	0.111	0
91. Influence of xylanase treatment on Pinus pinaster kraft pulp	I. Spiridon, A. P. Duarte, J. Curto	Cell. Chem. Technol., 37, 497-504	0.111	0
92. Influence of chain extender on the unperturbed dimensions of poly(ester-urethane)s	S. Ioan, D. Macocinschi, M. Lupu	J. Optoelectr. Adv. Mater., 5, 563-568	0.996	0

93. Polyamides with cinnamoyloxyethyl groups in side chains	M. Onciu, E. Rusu	Mater. Plast., 40, 103-106	0.213	0
94. Effects of flame-retardants on thermal and mechanical behavior of some thermoplastic polyurethanes	S. Vlad	Mater. Plast., 40, 112-115	0.213	0
95. Poli(succinimido-eteri) functional	C. Hulubei	Mater. Plast., 40, 129-132	0.213	0
96. Poli(N-p-carboxifenil-maleimida-co-trimetilolpropan triacrilat)	M. V. Dinu, C. Hulubei, C. D. Vlad	Mater. Plast., 40, 186-188	0.213	0
97. Reactii de substitutie nucleofila a dicloromaleimidelor	C. Gaina, V. Gaina	Mater. Plast., 40, 198-202	0.213	0
98. Copolimerizarea anionica a -caprolactamei cu lauro lactama prin procedeul de formare rotatională	G. Rusu	Mater. Plast., 40, 31-36	0.213	0
99. Sinteza si caracterizarea unor rasini p-aminofenol/o-crezol/formaldehidice	F. Mustata, I. Bicu	Mater. Plast., 40, 43-47	0.213	0
100. Kinetic study of the cationic copolymerization of octamethylcyclsiloxane with methylhydrogensiloxane oligomers	V. Hamciuc, L. Pricop	Mater. Plast., 40, 77-80	0.213	0
101. Studiu asupra unor polimeri sintetici biodegradabili. Reactii si mecanisme de initiere a proceselor de biodegradare	N. Tudorachi	Mater. Plast., 40, 83-87	0.213	0
102. Polibismaleinimido-eteri functional	C. Hulubei	Rev. Chim., 54, 232-235	0.291	0
103. Caracteristici reologice ale unor rasini ciclohexanon/p-nonil/o-crezol formaldehidice	F. Mustata	Rev. Chim., 54, 615-618	0.291	0
104. Compared properties of heterocyclic polyethers and poly(ether-ketone)s	C. Hamciuc, E. Hamciuc, M. Bruma, I. A. Ronova	Rev. Roum. Chim., 48, 153-161	0.219	0
105. N-phenacyl-N'-benzyl-4,4'-bipyridinium bromides and their ylides	E. Avram, I. Druta, C. Cuciac, G. Drochioiu	Rev. Roum. Chim., 48, 205-209	0.219	0
106. Comparative study of aromatic polyamides containing side benzamide groups	I. Sava, M. Bruma	Rev. Roum. Chim., 48, 219-229	0.219	0
107. Synthesis and polymerization of N-(1-anthryl)citraconimide	M. Grigoras	Rev. Roum. Chim., 48, 301-305	0.219	0
108. Synthesis and study of sulfonated poly(ether-ketone)s	C. Hamciuc, M. Bruma, M. Klapper	Rev. Roum. Chim., 48, 307-314	0.219	0
109. Characterization of copolymers by thermal degradation	C. N. Cascaval	Rev. Roum. Chim., 48, 3-13	0.219	0
110. Hydroquinone/cyclohexanone/formaldehyde resins. Synthesis and characterization	F. Mustata, I. Bicu	Rev. Roum. Chim., 48, 315-320	0.219	0
111. Synthesis of dimethyldiphenylsiloxane copolymers having Si-functional groups on the chains	M. Cazacu, A. Vlad	Rev. Roum. Chim., 48, 477-484	0.219	0
112. Polymers with amide groups in the main and side chains	E. Rusu, M. Onciu	Rev. Roum. Chim., 48, 565-569	0.219	0
113. Compared properties of polyimides based on benzophenonetetracarboxylic dianhydride	M. Bruma, E. Hamciuc, I. Sava, C. Hamciuc, M. D. Iosip, J. Robison	Rev. Roum. Chim., 48, 629-638	0.219	0

114. Insertion of organometallic bridges in free and coordinated oximes	N. Voiculescu	Rev. Roum. Chim., 48, 663-672	0.219	0
115. Bismaleimides and polyaminobismaleimides containing ester groups. Synthesis and properties	M. Sava	Rev. Roum. Chim., 48, 735-743	0.219	0
116. Photocrosslinking of poly-1,2-butadiene in the presence of benzophenone and aromatic diazide	M. Avadanei, G. E. Grigoriu, V. Barboiu	Rev. Roum. Chim., 48, 813-819	0.219	0
117. From sand to silicones	N. Voiculescu	Rev. Roum. Chim., 48, 83-90	0.219	0
118. Syntheses of esters from carboxylic acids and diphenyl carbonate-4-dimethylaminopyridine at room temperature	F. Tanasa, M. Onciu, C. I. Chiriac	Rev. Roum. Chim., 48, 869-872	0.219	0
119. Morphological study of poly[(N-acetylimino)ethylene]/polystyrene block and graft copolymers	A. Ioanid, G. David, B. C. Simionescu	Rev. Roum. Chim., 48, 873-880	0.219	0
120. AB-monomers. I. Synthesis and polymerization of furyl-maleimide monomers	V. Gaina, C. Gaina	Rev. Roum. Chim., 48, 881-890	0.219	0

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2004

Nr. crt.	Titlul lucrării	Autorii	Revista	Factorul de impact	Numarul de citari
1.	Bioapplication oriented polymers. Micro- and nanoparticles for drug delivery systems	V. Harabagiu, G. Fundueanu, M. Pinteala, M. Constantin, T. Hamaide	Adv. Exp. Med. Biol., 553, 69-82	0.642	0
2.	Cyanide reaction with ninhydrin: Elucidation of reaction and interference mechanisms	G. Drochioiu, I. Mangalagiu, E. Avram, K. Popa, A. C. Dirtu, I. Druta	Anal. Sci., 20, 1443-1447	1.051	1
3.	Preparation and characterization of bismaleimides containing ester groups from bisphenolic chelates and their polymers	C. Gaina, V. Gaina, R. Ardeleanu	Appl. Organomet. Chem., 18, 446-454	1.385	0
4.	Preparation and characterization of st+A130arch/cyclodextrin bioadhesive micropheres as platform for nasal administration of Gabexate Mesylate (Foy®) in allergic rhinitis treatment	G. Fundueanu, M. Constantin, A. Dalpiaz, F. Bortolotti, R. Cortesi, P. Ascenzi, E. Menegatti	Biomaterials, 25, 159-170	3.799	10
5.	Synthesis and characterization of persilylated cyclodextrins	V. Harabagiu, B. C. Simionescu, M. Pinteala, C. Merrienne, J. Mahuteau, P. Guegan, H. Cheradame	Carbohydrate Polym., 56, 271-276	1.710	3
6.	The individual and cumulative effect of brominated flame retardant and polyvinylchloride (PVC) on thermal degradation of acrylonitrile-butadiene-styrene (ABS) copolymer	M. Brebu, T. Bhaskar, K. Murai, A. Muto, Y. Sakata, M. A. Uddin	Chemosphere, 56, 433-440	2.359	7
7.	Synthesis and polymerization of bifunctional monomers with maleimide and allyl groups	C. Gaina, V. Gaina	Des. Monom. Polym., 7, 235-252	0.661	0
8.	Synthesis of aromatic amides at room temperature using triphenyl phosphite-4-dimethylaminopyridine as reagent	C. I. Chiriac, M. Onciu, F. Tanasa	Des. Monom. Polym., 7, 331-335	0.661	0
9.	Synthesis of A2B and A2B2 type miktoarm star of copolymers by combination of ATRP or ROP with photoinduced radical polymerization	A. E. Muftuoglu, I. Cianga, D. Colak, Y. Yagci	Des. Monom. Polym., 7, 563-582	0.661	
10.	Metastable state of amphiphilic polysaccharide solutions	S. Simon, G. Mocanu, L. Picton, D. LeCerf, G. Muller	e-Polymers, Paper No. 38, 1-6	1.336	0
11.	Comparative study of the behavior of carboxymethyl cellulose-g-poly(N-isopropylacrylamide) copolymers and their equivalent physical blends	C. Vasile, G. G. Bumbu, R. P. Dumitriu, G. Staikos	Eur. Polym. J., 40, 1209-1215	1.419	6
12.	Synthesis of new associative gel microspheres from carboxymethyl pullulan and their interactions with lysozyme	G. Mocanu, D. Mihai, D. LeCerf, L. Picton, G. Muller	Eur. Polym. J., 40, 283-289	1.419	2
13.	Synthesis of new polysilane crown ether	L. Sacarescu, R. Ardeleanu, G. Sacarescu, M. Simionescu	Eur. Polym. J., 40, 57-62	1.419	2
14.	The effect of PVC and/or PET on thermal degradation of	M. Brebu, T. Bhaskar, K. Murai, A.	Fuel, 83, 2021-2028	1.368	4

polymer mixtures containing brominated ABS	Muto, Y. Sakata, M. A. Uddin			
15. Thermal degradation behavior of polymer blends based on poly(ester urethane)s	D. Filip, S. Vlad	High Perform. Polym., 16, 101-112	0.552	0
16. Study of the mechanical properties of dibenzyl-based polyurethane containing a molecularly dispersed UV absorber	E. Scortanu, C. Prisacariu, A. A. Caraculacu	High Perform. Polym., 16, 113-121	0.552	0
17. Viscometric study of poly(ester urethane) solutions. 3 Influence of chemical structure on the conformational transition	S. Ioan, I. Cojocaru, D. Macocinschi, D. Filip	High Perform. Polym., 16, 123-135	0.552	0
18. Synthesis and characterization of novel oligomers from the reaction of bismaleimides with diols	C. Hulubei, V. Cozan	High Perform. Polym., 16, 149-158	0.552	1
19. Novel poly(succinimide-ether)s based on the reaction of bismaleimides with azomethine-bisphenols	C. Hulubei, V. Cozan, M. Bruma	High Perform. Polym., 16, 405-418	0.552	2
20. Synthesis and preliminary characterization of novolak epoxies containing maleimide groups	F. Mustata, I. Bicu	High Perform. Polym., 16, 419-433	0.552	0
21. The influence of conformational parameters on some physical properties of polyamides containing pendant acetoxybenzamide groups	I. Sava, M. Bruma, I. Ronova	High Perform. Polym., 16, 435-446	0.552	0
22. Caprolactam-lauro lactam (Nylon 6/12) copolymers: Synthesis and characterization	G. Rusu, E. Rusu	High Perform. Polym., 16, 569-584	0,552	1
23. Hydrolytic stability of some thermoplastic poly(ether urethane-urea)s	S. Vlad	High Perform. Polym., 16, 81-88	0.552	0
24. Properties of lignin-polyurethane films prepared by casting method	C. Ciobanu, M. Ungureanu, L. Ignat, D. Ungureanu, V. I. Popa	Ind. Crops Products, 20, 231-241	0.816	2
25. Lignin role in a complex polyolefin blend	G. Cazacu, M. C. Pascu, L. Profire, A. I. Kowarski, M. Mihaies, C. Vasile	Ind. Crops Products, 20, 261-273	0.816	2
26. Influence of benzene-containing reaction media on cellulose reactivity in the carboxymethylation process	N. Olaru, L. Olaru	Ind. Eng. Chem. Res., 43, 5057-5062	1.424	0
27. Preparation and characterisation of poly(vinyl alcohol)/cyclodextrin microspheres as matrix for inclusion and separation of drugs	M. Constantin, G. Fundueanu, F. Bortolotti, R. Cortesi, P. Ascenzi, E. Menegatti	Int. J. Pharm., 285, 87-96	2.039	7
28. Conducting copolymers of thiophene-functionalized polystyrene	O. Papila, L. Topare, Y. Yagci, L. Cianga	Int. J. Polym. Anal. Charact., 9, 13-28	0.553	0
29. On enzymatic degradation of cellulose acetate	L. Olaru, N. Olaru, V. I. Popa	Iran. Polym. J., 13, 235-240	0.326	0
30. An investigation of the thermal degradation of epoxy maleate of bisphenol A	D. Rosu, C. N. Cascaval, C. Ciobanu, L. Rosu	J. Anal. Appl. Pyrolysis, 71, 191-196	1.352	2
31. Influence of ion species on the thermal degradation of polyurethane interaction products with transition metal ions	G. Moroi	J. Anal. Appl. Pyrolysis, 71, 485-500	1.352	1
32. Bismaleimides and biscitraconimides: Synthesis and properties	M. Sava	J. Appl. Polym. Sci., 91, 3806-3812	1.021	1

33. Polymaleamide-polymaleimide networks	D. Ivanov, C. Gaina, C. Grigoras	J. Appl. Polym. Sci., 91, 779-788	1.021	0
34. Polymerization in a magnetic field. 14. Possibilities to improve field effect during methyl acrylate polymerization	A. P. Chiriac	J. Appl. Polym. Sci., 92, 1031-1036	1.021	0
35. Ketone derivatives of Diels-Alder adducts of levopimaric acid with acrylic acid and maleic anhydride: Synthesis, characterization, and polymerization	I. Bicu, F. Mustata	J. Appl. Polym. Sci., 92, 2240-2252	1.021	1
36. New polyurethane cationomers with naphthyl and phenyltriazene pendants: Synthesis and properties	E. C. Buruiana, V. Niculescu, T. Buruiana	J. Appl. Polym. Sci., 92, 2599-2605	1.021	1
37. Synthesis of polyacrylamidoxime chelating fiber and its efficiency in the retention of palladium ions	N. Bilba, D. Bilba, G. Moroi	J. Appl. Polym. Sci., 92, 3730-3735	1.021	2
38. Adsorption of Zn(II) by crosslinked acrylic copolymers with amine functional groups	A. Barsanescu, R. Buhaceanu, V. Dulman, I. Bunia, V. Neagu	J. Appl. Polym. Sci., 93, 803-808	1.021	1
39. Sorption equilibrium of Cr(VI) ions by strong base anion exchangers with pyridine structures	V. Neagu, I. Untea, E. Tudorache, C. Orbeci	J. Appl. Polym. Sci., 93, 1957-1963	1.021	1
40. Use of N,N-dimethylaniline end-functional polymers in photoinduced block copolymerization	A. E. Muftuoglu, I. Cianga, S. Yurteri, Y. Yagci	J. Appl. Polym. Sci., 93, 387-394	1.021	0
41. Characterization by Fourier transform infrared spectroscopy of polyethylene adipate/cholesteryl palmitate blends	M. C. Popescu, C. Vasile, D. Filip, D. Macocinschi, G. Singurel	J. Appl. Polym. Sci., 94, 1156-1163	1.021	0
42. Cellulose acetate deacetylation in benzene/acetic acid/water systems	N. Olaru, L. Olaru	J. Appl. Polym. Sci., 94, 1965-1968	1.021	0
43. Polyimides containing 4,4'-bipyridinium units	C. Gaina, V. Gaina, A. Airinei, E. Avram	J. Appl. Polym. Sci., 94, 2091-2100	1.021	0
44. Photobase generating new polyurethanes with oxime-urethane groups in the main chain	E. C. Buruiana, M. Olaru, B. C. Simionescu	J. Appl. Polym. Sci., 94, 2324-2332	1.021	0
45. Synthesis and characterization of novel polyurethane cationomers with dipeptide sequences and alkylammonium groups	E. C. Buruiana, T. Buruiana	J. Biomater. Sci., Polym. Ed., 15, 781-795	1.255	0
46. On the electronic transport and optical properties of some poly(azomethine urethane)s in thin films	G. G. Rusu, A. Stanciu, M. Girtan, M. Vasilovschi, G. I. Rusu	J. Macromol. Sci., Phys., 43B, 1123-1141	0.806	0
47. Imine oligomers and polymers	M. Grigoras, C. O. Catanescu	J. Macromol. Sci., Polym. Rev., 44C, 131-173	0.609	13
48. Chelate polymers. V. Novel alternating copolymers based on transition metal-azomethine complexes and siloxanes	M. Cazacu, M. Marcu, A. Vlad, M. Vasiliu	J. Macromol. Sci., Pure Appl. Chem., 41A, 565-575	0.700	1
49. Interpenetrated network-type hydrogels based on gellan and poly(vinyl alcohol) for inclusion and release of cephotaxime	C. S. Dumitriu, M. Popa, S. Vasiliu, V. Sunel	J. Macromol. Sci., Pure Appl. Chem., 41A, 727-739	0.700	1
50. Chelate polymers. VI. New copolymers of some siloxanes containing bis(2,4-dihydroxybenzaldehydimine)Me ²⁺ with bis(p-carboxyphenyl)diphenylsilane	M. Cazacu, M. Marcu, A. Vlad, G. I. Rusu, M. Avadanei	J. Organomet. Chem., 689, 3005-3011	1.905	10

51. Synthesis and fluorescence of polyurethane cationomers N-modified with a stilbene chromophore	E. C. Buruiana, T. Buruiana, G. Strat, M. Strat	J. Photochem. Photobiol. A: Chem., 162, 23-31	2.235	3
52. Photolysis of 4-azidobiphenyl in solution studied by UV absorption spectroscopy	A. Airinei, V. Barboiu, E. Rusu, D. Timpu	J. Photochem. Photobiol. A: Chem., 162, 579-584	2.235	1
53. Thermodynamics of the interaction between a hydrophobically modified polyelectrolyte and sodium dodecyl sulfate in aqueous solution	G. Bai, L. M. N. B. Santos, M. Nichifor, A. Lopes, M. Bastos	J. Phys. Chem. B, 108, 405-413	3.834	8
54. Self-aggregation of hydrophobically modified cationic polyelectrolytes based on polysaccharides	M. Nichifor, S. Lopes, M. Bastos, A. Lopes	J. Phys. Chem. B., 108, 16463-16472	3.834	8
55. Synthesis and properties of epoxy resins obtained from aniline/o-cresol/formaldehyde resins	F. Mustata, I. Bicu	J. Polym. Eng., 24, 391-408	0.423	0
56. Ion-exchange resins. III. Functionalization-morphology correlations in the synthesis of some macroporous, strong basic anion exchangers and uranium-sorption properties evaluation	E. S. Dragan, E. Avram, D. Axente, C. Marcu	J. Polym. Sci., Part A: Polym. Chem., 42, 2451-2461	2.773	1
57. Polyelectrolyte complexes. VI. Polycation structure, polyanion molar mass, and polyion concentration effects on complex nanoparticles based on poly(sodium 2-acrylamido-2-methyl-propanesulfonate)	E. S. Dragan, S. Schwarz	J. Polym. Sci., Part A: Polym. Chem., 42, 2495-2505	2.773	5
58. Ionic organic/inorganic materials. II. New linear and crosslinked poly(ethylene oxide)-based ionomers by quaternization with chloroalkyl-functionalized siloxanes	M. Cazacu, L. Ghimici, E. S. Dragan	J. Polym. Sci., Part A: Polym. Chem., 42, 3720-3728	2.773	1
59. Polyelectrolyte complexes. VII. Complex nanoparticles based on poly(sodium 2-acryloamido-2-methylpropanesulfonate) tailored by the titrant addition rate	E. S. Dragan, S. Schwarz	J. Polym. Sci., Part A: Polym. Chem., 42, 5244-5252	2.773	2
60. Synthesis and characterization of polyurethane anionomers with bisazoaromatic chromophores and carboxylate groups	T. Buruiana, E. C. Buruiana	J. Polym. Sci., Part A: Polym. Chem., 42, 5463-5470	2.773	2
61. Polymerization in magnetic field. XVI. Kinetic aspects regarding methyl methacrylate polymerization in high magnetic field	A. P. Chiriac	J. Polym. Sci., Part A: Polym. Chem., 42, 5678-5686	2.773	0
62. Modified poly(ϵ -caprolactone)s and their use for drug-encapsulating nanoparticles	C. Iojoiu, T. Hamaide, V. Harabagiu, B. C. Simionescu	J. Polym. Sci., Part A: Polym. Chem., 42, 689-700	2.773	9
63. On what terms and why thermodynamic properties of polymer solutions depend on the chain length up to the melt	A. Schneider, N. Schuld, M. Bercea, B. A. Wolf	J. Polym. Sci., Part B: Polym. Phys., 42, 1601-1609	1.391	5
64. An intimate polycarbonate/poly(methyl methacrylate)/poly(vinyl acetate) ternary blend via coalescence from their common inclusion compound with γ -cyclodextrin	C. C. Rusa, T. Uyar, M. Rusa, M. A. Hunt, X. Wang, A. E. Tonelli	J. Polym. Sci., Part B: Polym. Phys., 42, 4182-4194	1.391	0

65. Investigation of the interpolymer complex between hydroxypropyl cellulose and maleic acid-styrene copolymer. 1	G. G. Bumbu, C. Vasile, J. Eckelt, B. A. Wolf	Macromol. Chem. Phys., 205, 1869-1876	1.880	3
66. Formaldehyde resins bearing diaminodiphenylmethane groups: Synthesis, characterization and properties	F. Mustata, I. Bicu	Macromol. Mater. Eng., 289, 800-808	1.452	0
67. Polyolefin/lignosulfonate blends. 9 Functionalized polyolefin/lignin blends	G. Cazacu, M. Mihaies, M. C. Pascu, L. Profire, A. L. Kowarski, C. Vasile	Macromol. Mater. Eng., 289, 880-889	1.452	1
68. Polysilane-cycloimmonium salts: New materials for organic semiconductors	R. Ardeleanu, I. Mangalagiu, G. Sacarescu, M. Simionescu, L. Sacarescu	Macromol. Rapid Commun., 25, 1231-1235	3.366	1
69. Electron transfer reactions of radical anions with TEMPO: A versatile route for transformation of living anionic polymerization into stable radical-mediated polymerization	I. Cianga, T. Senyo, K. Ito, Y. Yagci	Macromol. Rapid Commun., 25, 1697-1702	3.366	0
70. Nonstoichiometric interpolyelectrolyte complexes as colloidal dispersions based on NaPAMPS and their interaction with colloidal silica particles	S. Schwarz, S. Dragan	Macromol. Symp., 210, 185-192	0.691	2
71. Adsorption of poly(vinyl formamide-co-vinyl amine) onto silica particle surfaces and stability of the formed hybrid materials	F. Bucatariu, F. Simon, S. Spange, S. Schwarz, S. Dragan	Macromol. Symp., 210, 219-228	0.691	0
72. Charge density, solvent polarity and counterion nature effects on the solution properties of some polycations	S. Dragan, L. Ghimici, C. Wandrey	Macromol. Symp., 211, 107-120	0.691	0
73. Modification of poly(styrene-alt-maleic anhydride) with 1,3,4-oxadiazole units for electroluminescent devices	G. Aldea, D. Wyprachticky, V. Cimrova	Macromol. Symp., 212, 523-528	0.691	0
74. Concentration- and pH-dependent conformational changes and aggregation of block copolymers of poly(methacrylic acid) and poly(dimethylsiloxane) in aqueous media, based on fluorescence spectra of pyrene and potentiometry	M. Pinteala, V. Epure, V. Harabagiu, B. C. Simionescu, S. Schlick	Macromolecules, 37, 4623-4634	3.898	5
75. Global solution properties of poly(N-vinylimidazole) in ethanol. Macromolecules and aggregates	G. Savin, W. Burchard, C. Luca, C. Beldie	Macromolecules, 37, 6565-6575	3.898	3
76. Fabrication of inclusion compounds with solid host - cyclodextrins and water-soluble guest polymers: Inclusion of poly(N-acylethylenimine)s in γ -cyclodextrin channels as monitored by solution $^1\text{H-NMR}$	M. Rusa, X. Wang, A. E. Tonelli	Macromolecules, 37, 6898-6903	3.898	7
77. Nanostructuring high molecular weight isotactic polyolefins via processing with γ -cyclodextrin inclusion compounds. Formation and characterization of polyolefin- γ - cyclodextrin inclusion compounds	C. C. Rusa, M. Rusa, M. Gomez, I. D. Shin, J. D. Fox, A. E. Tonelli	Macromolecules, 37, 7992-7999	3.898	0
78. Application of genetic algorithms to control synthesis of block copolymers PDMS-co-PMAA sequences	T. Rusu, O. M. Gogan	Mol. Cryst. Liq. Cryst., 416, 155-164	0.529	0
79. Experimental and theoretical aspects of segmented	D. Macocinschi, S. Ioan, M. Lupu, C.	Mol. Cryst. Liq. Cryst., 416,	0.529	0

poly(ester urethane)s properties. Conformational transitions in solid state and solutions	Grigoras	183-190		
80. Conformational parameters and some physical properties of polyamides containing pendant acetoxybenzamide groups	I. Sava, M. Bruma, I. Ronova	Mol. Cryst. Liq. Cryst., 416, 201-207	0.529	0
81. Polyetherimides for gas separation membranes	M. Bruma, E. Hamciuc, Y. P. Yampolskii, A. Y. Alentiev, I. A. Ronova, E. M. Rojkov	Mol. Cryst. Liq. Cryst., 418, 11-19	0.529	1
82. Distinguishing between abstraction and addition as the first step in the reaction of a nitroxyl radical with cyclohexene	S. Coseri, K. U. Ingold	Org. Lett., 6, 1641-1643	4.195	3
83. Aggregation and protein binding of sodium maleate copolymers with varying hydrophobicities	S. P. Hirvonen, V. Aseyev, G. C. Chitanu, H. Tenhu	Polym. Adv. Technol., 15, 260-265	1.083	2
84. Acrylic weak base anion exchangers and their chemical stability in aggressive media	V. Neagu, I. Bunia	Polym. Degrad. Stab., 83, 133-138	1.685	2
85. Thermal degradation of mercury chelated polyacrylamidoxime	G. Moroi, D. Bilba, N. Bilba	Polym. Degrad. Stab., 84, 207-214	1.685	0
86. Thermal degradation of PE and PS mixed with ABS-Br and debromination of pyrolysis oil by Fe- and Ca- based catalysts	M. Brebu, T. Bashkar, K. Murai, A. Muto, Y. Sakata, M. A. Uddin	Polym. Degrad. Stab., 84, 459-467	1.685	2
87. Thermosensitive behavior in aqueous solution of poly(maleic acid-alt-vinyl acetate) grafted with poly(N-isopropylacrylamide)	C. Vasile, G. G. Bumbu, I. Mylonas, G. Bokias, G. Staikos,	Polym. Int., 53, 1176-1179	1.125	2
88. Synthesis and characterization of poly(p-phenylene)-graft-poly(ϵ -caprolactone) copolymers by combined ring-opening polymerization and cross-coupling processes	S. Yurteri, I. Cianga, M. Degirmenci, Y. Yagci	Polym. Int., 53, 1219-1225	1.125	0
89. Synthesis, characterization and conformational transitions in copolymers of 2-(o-chlorophenyl)-4-methylene-1,3-dioxolane with vinyl monomers	S. Morariu, M. Bercea	Polym. Int., 53, 1253-1258	1.125	0
90. Synthesis and polymerization of anthracene-based itaconimides	M. Grigoras, G. Colotin, N. C. Antonoaia	Polym. Int., 53, 1321-1326	1.125	0
91. Conformation of polysulfone-block-polydimethylsiloxane chains in solution and in the solid state	M. Bercea, A. Airinei, V. Hamciuc, A. Ioanid	Polym. Int., 53, 1860-1865	1.125	0
92. Synthesis and characterization of conducting copolymers of poly(vinyl alcohol) with thiophene side-groups and pyrrole	E. Sahmetlioglu, H. Yuruk, L. Topare, I. Cianga, Y. Yagci	Polym. Int., 53, 2138-2144	1.125	0
93. Influence of the chemical structure of transfer agents in coordinated anionic ring-opening polymerization: application to one-step functional oligomerization of ϵ -caprolactone	M. Pantiru, C. Iojoiu, T. Hamaide, F. Delolme	Polym. Int., 53, 506-514	1.125	4
94. Oligo- and polyacrylonitrile in dilute solution excluded volume effect	M. Bercea, S. Ioan, S. Morariu	Polym. Plast. Technol. Eng., 43, 477-490	0.352	0

95. Influence of hard segments to specific refractive index increments of segmented poly(ester urethane)s	S. Ioan, D. Macocinschi, M. Lupu	Polym. Plast. Technol. Eng., 43, 491-502	0.352	0
96. Synthesis and characterization of some new polyimidothioethers with ester groups in the backbone	V. Gaina, C. Gaina	Polym. Plast. Technol. Eng., 43, 539-553	0.352	0
97. Di- and tetraphenylsilyl-containing heterochain and heterocyclic polymers. A review	M. Bruma, A. L. Rusanov, N. M. Belomoina	Polym. Sci. Ser A, 46, 326-346	0.616	0
98. Cure kinetics of a liquid-crystalline epoxy resin studied by non-isothermal data	D. Rosu, A. Mititelu, C. N. Cascaval	Polym. Testing, 23, 209-215	1.199	9
99. Monitoring pH-dependent conformational changes in aqueous solutions of poly(methacrylic acid)-b-polydimethylsiloxane copolymer based on fluorescence spectra of pyrene and 1,3-bis(pyrenyl) propane	E. Szajdzinska-Pietek, M. Pinteala, S. Schlick	Polymer, 45, 4113-4120	2.433	1
100. Morphology and surface properties of side-chain modified polysulfones	C. Racles, A. Ioanid, A. Toth, M. Cazacu, V. Cozan	Polymer, 45, 4275-4183	2.433	2
101. Synthesis and characterization of alternating copolymers of thiophene-containing N-phenyl maleimide and styrene by photoinduced radical polymerization and their use in electropolymerization	F. Yilmaz, L. Cianga, Y. Guner, L. Toppare, Y. Yagci	Polymer, 45, 5765-5774	2.433	0
102. New polyphenylene-based macromolecular architectures by using well defined macromonomers synthesized via controlled polymerization methods	I. Cianga, Y. Yagci	Progr. Polym. Sci., 29, 387-399	8.482	0
103. Polymeric micelles for oral drug delivery: Why and how	N. F. Francis, M. Cristea, F. M. Winnik	Pure Appl. Chem., 76, 1321-1335	1.449	8
104. Bile acids covalently bound to polysaccharides. 2. Dextran with pendant cholic acid groups	M. Nichifor, M. C. Stanciu, X. X. Zhu	React. Funct. Polym., 59, 141-148	1.582	5
105. Polymers containing phenylquinoxaline rings	M. Bruma, E. Hamciuc, I. Sava, N. M. Belomoina	Russian Chem. Bull., 53, 1813-1823	0.529	0
106. Synthesis and characterization of new poly[phenylquinoxaline(ether)imides]	E. Hamciuc, C. Hamciuc, M. Bruma, N. M. Belomoina	Russian Chem. Bull., 53, 2035-2040	0.529	0
107. Reactivity of some 1(N)-[(para-R2)-phenacyl]-4(N)-[(para-R1)-phenyl]-1,2,4-triazolium-methylides by UV-VIS, IR and NMR spectra and molecular modeling	N. Melniciuc-Puica, V. Barboiu, S. Filoti, D. O. Dorohoi	Spectroscopy Lett., 37, 457-467	0.536	0
108. New dithieno[3,2-b: 2',3'-d]thiophene oligomers as promising materials for organic field-effect transistor applications	M. D. Iosip, S. Destri, M. Pasini, W. Porzio, K. P. Pernstich, B. Batlogg	Synth. Met., 146, 251-257	1.278	9
109. Organic FET devices: structure-property relationships in evaporated films of three fluorenone derivatives	W. Porzio, S. Destri, M. Pasini, U. Giovanella, T. Motta, M. D. Iosip, D. Natali, M. Sampietro, L. Franco, M. Campione	Synth. Met., 146, 259-263	1.278	5
110. A diffusional polymer-drug system: chloramphenicol	M. Popa, C. L. Dumitriu, S. Vasiliu	Cell. Chem. Technol., 38, 363-	0.161	0

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111. Some preliminary data on the enzymatic hydrolysis of Pinus pinaster kraft pulp	I. Spiridon, A. P. Duarte	Cell. Chem. Technol., 38, 59-65	0.161	0
112. Kinetic study of rapid step CMC enzymatic hydrolysis	L. Olaru, V. I. Popa, N. Olaru	Cell. Chem. Technol., 39, 165-173	0.161	0
113. Polimerizarea anionica a ϵ -caprolactamei in prezenta activatorilor mono- si difunctionali	G. Rusu	Mater. Plast., 41, 20-25	0.267	0
114. Obtinerea unor biomateriale pe baza de compusi vinilici si proteine	L. E. Nita, A. P. Chiriac	Mater. Plast., 41, 109-114	0.267	0
115. Copolimeri reticulati obtinuti prin metoda polimerizarii template	C. D. Vlad, C. Hulubei	Mater. Plast., 41, 140-142	0.267	0
116. Dielectric behaviour of some unsaturated polyurethanes	S. Vlad, C. Ciobanu	Mater. Plast., 41, 149-152	0.267	0
117. Noi materiale cu retele semi-interpenetrante pe baza de poliuretan si bismaleimide/poliaminobismaleimide	V. Gaina, C. Gaina	Mater. Plast., 41, 16-19	0.267	0
118. Dehidroclorurarea α -clorosuccinimidelor, o noua metoda de sinteza a maleinimidelor de inalta puritate	V. Gaina, C. Gaina	Mater. Plast., 41, 169-172	0.267	0
119. Advanced materials based on epoxy resins 1. Vinyl ester resins	C. N. Cascaval, D. Rosu, L. Rosu	Mater. Plast., 41, 173-179	0.267	0
120. Polisuccinimidoeteri reticulabili	C. Hulubei	Mater. Plast., 41, 207-210	0.267	0
121. Rasini formaldehidice cu DADB in structura modificate cu acizi rezinici, agenti de adezivitate pentru compozitii adezive sensibile la presiune	F. Mustata, I. Bicu	Mater. Plast., 41, 211-214	0.267	0
122. Aplicatii ale polimerilor cu proprietati de cristale lichide termotrope	L. Marin, M. Bruma	Mater. Plast., 41, 240-244	0.267	0
123. Studiu de biodegradare a unor materiale compozite cu matrici termoplastice si materiale lignocelulozice	N. Tudorachi	Mater. Plast., 41, 245-249	0.267	0
124. Compusi coordinativi imobilizati pe suporturi celulozice	D. Ganju, D. Bontea, D. Humelnicu, G. Singurelu	Mater. Plast., 41, 250-251	0.267	0
125. Synthesis of some bismaleimide monomers and their corresponding polyaminobismaleimides (via prepolymer) for radiative applications	M. Sava, C. Gaina, V. Gaina, F. Tanasa, M. Zanoaga, C. Chiriac	Mater. Plast., 41, 258-261	0.267	0
126. Studiul cinetic neizoterm al proceselor de degradare termica a unor cristale lichide azo-polieterice	N. Hurduc, M. Prajinaru, A. Creanga, N. Hurduc, S. Alazaroaie	Mater. Plast., 41, 41-44	0.267	0
127. Acidul 4-maleimidobenzoic precursor in sinteze de poliiimide	C. Gaina, V. Gaina, M. Sava	Mater. Plast., 41, 87-94	0.267	0
128. Sinteza si caracterizarea unor copolimeri pe baza de polietilenglicol sau alcool polivinilic cu acid lactic	N. Tudorachi, R. Lipsa	Mater. Plast., 41, 99-104	0.267	0
129. Thermal degradation of polyisobutylene studied by pyrolysis-gas chromatography	C. N. Cascaval	Rev. Chim., 55, 186-188	0.308	0

130. Sinteza directa a organohalogensilanilor. Perioada de inductie si mecanismul radicalic	N. Voiculescu	Rev. Chim., 55, 249-252	0.308	0
131. Evaluarea parametrilor caracteristici la retinerea Cr(VI) din solutii apoase prin schimb ionic in conditii dinamice pe anioniti puternic bazici	I. Untea, C. Orbeci, E. Tudorache, D. Turtoi, V. Neagu	Rev. Chim., 55, 439-443	0.308	0
132. New polyamide-esters containing benzonitrile or isopropylidene units in the main chain	I. Sava, M. Bruma	Rev. Roum. Chim., 49, 69-76	0.199	0
133. Poly(1,3,4-oxadiazole-esters-amide)s	I. Sava, M. D. Iosip, M. Bruma	Rev. Roum. Chim., 49, 515-523	0.199	0
134. Synthesis of comb-like polyarylenes by oxidative polymerization of a well-defined polystyrene macromer with naphthalene moieties	V. M. Mercore, I. Cianga, M. Grigoras, Y. Yagci	Rev. Roum. Chim., 49, 607-616	0.199	0
135. Polymers by Diels-Alder cycloaddition of bisbenzopyrones and bismaleimides	G. Colotin, M. Grigoras, C. I. Simionescu	Rev. Roum. Chim., 49, 617-622	0.199	0
136. Aromatic poly(phenylquinoxaline-amide)s containing pendant benzamide groups	I. Sava, N. Belomoina, M. Bruma	Rev. Roum. Chim., 49, 695-703	0.199	0
137. Poly(ester-N-substituted urethane)s with carboxylate groups. Synthesis, characterization and solution properties	E. C. Buruiana, M. Olaru, T. Buruiana, B. C. Simionescu	Rev. Roum. Chim., 49, 753-759	0.199	0
138. Siloxane triblock copolymers containing polyethyleneoxide	V. Hamciuc, L. Pricop, M. Marcu, S. Vlad, D. S. Pricop	Rev. Roum. Chim., 49, 77-83	0.199	0
139. Polyamides containing extended pendant groups of dimethylaminociannate type	E. Rusu, M. Onciu	Rev. Roum. Chim., 49, 507-513	0.199	0

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Nr. crt.	Titlul lucrării	Autorii	Revista	Factorul de impact	Numarul de citari
1.	Silicon-containing polyoxadiazoles. Synthesis and perspectives	M. Bruma, T. Kopnick	Adv. Colloid Interf. Sci., 116, 227-290	4.198	0
2.	Chelate polymers. IV. Siloxanes functionalized with chelating groups derived from hydroxyketones, their metal complexes and some polymers	M. Vasiliu, M. Cazacu, M. Marcu, C. Racles, A. Vlad	Appl. Organomet. Chem., 19, 614-620	1.190	0
3.	Exploiting the vitamin B12 pathway to enhance oral drug delivery via polymeric micelles	M. F. Francis, M. Cristea, F. M. Winnik	Biomacromolecules, 6, 2462-2467	3.618	2
4.	Cellulose acetate butyrate microcapsules containing dextran ion-exchange resins as self-propelled drug release system	G. Fundueanu, M. Constantin, E. Esposito, R. Cortesi, C. Nastruzzi, E. Menegatti	Biomaterials, 26, 4337-4347	4.698	5
5.	Rheological properties of hydrophobically modified carboxymethylcelluloses	D. Charpentier-Valenza, L. Merle, G. Mocanu, L. Picton, G. Muller	Carbohydrate Polym., 60, 87-94	1.583	2
6.	Interaction of chitosan with natural or synthetic anionic polyelectrolytes. 1. The chitosan-carboxymethylcellulose complex	C. Rosca, M. I. Popa, G. Lisa, G. C. Chitanu	Carbohydrate Polym., 62, 35-41	1.583	0
7.	Synthesis of new polyimidosulfides by Michael addition of bis(1-mercapto-2-ethylether) and amido thiosulfide	C. Gaina, V. Gaina	Des. Monom. Polym., 8, 145-158	0.809	0
8.	Poly(1,3,4-oxadiazole-amide) with pendant acetoxybenzamide or imide groups	I. Sava, C. Hamciuc	Des. Monom. Polym., 8, 249-263	0.809	0
9.	Polyethers and polythioethers containing 1,4-dithiin-2,3;5,6-tetrayl diimide	C. Gaina, V. Gaina	Des. Monom. Polym., 8, 347-363	0.809	1
10.	Synthesis and properties of new polyamides based on 2'-(4-dimethylaminocinnamoyloxy)ethyl-3,5-diaminobenzoate	E. Rusu, M. Onciu	Des. Monom. Polym., 8, 37-47	0.809	0
11.	Liquid crystalline epoxy thermosets with naphthyl mesogen	A. Mititelu-Mija, C. N. Cascaval, P. Navard	Des. Monom. Polym., 8, 487-500	0.809	0
12.	Synthesis and characterization of poly(ε-caprolactone)-b-polystyrene macromonomer by combined ring-opening and atom transfer radical polymerization and its use for preparation of grafted polyphenylenes by Suzuki polycondensation	S. Yurteri, I. Cianga, Y. Yagci	Des. Monom. Polym., 8, 61-74	0.809	0
13.	NMR relaxation study of molecular dynamics in columnar and smectic phases of a PAMAM liquid-crystalline codendrimer	A. Van-Quynh, D. Filip, C. Cruz, P. J. Sebastiao, A. C. Ribeiro, J. M. Rueff, M. Marcos, J. L. Serrano	Eur. Phys. J. E, Soft Matter, 18, 149-158	2.503	3
14.	Synthesis and characterization of some carbazole-based imine polymers	M. Grigoras, N. C. Antonoaia	Eur. Polym. J., 41, 1079-1089	1.765	0

15. On the compatibility of low density polyethylene/hydrolyzed collagen blends. II. New compatibilizers	M. C. Dascalu, C. Vasile, C. Silvestre, M. Pascu	Eur. Polym. J., 41, 1391-1402	1.765	2
16. Synthesis and characterization of new polyesters with enhanced phosphorus content	O. Petreus, T. Vlad-Bubulac, C. Hamciuc	Eur. Polym. J., 41, 2663-2670	1.765	0
17. Poly(1,3,4-oxadiazole-imide)s containing dimethylsilane groups	E. Hamciuc, C. Hamciuc, M. Bruma, B. Schultz	Eur. Polym. J., 41, 2989-2997	1.765	1
18. Polyelectrolyte capsules made of two biocompatible natural polymers	S. Vasiliu, M. Popa, M. Rinaudo	Eur. Polym. J., 41, 923-932	1.765	8
19. Organic sulfur compounds. VI. 5-(2-thienylmethyl)-1,2,4-triazole derivatives	G. Roman, D. Manciualea, R. Ardeleanu, L. Dumitrescu	Heterocyclic Commun., 11, 311-316	0.387	1
20. Synthesis and characterization of optically active polyimidothioethers	L. Cianga	High Perform. Polym., 17, 117-134	0.844	0
21. Liquid crystalline polymers. 15. Synthesis and thermal behaviour of some aromatic polyethers containing different spacers	S. Alazaroaie, C. O. Catanescu, D. Pavel, D. Scutaru, M. Romanic, V. Toader, C. I. Simionescu, N. Hurduduc	High Perform. Polym., 17, 149-160	0.844	1
22. Effect of solvent interactions on the properties of polyurethane films	S. Oprea	High Perform. Polym., 17, 163-173	0.844	1
23. Viscometric study of poly(dimethylsiloxane-b-N-vinylpyrrolidone) in water solutions	V. Epure, S. Ioan, M. Pinteala, V. Harabagiu, B. C. Simionescu	High Perform. Polym., 17, 251-261	0.844	0
24. Poly(1,3,4-oxadiazole-amide-ester)s and thin films made from them	I. Sava, M. Bruma, M. Szesztay, P. Muller	High Perform. Polym., 17, 263-275	0.844	0
25. Graft copolymers polydimethylsiloxane-polyethyleneoxide. Synthesis and characterization	L. Pricop, V. Hamciuc, M. Marcu, A. Ioanid, S. Alazaroaie	High Perform. Polym., 17, 303-312	0.844	0
26. Comparison of properties silicon-containing poly(amide-imide)s	I. Sava, M. Bruma, B. Schulz, T. Kopnick	High Perform. Polym., 17, 483-495	0.844	0
27. Influence of ester and ether groups on solution properties of polyurethanes	S. Ioan, M. Lupu, D. Macocinschi	High Perform. Polym., 17, 533-546	0.844	0
28. Synthesis of polysiloxaneimide with piezoelectric response	M. Simionescu, L. Sacarescu, R. Ardeleanu, G. Sacarescu	High Perform. Polym., 17, 73-84	0.844	0
29. Thermal stability of maleic acid-vinyl acetate copolymer in aqueous solution: Size exclusion chromatography analysis	G. C. Chitanu, M. Rinaudo, M. Milas, A. Carpov	Int. J. Polym. Anal. Charact., 10, 123-129	0.500	0
30. Optical properties of poly(vinyl-g-dimethylsiloxane) copolymers	S. Ioan, V. Lungu, V. Harabagiu	Int. J. Polym. Anal. Charact., 10, 361-372	0.500	0
31. Phthaloylation of cellulose acetate in acetic acid and acetone media	N. Olaru, L. Olaru	Iran. Polym. J., 14, 1058-1065	0.316	0
32. Synthesis and properties of new polyurethanes with triazene moieties in the main chain	E. C. Buruiana, V. Melinte, T. Buruiana, B. C. Simionescu	J. Appl. Polym. Sci., 96, 385-391	1.072	0
33. Poly(etherurethane) anionomers with azobenzene carboxylate groups: Synthesis and properties	T. Buruiana, E. C. Buruiana	J. Appl. Polym. Sci., 96, 577-582	1.072	0

34. Acrylic weak-base anion exchangers and their behaviours in the retention process of some heavy-metal cations	C. Luca, C. Maruta, I. Bunia, A. M. Urmenyi, M. Sandu, D. Rata	J. Appl. Polym. Sci., 97, 930-938	1.072	1
35. Polymerization in a magnetic field. XV Some azo-initiators behavior in a high magnetic field	A. P. Chiriac	J. Appl. Polym. Sci., 98, 1025-1031	1.072	0
36. Association of cationic surfactants with maleic acid copolymers. Dependence of binding on the nature of the neutral comonomer unit	M. Treeby, G. C. Chitanu, K. Kogej	J. Colloid Interf. Sci., 288, 280-289	2.023	1
37. Conducting copolymers of thiophene functionalized polystyrene with thiophene	E. Sahin, P. Camurlu, L. Toppare, V. M. Mercore, I. Cianga, Y. Yagci	J. Electroanal. Chem., 579, 189-197	2.223	0
38. Polycondensates of 2'-(chalcone-4-oxy)ethyl-3,5-diaminobenzoate with some aromatic dicarboxylic acids	E. Rusu, M. Onciu	J. Macromol. Sci., Part A: Pure Appl. Chem., 42, 1025-1036	0.749	1
39. Bismaleimide monomers and polymers with ester and ether units. Synthesis and properties	M. Sava, C. V. Grigoras	J. Macromol. Sci., Part A: Pure Appl. Chem., 42, 1095-1108	0.749	0
40. Poly(methylsilsesquioxane) with encapsulated Ru(III) complex	L. Sacarescu, R. Ardeleanu, G. Sacarescu, M. Simionescu	J. Macromol. Sci., Part A: Pure Appl. Chem., 42, 31-40	0.749	0
41. Effect of conformational rigidity on physical properties of some poly(imide-amide)s containing dimethylsilane units	C. Hamciuc, E. Hamciuc, M. Bruma, I. A. Ronova	J. Macromol. Sci., Part A: Pure Appl. Chem., 42, 61-69	0.749	0
42. Influence of degree of substitution on the optical properties of chloromethylated polysulfone	S. Ioan, A. Filimon, E. Avram	J. Macromol. Sci., Part B: Phys., 44, 129-135	0.861	0
43. Micro-domain structure of the siloxane-sulfone segmented polyesters: Statistical investigations	S. Bronnikov, C. Racles, V. Cozan, A. Nasonov, S. Sokolov	J. Macromol. Sci., Part B: Phys., 44, 21-29	0.861	0
44. Studies on the electronic transport properties of some new chelate compounds containing siloxane	I. Caplanus, M. Marcu, G. G. Rusu, M. Cazacu, M. Vasilovschi, G. I. Rusu	J. Macromol. Sci., Part B: Phys., 44, 727-737	0.861	0
45. Optimization of polyurethane membranes. Morphology and structure studies	V. Melnig, M. O. Apostu, V. Tura, C. Ciobanu	J. Membrane Sci., 267, 58-67	2.654	1
46. Mechanisms of reaction of aminoxyl (nitroxide), iminoxyl, and imidoxyl radicals with alkenes and evidence that in the presence of lead tetraacetate N-hydroxyphthalimide reacts with alkenes by both radical and nonradical mechanisms	S. Coseri, G. D. Mendenhall, K. U. Ingold	J. Org. Chem., 70, 4629-4636	3.675	3
47. Effect of UV radiation on the semi-interpenetrating polymer networks based on polyurethane and epoxy maleate of bisphenol	L. Rosu, C. N. Cascaval, C. Ciobanu, D. Rosu, E. D. Ion, C. Morosanu, M. Enachescu	J. Photochem. Photobiol. A: Chem., 169, 177-185	2.286	2
48. Synthesis and characterization of new hard polyurethanes with triazene pendants	E. C. Buruiana, V. Melinte, T. Buruiana, T. Lippert, H. Yoshikawa, H. Mashuhara	J. Photochem. Photobiol. A: Chem., 171, 261-267	2.286	1
49. Thermodynamics of self-assembling of hydrophobically modified cationic polysaccharides and their mixtures with oppositely charged surfactants in aqueous solution	G. Bai, M. Nichifor, A. Lopez, M. Bastos	J. Phys. Chem. B, 109, 21681-21689	4.033	2
50. Thermodynamic characterization of the interaction	G. Bai, M. Nichifor, A. Lopes, M.	J. Phys. Chem. B, 109, 518-525	4.033	11

behavior of a hydrophobically modified polyelectrolyte and oppositely charged surfactants in aqueous solution: Effect of surfactant alkyl chain length	Bastos			
51. Diels-Alder polymers from resinic acids	F. Mustata, I. Bicu	J. Polym. Eng., 25, 217-238	0.312	0
52. Synthesis of ionic polyurethanes with pyrene rings. Spectral properties and fluorescence quenching study	E. C. Buruiana, T. Buruiana, G. Strat, M. Strat	J. Polym. Sci., Part A: Polym. Chem., 43, 3945-3956	3.027	1
53. PAN composite membrane with different solvent affinities controlled by surface modification methods	E. S. Dragan, M. Mihai, J. Schauer, L. Ghimici	J. Polym. Sci., Part A: Polym. Chem., 43, 4161-4171	3.027	0
54. Synthesis and characterization of new alternating, amphiphilic, comblike copolymers of poly(ethylene oxide) macromonomer and N-phenylmaleimide	L. Cianga, A. Sarac, K. Ito, Y. Yagci	J. Polym. Sci., Part A: Polym. Chem., 43, 479-492	3.027	4
55. Multifunctional, water-soluble, C60-pendant maleic anhydride copolymer	G. Aldea, G. C. Chitanu, J. Delaunay, J. M. Nunzi, B. C. Simionescu, J. Cousseau	J. Polym. Sci., Part A: Polym. Chem., 43, 5814-5822	3.027	0
56. Polymers from a levopimaric acid-acrylonitrile Diels-Alder adduct: Synthesis and characterization	I. Bicu, F. Mustata	J. Polym. Sci., Part A: Polym. Chem., 43, 6308-6322	3.027	0
57. New polyphenylene-g-polystyrene and polyphenylene-g-polystyrene/poly(ϵ -caprolactone) copolymers by combined controlled polymerization and cross-coupling processes	S. Yurteri, I. Cianga, A. L. Demirel, Y. Yagci	J. Polym. Sci., Part A: Polym. Chem., 43, 879-896	3.027	0
58. Electrical conductivity of some cationic polysaccharides. I. Effects of polyelectrolyte concentration, charge density, substituent at the ionic group and solvent polarity	L. Ghimici, M. Nichifor	J. Polym. Sci., Part B: Polym. Phys., 43, 3584-3590	1.739	1
59. Matrix-assisted pulsed laser evaporation of azopolyurethane thin films	R. Cristescu, E. Axente, G. Socol, A. Moldovan, D. Mihaiescu, I. Stamatina, T. Buruiana, M. Jelinek, I. N. Mihailescu, D. B. Chrissey	Laser Phys., 15, 1686-1690	0.684	1
60. Interpolymer complex between hydroxypropyl cellulose and maleic acid-styrene copolymer. Phase behavior of semi-dilute solutions	G. G. Bumbu, J. Eckelt, B. A. Wolf, C. Vasile	Macromol. Biosci., 5, 936-944	1.891	0
61. Preparation and characterisation of thermoresponsive poly[(N-isopropylacrylamide-co-acrylamide-co-(hydroxyethyl acrylate)] microspheres as a matrix for the pulsed release of drugs	G. Fundueanu, M. Constantin, F. Bartolotti, P. Ascenzi, R. Cortesi, E. Menegatti	Macromol. Biosci., 5, 955-964	1.891	1
62. Synthesis and characterization of water soluble saccharide functionalized polysiloxanes and their use as polymer surfactants for the stabilization of polycaprolactone nanoparticles	C. Racles, T. Hamaide	Macromol. Chem. Phys., 206, 1757-1768	2.111	1
63. Interpolymer complexes between hydroxypropylcellulose and copolymers of maleic acid: A comparative study	G. G. Bumbu, C. Vasile, G. C. Chitanu, G. Staikos	Macromol. Chem. Phys., 206, 540-546	2.111	2

64. First homopolymerizable monomer containing [C60]fullerene as a monoadduct substituent	C. Ungurenasu, M. Pinteala	Macromol. Rapid Commun., 26, 707-709	3.126	1
65. Synthesis and characterization of thermally curable benzoxazine-functionalized polystyrene macromonomers	B. Kiskan, D. Colak, A. E. Muftuoglu, I. Cianga, Y. Yagci	Macromol. Rapid Commun., 26, 819-824	3.126	0
66. Layered morphology of poly(phenylene)s in thin films induced by substitution of well-defined poly(ϵ - caprolactone) side chains	A. L. Demirel, S. Yurteri, I. Cianga, Y. Yagci	Macromolecules, 38, 6402-6410	4.024	1
67. Peculiar molecular dynamics behaviour in the isotropic phase of some liquid crystalline systems	D. Filip, C. Cruz. P. J. Sebastiao, A. C. Ribeiro, T. Meyer, G. H. Mehl	Mol. Cryst. Liq. Cryst., 436, 971-982	0.468	0
68. A novel approach in cinnamic acid synthesis. Direct synthesis of cinnamic acids from aromatic aldehydes and aliphatic carboxylic acids in the presence of boron tribromide	C. I. Chiriac, F. Tanasa, M. Onciu	Molecules, 10, 481-487	1.113	0
69. Engineering polysaccharide-based polymeric micelles to enhance permeability of cyclosporin A across Caco-2 cells	M. F. Francis, M. Cristea, Y. Yang, F. M. Winnik	Pharm. Res., 22, 209-219	2.752	10
70. Deuterium NMR investigation of the biaxial nematic phase in an organosiloxane tetrapode	J. L. Figueirinhas, C. Cruz, D. Filip, G. Feio, A. C. Ribeiro, Y. Frere, T. Meyer, G. H. Mehl	Phys. Rev. Lett., 94, 107802/1-4	7.489	7
71. Polyhydroxyetheresters from resin acids	F. Mustata, I. Bicu, D. Rosu	Polimery, 50, 176-181	0.990	0
72. Aromatic polyamides containing chalconyl substituted m-phenylenediamine segments	E. Rusu, M. Onciu	Polimery, 50, 797-804	0.990	0
73. On the curing reaction of an epoxy resin based on mesogenic naphthalene derivative	A. Mititelu-Mija, C. N. Cascaval, P. Navard	Polimery, 50, 839-843	0.990	2
74. Highly crosslinked polysilane-Schiff base	L. Sacarescu, R. Ardeleanu, G. Sacarescu, M. Simionescu	Polym. Bull., 54, 29-37	0.904	1
75. Removal of nitrogen, bromine and chlorine from PP/PE/PS/PVC/ABS-Br pyrolysis liquid products using Fe- and Ca-based catalysts	M. Brebu, T. Bhaskar, K. Murai, A. Muto, Y. Sakata, M. A. Uddin	Polym. Degrad. Stab., 87, 225-230	1.749	2
76. Thermal and thermo-oxidative behaviour of butadiene-styrene copolymers with different architectures	S. B. Munteanu, M. Brebu, C. Vasile	Polym. Degrad. Stab., 89, 501-512	1.749	3
77. Synthesis of polyurethane cationomers with anil groups: intramolecular proton transfer in salicylideneanil structures	E. C. Buruiana, M. Olaru, M. Strat, G. Strat, B. C. Simionescu	Polym. Int., 54, 1296-1303	1.251	0
78. Synthesis and characterization of thiophene functionalized polystyrene copolymers and their electrochemical properties	E. Sahin, P. Camurlu, L. Toppare, V. M. Mercore, I. Cianga, Y. Yagci	Polym. Int., 54, 1599-1605	1.251	4
79. Synthesis of isoelectric polyazomethine and poly(acrylic vinylene) by a palladium-catalyzed Suzuki coupling method	M. Grigoras, N. C. Antonoaia	Polym. Int., 54, 1641-1646	1.251	0
80. Structure - LC properties relationship in siloxane-azomethine compounds	C. Racles, M. Cazacu, M. Vasiliu, V. Cozan	Polym. Plast. Technol. Eng., 44, 1049-1058	0.358	0

81. Liquid crystalline epoxy thermoset obtained from bisphenyl mesogen	A. Mititelu, C. N. Cascaval	Polym. Plast. Technol. Eng., 44, 151-162	0.358	0
82. Correlation between hydrodynamic volume, density in solution and unperturbed dimensions of poly(ester urethane)s with different hard segments	S. Ioan, M. Lupu, D. Macocinschi	Polym. Plast. Technol. Eng., 44, 567-582	0.358	0
83. New siloxane-azomethine alternating copolymers	M. Vasiliu, M. Cazacu, M. Marcu, S. Ioan	Polym. Plast. Technol. Eng., 44, 993-1002	0.358	0
84. Mechanical response of dibenzyl-based polyurethanes with diol chain extension	C. Prisacariu, C. P. Buckley, A. A. Caraculacu	Polymer, 46, 3884-3894	2.849	4
85. New fluorinated poly(1,3,4-oxadiazole-ether-imide)s	C. Hamciuc, E. Hamciuc, M. Bruma, I. A. Ronova	Polymer, 46, 5851-5859	2.849	3
86. Interpolymer complexes between hydrophobically modified poly(methacrylic acid) and poly(N-vinylpyrrolidone)	M. Pinteala, T. Budtova, V. Epure, N. Belnikevich, V. Harabagiu, B. C. Simionescu	Polymer, 46, 7047-7054	2.849	3
87. Comparison of primary monoatomic with primary polyatomic ions for the characterization of polyesters with static secondary ion mass spectrometry	P. Van Royen, A. Taranu, L. Van Vaeck	Rapid Commun. Mass Spectrometry, 19, 552-560	3.087	6
88. Heterocyclic compounds with potential biological activity coupled on poly(maleic anhydride-alt-vinyl acetate)	V. Sunel, M. Popa, C. L. Dumitru, A. Ciobanu, I. Bunia, A. A. Popa	React. Funct Polym., 65, 367-380	1.565	0
89. Hybrid HAp-maleic anhydride copolymer nanocomposites obtained by in situ functionalisation	R. M. Piticescu, G. C. Chitanu, M. Albulescu, M. Giurginca, M. L. Popescu, W. Lojkowski	Solid State Phenomena, 106 (From Nanopowders to Functional Materials), 47-56	0.493	0
90. Synthesis and characterization of nitrogen bridged [C60]fullerene/3'-deoxytimidine conjugates	C. Ungurenasu, M. Pinteala, B. C. Simionescu	Synthesis, (3), 361-363	2.401	1
91. Structural changes of cellulose determined by dissolution in aqueous alkali solution	D. Ciolacu, V. I. Popa	Cell. Chem. Technol., 39, 179-188	0.155	0
92. Contributions to the modification of lignocellulosics by epoxidation and esterification	G. Constantinescu, V. I. Popa, G. Cazacu	Cell. Chem. Technol., 39, 201-210	0.155	0
93. Thermogravimetry and chemical investigation on the oak tree wood from the North-East of Romania	R. Bodirlau, I. Spiridon, C. A. Teaca, V. I. Popa	Cell. Chem. Technol., 39, 25-35	0.155	0
94. On the thermal stability of the cellulose acetate trimellitate	N. Olaru, L. Olaru	Cell. Chem. Technol., 39, 369-376	0.155	0
95. Interaction of chitosan with natural or synthetic anionic polyelectrolytes. II. The chitosan-alginate complex	C. Rosca, M. I. Popa, G. C. Chitanu, M. Popa	Cell. Chem. Technol., 39, 415-422	0.155	0
96. 1,2-Polybutadiene, a potential filtering material for photostabilization and photoprotection of cellulosic supports	N. Vrinceanu, M. Avadanei, S. Ciovica, V. Barboiu, G. E. Grigoriu	Cell. Chem. Technol., 39, 423-436	0.155	0
97. Influence of natural stress factors on some Salicaceae species	I. Spiridon, C. A. Teaca, R. Bodarlau	Cell. Chem. Technol., 39, 451-457	0.155	0
98. The effect of the preparation conditions of chitosan	C. Luca, S. Vasiliu, M. Popa	Cell. Chem. Technol., 39, 55-63	0.155	0

particles on their behaviour in the retention and release processes of some drugs				
99. On the chitosan-chlorolignin interaction	C. A. Teaca, N. Anghel, V. I. Popa	Cell. Chem. Technol., 39, 573-580	0.155	0
100. The electrostatic behaviour of materials used in restoration-conservation process	G. E. Ioanid, D. Parpauta, A. M. Vlad	J. Optoelectr. Adv. Mater., 7, 1643-1649	1.138	0
101. Characterization of water-soluble polyamidohydroxyurethane for biological applications	V. Melnig, C. Ciobanu	J. Optoelectr. Adv. Mater., 7, 2809-2814	1.138	3
102. Characterization of poly[9,9-bis(2-ethylhexyl)-fluorene-co-9-ethylcapronate fluorene-2,7 diyl] conducting polymer	V. Melnig, A. Farcas, G. Rusu, C. Baban	J. Optoelectr. Adv. Mater., 7, 2875-2880	1.138	0
103. Asymmetric membranes from polystyrene/polyolefin blends	M. E. Chiriac, V. Chiriac, C. Vasile, M. Pascu	J. Optoelectr. Adv. Mater., 7, 2895-2900	1.138	0
104. Spectral and thermal characterization of styrene-butadiene copolymers with different architectures	S. B. Munteanu, C. Vasile	J. Optoelectr. Adv. Mater., 7, 3135-3148	1.138	0
105. Fluorescence properties of the polyurethane with anchored stilbene chromophore	G. Strat, E. Buruiana, T. Buruiana, V. Pohoata, M. Strat	J. Optoelectr. Adv. Mater., 7, 925-928	1.138	1
106. Aspecte privind reactia alcoolului polivinilic cu acidul fosforos	O. Petreus, T. Vlad-Bubulac, G. Cazacu	Mater. Plast., 42, 115-119	0.412	0
107. Advanced materials based on epoxy resins 3. Liquid crystalline polymers with biphenyl mesogen	C. N. Cascaval, A. Mititelu	Mater. Plast., 42, 120-123	0.412	0
108. Polimeri degradabili. Siloxani in structuri polimerice degradabile hidrolitice	M. Cazacu, C. Racles, A. Airinei, A. Vlad, M. Marcu	Mater. Plast., 42, 12-16	0.412	0
109. Prepararea si caracterizarea termica a unor amestecuri de rasina epoxidica si poliaminobismaleimide	M. Sava	Mater. Plast., 42, 1-4	0.412	0
110. Synthesis of a new aromatic aldehydes useful for the preparation of azomethine mesogens	L. Marin, V. Cozan	Mater. Plast., 42, 143-145	0.412	0
111. Studii privind eliberarea codeinei din matrici polimere metacrilice	L. E. Nita, A. P. Chiriac	Mater. Plast., 42, 146-150	0.412	0
112. Studiul influentei produsilor secundari rezultati in sinteza 4,4'-bismaleimidodifenilmetanului asupra comportarii termice a acestuia cat si a rasinilor poliaminobismaleimidice	C. Gaina, V. Gaina	Mater. Plast., 42, 151-155	0.412	0
113. Bismaleimide functionale continand derivati ai acidului salicilic	C. Hulubei	Mater. Plast., 42, 160-162	0.412	0
114. Sinteza si caracterizarea unor rasini p-aminofenol/acizi rezinici anilin/formaldehidice	F. Mustata, I. Bicu	Mater. Plast., 42, 17-21	0.412	0
115. Polyaminobismaleimide prepolymers modified epoxy resins to be used as thermally stable compositions	C. Gaina, V. Gaina, C. V. Grigoras	Mater. Plast., 42, 183-187	0.412	0
116. Poliesteri reticulabili	C. Hulubei	Mater. Plast., 42, 188-191	0.412	0
117. Turpentine as the raw chemicals for the polymerization	C. Cascaval, C. Ciobanu, L. Rosu, D.	Mater. Plast., 42, 229-232	0.412	0

processes	Rosu			
118. Compozite poliamida 6/carbonat de calciu obtinute prin formare rotatională la via polimerizarea anionică a ϵ -caprolactamei	G. Rusu	Mater. Plast., 42, 233-238	0.412	0
119. Cristale lichide polimere cu mesogen în catena principală. Corelații structură - proprietăți termotrope	L. Marin, V. Cozan, M. Bruma	Mater. Plast., 42, 239-244	0.412	0
120. Poly(ϵ -caprolactam) as support for some biocidal polymers. I. Structural characterization by FT-IR spectroscopy	E. Rusu, D. Dorohoi, G. Rusu, I. Hurjui	Mater. Plast., 42, 252-257	0.412	0
121. Liquid crystalline thermosets from 4,4'-bisphenol	C. N. Cascaval, A. Mititelu	Mater. Plast., 42, 264-267	0.412	0
122. Compozite pe bază de matrici termoplastice și materiale de ranforsare termosensibile	M. Zanoaga, Y. Mamunya, F. Tanasa, V. Myshak, E. Lebedev, C. Grigoras	Mater. Plast., 42, 272-278	0.412	0
123. Tranziții vitroase la amestecuri de polimeri pe bază de polistiren/polisulfona și derivații lor clormetilati	N. Aelenei, E. Avram	Mater. Plast., 42, 279-282	0.412	0
124. Influence of conformational parameters on physical properties of heterocyclic polymers containing pendent bulky groups	C. Hamciuc, E. Hamciuc	Mater. Plast., 42, 283-289	0.412	0
125. Cristale lichide polimere. Terminologie și concepte	L. Marin, V. Cozan	Mater. Plast., 42, 28-34	0.412	0
126. Polyurethane coatings for corrosive protection	S. Vlad	Mater. Plast., 42, 293-296	0.412	0
127. O nouă metodă de sinteză a bismaleimidelor cu structură alifatic-aromatică cu legături amidice/esterice	C. Gaina, V. Gaina	Mater. Plast., 42, 297-301	0.412	0
128. Comportarea termică în condiții neizoterme a unor copolimeri aromatici cu spațiator tetrametilenic	C. Damian, N. Hurduc, G. Lisa, S. Alazaroaie, N. Hurduc	Mater. Plast., 42, 302-306	0.412	0
129. Advanced materials based on epoxy resins. 2. Interpenetrating polymer networks	C. N. Cascaval, D. Rosu, L. Rosu	Mater. Plast., 42, 41-46	0.412	0
130. Influence of the hard segment contents on mechanical behavior of some poly(ether-urethane-urea)s	S. Vlad	Mater. Plast., 42, 63-67	0.412	0
131. Evaluation of the mechanical properties of precipitated polyurethane films in reactive agent medium	S. Oprea	Mater. Plast., 42, 68-71	0.412	0
132. Sinteza și studiul proprietăților termice ale unor noi polihidrazide și poli-1,3,4-oxadiazoli cu grupe acetoxibenzamidice în catena laterală	M. D. Damaceanu, I. Sava, M. Bruma	Mater. Plast., 42, 81-87	0.412	2
133. Compusi coordinați imobilizați pe suporturi celulozice	D. Ganju, D. Bontea, D. Humelnicu, G. Singurelu	Rev. Chim., 56, 444-445	0.278	0
134. Isomorphous substitution of Fe ³⁺ in the framework of large pore mordenite	A. Vasile, D. Dorohoi, D. Timpu	Rev. Chim., 56, 468-472	0.278	0
135. Compusi organici ai sulfurii V. Noi derivați ai hidrazidei acidului 2-tienilacetic	G. Roman, I. Manciulea, R. Ardeleanu	Rev. Chim., 56, 672-676	0.278	0
136. Adsorbția U(VI) din soluții de HCl de pe rășini schimbătoare de anioni	D. Axente, C. Marcu, E. S. Dragan, E. Avram	Rev. Chim., 56, 826-829	0.278	1

137. Autentificarea monedelor antice din bronz prin studiiul patinei arheologice I. Compozitie si structura	I. G. Sandu, S. Stoleriu, I. Sandu, M. Brebu, A. V. Sandu	Rev. Chim., 56, 981-994	0.278	1
138. Modified starch copolymers with possible biomedical applications	N. Tudorachi, R. Lipsa	Rev. Roum. Chim., 50, 175-184	0.226	0
139. Poly(arylenevinylene)s - methods of synthesis	M. Grigoras, N. C. Antonoaia	Rev. Roum. Chim., 50, 245-256	0.226	0
140. Synthesis, structure and mesogenic properties of some alkylammonium derivatives	E. C. Buruiana, T. Buruiana, V. Melinte, I. Negulescu	Rev. Roum. Chim., 50, 465-470	0.226	1
141. Polystyrene/poly[{N-acetylimino}ethylene] copolymers. Interaction with platinum compounds with formation of stable hybrid platinum nanocatalysts/polymer systems	G. David, C. Paduraru, D. Bilba, B. C. Simionescu	Rev. Roum. Chim., 50, 519-525	0.226	1
142. A novel reaction of cyanide with 2,2-dihydroxy-1,3-indanedione	G. Drochioiu, I. Mangalagiu, K. Popa, E. Avram, R. Molnar, I. Druta	Rev. Roum. Chim., 50, 53-59	0.226	0
143. Hydrolytic enzymes effects on straw cellulosic pulp	I. Spiridon	Rev. Roum. Chim., 50, 541-545	0.226	0
144. Physico-chemical description of the photocrosslinking process and state in solid polymers. 1. Case of the simplest kinetics applied on photocrosslinkable monodisperse polymers	V. Barboiu, M. I. Avadanei	Rev. Roum. Chim., 50, 565-570	0.226	0
145. Preparation and study of new poly(phenylquinoxaline-ether-imide)s	R. Lungu, E. Hamciuc, M. Bruma, M. Szesztay, P. Muller, N. M. Belomoina	Rev. Roum. Chim., 50, 579-587	0.226	0
146. Synthesis and characterization of maleic anhydride copolymers and their derivatives. 1. Addition polymerization - literature survey	G. C. Chitanu, I. Popescu, A. Carpov	Rev. Roum. Chim., 50, 589-599	0.226	0
147. Synthesis and characterization of new compounds containing 1,4-dithiintetracarboxydiimide units	C. Gaina	Rev. Roum. Chim., 50, 601-607	0.226	0
148. Polycations of the integral type with N,N-dimethyl-2-hydroxypropyleneammonium chloride units as components in the construction of multilayer thin films on planar substrates	E. S. Dragan, S. Schwarz	Rev. Roum. Chim., 50, 615-620	0.226	0
149. New boron reagents for designed organic synthesis. 2. Cinnamic acids synthesis in the presence of sodium tetramethoxyborate-lithium chloride	C.I. Chiriac, F. Tanasa, M. Onciu	Rev. Roum. Chim., 50, 627-631	0.226	0
150. Preparation and study of new phenolic azomethine compounds	V. Cozan, L. Marin, M. Bruma	Rev. Roum. Chim., 50, 641-648	0.226	0
151. Synthesis and study of new symmetric azomethine trimers containing biphenyl units	L. Marin, V. Cozan, M. Bruma	Rev. Roum. Chim., 50, 649-653	0.226	0
152. Alfa-chlorosuccinimides - A new source for maleimides and succinimides	C. Gaina, V. Gaina	Rev. Roum. Chim., 50, 655-661	0.226	0
153. Compared properties of thin films from poly(1,3,4-oxidazole)s	I. Sava, M. Bruma	Rev. Roum. Chim., 50, 783-790	0.226	0
154. Sythesis and properties of new poly(imide-amide)s	I. Sava, M. Bruma	Rev. Roum. Chim., 50, 791-798	0.226	0

155. Study of fluorinated poly(1,3,4-oxadiazole-amide)s

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Rev. Roum. Chim., 50, 815-830

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NUMAR LUCRARI/2005: 155

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Nr. crt.	Titlul lucrarii	Autorii	Revista	Factorul de impact	Numarul de citari
1.	Submicron structure in biocompatible ferrofluids	G. Matei, A. Airinei, D. E. Creanga	Acta Phys. Pol. A, 109, 405-410	0.371	0
2.	Siloxane surfactants in polymer nanoparticles formulation	C. Racles, T. Hamaide, A. Ioanid	Appl. Organomet. Chem., 20, 235-245	1.233	0
3.	Amphiphilic sorbents based on polysiloxanes crosslinked by a N,N'-heterocycle	M. Cazacu, A. Ioanid, G. Ioanid, C. Racles, A. Vlad	Appl. Organomet. Chem., 20, 494-498	1.233	0
4.	Matrix assisted pulsed laser evaporation processing of triacetate-pullulan polysaccharide thin film for drug delivery systems	R. Cristescu, G. Dorcioman, C. Ristoscu, E. Axente, S. Grigorescu, A. Moldovan, I. N. Mihailescu, T. Kocourek, M. Jelinek, M. Albulescu, T. Buruiana, D. Mihaiescu, I. Stamat, D. B. Chrisey	Appl. Surf. Sci., 252, 4647-4651	1.436	3
5.	Polydiphenylsilanes bearing photosensitive azocrown groups	L. Sacarescu, R. Ardeleanu, G. Sacarescu, M. Simionescu, N. Hurduc	Chem. Commun., (7), 788-789	4.521	0
6.	Alkaline hydrothermal treatment of brominated high impact polystyrene (HIPS-Br) for bromine and bromine-free plastic recovery	M. Brebu, T. Bhaskar, A. Muto, Y. Sakata	Chemosphere, 64, 1021-1025	2.442	1
7.	Polyelectrolyte complex dispersions with high colloidal stability controlled by the polyion structure and titrant addition rate	E. S. Dragan, M. Mihai, S. Schwarz	Colloids Surf. A: Physicochem. Eng. Aspects, 290, 213-221	1.611	0
8.	Strain-induced matrix and droplets anisotropic deformation in liquid crystalline cellulose dispersed liquid crystal films	D. Filip, I. Costa, J. L. Figueirinhas, M. H. Godinho	Compos. Interfaces, 13, 477-486	0.788	0
9.	Synthesis and properties of polyurethane cationomers with urethane-cholesteryl and dodecylmethylammonium moieties	T. Buruiana, E. C. Buruiana, M. Moldovan	Des. Monom. Polym., 9, 41-54	0.890	0

10. Versatile preparation of ester bismaleimides by dehydrochlorination-condensation reactions	C. Gaina, V. Gaina	Des. Monom. Polym., 9, 649-661	0.890	0
11. Synthesis and characterization of a new phenanthroline-triether copolymer with rotaxane architecture	A. Farcas, V. Harabagiu	e-Polymers, Paper No. 071, 1-8	0.934	0
12. Studies on the preparation of telechelic polymers by atom transfer radical polymerization and cross coupling processes	Y. Y. Durmaz, I. Cianga, Y. Yagci	e-Polymers, Paper No. 050, 1-9	0.934	1
13. Chemical and physico-chemical characterization of ionomers	C. Iojoiu, P. Genova-Dimitrova, M. Marechal, J. Y. Sanchez	Electrochimica Acta, 51, 4789-4801	2.955	1
14. Citric-acid-coated magnetite nanoparticles for biological applications	M. Racuciu, D. E. Creanga, A. Airinei	Eur. Phys. J. E, Soft Mater, 21, 117-121	2.373	0
15. Synthesis and thermal behaviour of new poly(azomethine-ether)	L. Marin, V. Cozan, M. Bruma, V. C. Grigoras	Eur. Polym. J., 42, 1173-1182	2.113	0
16. Synthesis of poly(Schiff-base)s by organometallic processes	I. Cianga, M. Ivanoiu	Eur. Polym. J., 42, 1922-1933	2.113	1
17. Composite membranes based on gellan and poly(N-vinylimidazole). Synthesis and characterization	I. C. Alupeu, M. Popa, A. Bejenariu, S. Vasiliu, V. Alupeu	Eur. Polym. J., 42, 908-916	2.113	0
18. GD3-replica peptides selected from a phage peptides library induce a GD3 ganglioside antibody response	I. Popa, D. Ishikawa, M. Tanaka, K. Ogino, J. Portoukalian, T. Taki	FEBS LETTERS 580, 1398-1404	3.372	0
19. Novel debromination method for flame-retardant high impact polystyrene (HIPS-Br) by ammonia treatment	M. Brebu, Y. Sakata	Green Chem., 8, 984-987	4.192	0
20. Metal complexes of maleimide compounds	C. Hulubei, M. Cazacu, S. Morariu	High Perform. Polym., 18, 101-111	0.699	0
21. New heterocyclic polyurethane-ureas based on 4,4'-dibenzyl diisocyanate. 1. Influence of oxadiazole structure on mechanical properties	E. Scortanu, C. Prisacariu, A. A. Caraculacu, M. Bruma, N. Sulitanu	High Perform. Polym., 18, 127-143	0.699	0
22. Radical copolymerization of functional N-substituted maleimides with N-vinyl-2-pyrrolidone	S. Morariu, C. Hulubei	High Perform. Polym., 18, 185-188	0.699	0
23. New crosslinked bead-like copolymers based on N-p-carboxyphenyl-maleimide	C. Hulubei, C. D. Vlad, M. V. Dinu	High Perform. Polym., 18, 243-253	0.699	0
24. Synthesis and properties of some phosphorus-containing polyesters	T. Vlad-Bubulac, C. Hamciuc, O. Petreus	High Perform. Polym., 18, 255-264	0.699	0
25. Electrochemical synthesis of some polyazomethines by organometallic reductive catalysis	D. Conduruta, I. Cianga, A. Airinei, M. Grigoras, M. Ivanoiu	High Perform. Polym., 18, 313-323	0.699	0
26. Conformational aspects of siloxane-azomethine alternating copolymers in diluted solution	S. Ioan, M. Vasiliu, M. Cazacu	High Perform. Polym., 18, 3-16	0.699	0
27. Nylon/SiO ₂ nanocomposites synthesized by in situ anionic polymerization	G. Rusu, E. Rusu	High Perform. Polym., 18, 355-375	0.699	0
28. Influence of the conformational parameters on physical properties of some heterocyclic polymers containing	C. Hamciuc, E. Hamciuc, M. Bruma, I. A. Ronova	High Perform. Polym., 18, 45-55	0.699	0

dimethylsilane units				
29. Thermal behavior of aromatic polysulfones with pendent viologen groups	E. Avram, G. Lisa, N. Hurduc	High Perform. Polym., 18, 479-493	0.699	0
30. New heterocyclic polyurethane-ureas based on 4,4'-dibenzyl diisocyanate. 2. Influence of pyridine units on the mechanical properties	E. Scortanu, C. Prisacariu, E. G. Hitruc, A. A. Caraculacu	High Perform. Polym., 18, 877-891	0.699	0
31. Synthesis and study of arylenevinylene and arylenimine-type polymers containing N-hexyl-3,6-carbazolyl groups	D. Conduruta, N. C. Antonoaia, M. Grigoras, M. Ivanoiu	High Perform. Polym., 18, 979-989	0.699	0
32. Melanoma derived gangliosides impair migratory and antigen-presenting function of human epidermal Langerhaus cells and induce their apoptosis	K. Bennaceur, I. Popa, J. Portoukalina, O. Berthier-Vergnes, J. Peguet-Navarro	Int. Immunol., 18, 879-886	4.015	1
33. Computational study of maleamic acid cyclodehydration with acetic anhydride	M. Constantinescu, D. Ivanov	Int. J. Quantum Chem., 106, 1330-1337	1.182	0
34. Multiobjective tabu search method used in chemistry	T. Rusu, V. Bulacovschi	Int. J. Quantum Chem., 106, 1406-1412	1.182	0
35. The effect of some fillers on PVC degradation	T. Karayildirim, J. Yanik, M. Yuksel, M. Saglam, C. Vasile, H. Bockhorn	J. Anal. Appl. Pyrolysis, 75, 112-119	1.412	1
36. Cellulose derivatives with adamantoyl groups	D. Ciolacu, V. I. Popa, H. Ritter	J. Appl. Polym. Sci., 100, 105-112	1.306	1
37. Possibilities of collagen adsorption on some polymeric matrices based on styrene polymers	L. E. Nita, A. P. Chiriac, C. Vasile	J. Appl. Polym. Sci., 100, 3554-3561	1.306	0
38. Magnetic composites obtainement based on styrene polymers	L. E. Nita, A. P. Chiriac, I. Neamtu, C. Vasile	J. Appl. Polym. Sci., 100, 4133-4141	1.306	0
39. Structure and properties of polymer-wood composites based on an aliphatic copolyamide and secondary polyethylenes	Y. Mamunya, M. Zanoaga, V. Myshak, F. Tanasa, E. Lebedev, C. Grigoras, V. Semynog	J. Appl. Polym. Sci., 101, 1700-1710	1.306	0
40. Synthesis and properties of brominate bismaleimide monomers	M. Sava	J. Appl. Polym. Sci., 101, 3881-3885	1.306	0
41. Influence of the degree of substitution on the solution properties of chloromethylated polysulfone	S. Ioan, A. Filimon, E. Avram	J. Appl. Polym. Sci., 101, 524-531	1.306	0
42. Bismaleimide monomers with amide units. Sythesis and properties	M. Sava	J. Appl. Polym. Sci., 101, 567-572	1.306	0
43. Silicon-containing heterocyclic polymers and thin films made therefrom	C. Hamciuc, E. Hamciuc, T. Pakula, L. Okrasa	J. Appl. Polym. Sci., 102, 3062-3068	1.306	1
44. Electrochromic properties and electrochromic device application of copolymer of N-(4-(3-thienyl methylene)-oxycarbonylphenyl)maleimide with thiophene	M. Ak, P. Camurlu, F. Yilmaz, L. Cianga, Y. Yagci, L. Toppare	J. Appl. Polym. Sci., 102, 4500-4505	1.306	0
45. Studies of the electronic transport and optical properties of some new chelate modified polysulfones in thin films	G. I. Rusu, A. Airinei, C. Baban, G. G. Rusu, D. Mardare, M. Rusu	J. Appl. Polym. Sci., 99, 100-106	1.306	0
46. Vitrification of polymer solutions as a function of solvent	M. Bercea, B. A. Wolf	J. Chem. Phys., 124, 174902/1-	3.166	0

quality, analyzed via vapor pressures		174902/7		
47. Transport properties of some cationic polysaccharides 2. Charge density effect	L. Ghimici, M. Nichifor	J. Colloid Interf. Sci., 302, 589-596	2.233	0
48. Chemical oxidative polymerization of beta-cyclodextrin/aniline inclusion complex	M. Grigoras, D. G. Conduruta	J. Inclusion Phenomena Macrocyclic Chem., 54, 101-107	1.251	1
49. New phosphorus-containing copolyesters	C. Hamciuc, T. Vlad-Bubulac, I. Sava, O. Petreus	J. Macromol. Sci., Part A: Pure Appl. Chem., 43, 1355-1364	0.800	0
50. New poly(imide-ether-amide)s based on epiclon	E. Hamciuc, R. Lungu, C. Hulubei, M. Bruma	J. Macromol. Sci., Part A: Pure Appl. Chem., 43, 247-258	0.800	0
51. Micellization process in poly(ether urethane) solutions	M. Lupu, D. Macocinschi, V. Epure, A. Ioanid, C. V. Grigoras, S. Ioan	J. Macromol. Sci., Part B: Phys., 45, 395-405	0.731	0
52. New ferrocene-containing structures. Poly(silyl ester)s	M. Cazacu, G. Munteanu, C. Racles, A. Vlad, M. Marcu	J. Organomet. Chem., 691, 3700-3707	2.332	1
53. Effect of UV radiation on photolysis of epoxy maleate of bisphenol A	D. Rosu, C. N. Cascaval, L. Rosu	J. Photochem. Photobiol. A: Chem., 177, 218-224	2.098	1
54. Synthesis, properties and fluorescence quenching in a polycation based on polyetherurethane with pyrene fluophore	E. C. Buruiana, T. Buruiana, V. Pohoata	J. Photochem. Photobiol. A: Chem., 180, 150-156	2.098	0
55. Characterization by Fourier transform infrared spectroscopy (FT-IR) and 2D IR correlation spectroscopy of PAMAM dendrimer	M. C. Popescu, D. Filip, C. Vasile, C. Cruz, J. M. Rueff, M. Marcos, J. L. Serrano, G. Singurel	J. Phys. Chem. B, 110, 14198-14211	4.115	1
56. Study of electroless copper plating onto PVDF modified by radio frequency plasma treatment	M. Pascu, D. Debarnot, F. Poncin-Epaillard, G. G. Bumbu, S. Cimmino, C. Vasile	J. Phys. D, Appl. Phys, 39, 2224-2230	2.077	0
57. Synthesis and properties of new photosensitive triazene polyacrylates	E. C. Buruiana, T. Buruiana, L. Hahui, T. Lippert, L. Urech, A. Wokaun	J. Polym. Sci., Part A: Polym. Chem., 44, 5271-5282	3.405	0
58. Thermochemically induced binding of methyl orange to polycations containing primary amine groups	E. S. Dragan, M. Mihai, A. Airinei	J. Polym. Sci., Part A: Polym. Chem., 44, 5898-5908	3.405	0
59. Synthesis and characterization of mid- and end-chain functional telechelics by controlled polymerization methods and coupling processes	D. Colak, I. Cianga, A. E. Muftuoglu, Y. Yagci	J. Polym. Sci., Part A: Polym. Chem., 44, 727-743	3.405	2
60. Removal of uranyl ions from wastewaters using cellulose and modified cellulose materials	D. Bontea, C. Mita, D. Humelnicu	J. Radioanal. Nucl. Chem., 268, 305-311	0.509	0
61. Kinetics of the nematic ordered phase growth during a temperature quench of an isotropic siloxane-azomethine polymer	S. Bronnikov, C. Racles, A. Nasonov, M. Cazacu	Liq. Cryst., 33, 1015-1019	1.417	1
62. Anisotropic cellulose-derived matrix for dispersed liquid crystals	D. Filip, I. Costa, J. L. Figuerinhas, M. H. Godinho	Liq. Cryst., 33, 109-114	1.417	0
63. New siloxane organic polyesters with azobenzene side	C. Racles, D. Filip, M. Cazacu, V.	Macromol. Chem. Phys., 207,	2.021	0

chains. Synthesis, thermotropic behavior and surface properties	Cozan, A. Toth, G. Ioanid	1599-1609		
64. Enthalpy and entropy contributions to solvent quality and inversions of heat effects with polymer concentration	M. Bercea, B. A. Wolf	Macromol. Chem. Phys., 207, 1661-1673	2.021	1
65. Synthesis, characterization and properties of multifunctional epoxy maleimide resins	F. Mustata, I. Bicu	Macromol. Mater. Eng., 291, 732-741	1.498	0
66. Low-temperature restructuring processes in polyhydrosilanes	L. Sacarescu, A. Siokou, R. Ardeleanu, G. Sacarescu, M. Simionescu	Macromol. Rapid Commun., 27, 1054-1059	3.164	0
67. New organometallic polymers by polycondensation of ferrocene and siloxane derivatives	M. Cazacu, A. Vlad, M. Marcu, C. Racles, A. Airinei, G. Munteanu	Macromolecules, 39, 3786-3793	4.277	1
68. NMR relaxation study of molecular dynamics in the smectic A phase of PAMAM liquid crystalline dendrimers of generation 1 and 3	A. Van-Quynh, D. Filip, C. Cruz, P. J. Sebastiao, A. C. Ribeiro, J. M. Rueff, M. Marcos, J. L. Serrano	Mol. Cryst. Liq. Cryst. 450, 391-401	0.478	0
69. Tunable topographical cellulose matrices for electrooptical liquid crystal cells	I. Costa, P. L. Almeida, D. Filip, J. L. Figueirinhas, M. H. Godinho	Opto-Electronics Review, 14, 299-303	0.617	0
70. Kinetics of curing reaction of selected epoxy resin-amine systems	C. N. Cascaval, D. Rosu, A. Mititelu-Mija, L. Rosu	Polimery, 51, 199-205	1.137	1
71. Comparative study on starch modification with lactic acid and poly(lactic acid)	N. Tudorachi, R. Lipsa	Polimery, 51, 425-430	1.137	0
72. The effect of compatibilization in the reactive processing of low density polyethylene/polyamide 6/EPDM blends	R. N. Darie, C. Vasile, M. Kozlowski	Polimery, 51, 656-661	1.137	2
73. Organic ion exchangers as beads. Synthesis, characterization and applications	E. S. Dragan, E. Avram, M. V. Dinu	Polym. Adv. Technol., 17, 571-578	1.406	0
74. New poly(amide-imide)s containing cinnamoyl and azobenzene groups	E. Hamciuc, I. Sava, M. Bruma, T. Kopnick, B. Schulz, B. Sapich, J. Wagner, J. Stumpe	Polym. Adv. Technol., 17, 641-646	1.406	0
75. Synthesis and properties of new phosphorus-containing poly(ester-imide)s	T. Vlad-Bubulac, C. Hamciuc, O. Petreus, M. Bruma	Polym. Adv. Technol., 17, 647-652	1.406	0
76. Comparative study of new thermotropic polyazomethines	L. Marin, V. Cozan, M. Bruma	Polym. Adv. Technol., 17, 664-672	1.406	0
77. Thermal behaviour of polyacrylamidoxime-copper chelates	G. Moroi, D. Bilba, N. Bilba, C. Ciobanu	Polym. Degrad. Stab., 91, 535-540	2.174	0
78. Conformational and viscometric behavior of quaternized polysulfone in dilute solution	S. Ioan, A. Filimon, E. Avram	Polym. Eng. Sci., 46, 827-836	1.414	0
79. Synthesis of oligocaprolactone vinyl ether macromonomers and their use for indometacin encapsulation in polymer nanoparticles based on polycaprolactone macromonomer-maleic anhydride-N-vinyl pyrrolidone terpolymers	C. Iojoiu, D. Cade, H. Fessi, T. Hamaide	Polym. Int., 55, 222-228	1.475	0

80. Synthesis of poly(1,3,4-oxadiazole-amide-ester)s and study of the influence of conformational parameters on their physical properties	I. Sava, I. Ronova, M. Bruma	Polym. J., 38, 940-948	1.146	0
81. Mechanical and electrical properties of some silicon-containing poly(amide-imide)s	C. Hamciuc, E. Hamciuc, T. Pakula, L. Okrasa	Polym. Plast. Technol. Eng., 45, 143-148	0.333	0
82. Synthesis, characterization and electrochromic properties of a conducting copolymer of pyrrole functionalized polystyrene with pyrrole	S. Tarkuc, E. Sahin, L. Toppare, D. Colak, I. Cianga, Y. Yagci	Polymer, 47, 2001-2009	2.773	0
83. Studying the sol-gel transition of styrene-divinylbenzene crosslinking co-polymerization via excimer forming dye molecules	A. Gelir, D. K. Aktas, I. Cianga, L. Cianga, Y. Yagci, Y. Tilmaz	Polymer, 47, 5843-5851	2.773	0
84. Azo alkylammonium polyacrylates with one and two alkyl chains. Synthesis and properties	E. C. Buruiana, T. Buruiana, V. Melinte	React. Funct. Polym., 66, 1132-1140	1.561	0
85. Phosphorylation of polysaccharides. New results on synthesis and characterization of phosphorylated cellulose	D. M. Suflet, G. C. Chitanu, V. I. Popa	React. Funct. Polym., 66, 1240-1249	1.561	1
86. Immobilisation of invertase and glucose oxidase in conducting copolymers of the thiophene functionalized poly(vinyl alcohol) with pyrrole	E. Sahmetlioglu, H. Yuruk, L. Toppare, I. Cianga, Y. Yagci	React. Funct. Polym., 66, 365-371	1.561	0
87. Chemical transformations of different acrylic crosslinked polymers with primary amines and some applications of the synthesized compounds	I. Bunia, V. Neagu, C. Luca	React. Funct. Polym., 66, 871-883	1.561	0
88. Phase-segregated liquid crystalline cellulose derivative elastomers	D. Filip, J. Costa, J. L. Figueirinhas, M. H. Godinho	Rev. Mex. Fis., 52, 66-70	0.265	0
89. Influence of the polymer pretreatment before its electroless metallization	D. N. Debarnot, M. Pascu, C. Vasile, F. Poncin-Epaillard	Surf. Coatings Technol., 200, 4257-4265	1.559	0
90. Modified lignin/polyethylene blends	C. Vasile, A. Iwanczuk, S. Frackowiak, G. Cazacu, G. Constantinescu, M. Kozlowski	Cell. Chem. Technol., 40, 345-351	0.135	0
91. Analytical methods for lignin characterization. I. Thermogravimetry	C. Vasile, R. Gosselink, P. Quintus, E. G. Koukios, D. P. Koullas, E. Avgerinos, D. A. Abacherli	Cell. Chem. Technol., 40, 421-429	0.135	0
92. On the thermal degradation of cellulose allomorphs	D. Ciolacu, V. I. Popa	Cell. Chem. Technol., 40, 445-449	0.135	0
93. Thermal valorisation of biomass and of synthetic polymer waste. Upgrading of pyrolysis oils	C. Vasile, M. A. Brebu	Cell. Chem. Technol., 40, 489-512	0.135	0
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95. Analytical methods for lignin characterization. II. Spectroscopic studies	C. M. Popescu, C. Vasile, M. C. Popescu, G. Singurel, V. I. Popa, B. S. Munteanu	Cell. Chem. Technol., 40, 597-621	0.135	0

96. Degradation of lime wood painting supports. II. Spectral characterisation	C. M. Popescu, C. Vasile, M. C. Popescu, G. Singurel	Cell. Chem. Technol., 40, 649-658	0.135	0
97. Surface modification of PVDF by plasma treatment for electroless metallization	M. Pascu, D. Nicolas, F. Poncin-Epaillard, C. Vasile	J. Optoelectr. Adv. Mater., 8, 1062-1064	1.106	0
98. Spectral and thermogravimetric analysis of some poly(carboxybetaine)s polymers	M. Strat, S. Vasiliu, G. Strat, C. Luca, I. Grecu, S. Gurlui, S. I. Stratulat	J. Optoelectr. Adv. Mater., 8, 181-184	1.106	0
99. Characterization of poly(acrylamide) as temperature-sensitive hydrogel	I. Neamtu, A. P. Chiriac, L. E. Nita	J. Optoelectr. Adv. Mater., 8, 1939-1943	1.106	0
100. Magnetic field effects during styrene copolymerization with 2,3-epoxypropyl methacrylate	L. E. Nita, A. P. Chiriac	J. Optoelectr. Adv. Mater., 8, 197-200	1.106	0
101. Rheological monitoring of in situ poly(acrylamide) gel preparation	I. Neamtu, L. E. Nita, A. P. Chiriac, M. Bercea	J. Optoelectr. Adv. Mater., 8, 201-204	1.106	1
102. Use of the polysulfone polymer in NOx detection	G. Telipan, M. I. Ignat, V. Cozan	J. Optoelectr. Adv. Mater., 8, 582-584	1.106	0
103. Copolymers based on poly(vinyl alcohol) and acrylamide	N. Tudorachi, R. Lipsa	J. Optoelectr. Adv. Mater., 8, 659-662	1.106	0
104. Possibilities for poly(aspartic acid) preparation as biodegradable compound	L. E. Nita, A. P. Chiriac, C. M. Popescu, I. Neamtu, L. Alecu	J. Optoelectr. Adv. Mater., 8, 663-666	1.106	0
105. Polyurethane materials for passive isolation bearings	S. Oprea, S. Vlad	J. Optoelectr. Adv. Mater., 8, 675-681	1.106	0
106. Curing of vinyl ester resins. Rheological behaviour	L. Rosu, C. N. Cascaval, D. Rosu	J. Optoelectr. Adv. Mater., 8, 690-693	1.106	0
107. p-Aminobenzoic acid/cyclohexanone/formaldehyde resins as hardner for epoxy resins. Synthesis and properties	F. Mustata, I. Bicu	J. Optoelectr. Adv. Mater., 8, 871-875	1.106	0
108. Polimeri cristale lichide termotrope. Controlul stabilitatii termice	L. Marin	Mater. Plast., 43, 100-105	0.319	0
109. Filme de polimeri pe baza de poli-1,3,4-oxadiazoleteri	C. Hamciuc, E. Hamciuc	Mater. Plast., 43, 116-119	0.319	0
110. Surface characteristics of some thin films based on poly(azoarylene)s	A. Airinei, D. Timpu, V. Barboiu, E. Rusu	Mater. Plast., 43, 120-122	0.319	0
111. Copolimeri maleimidici alternanti functionalizati	C. Hulubei	Mater. Plast., 43, 123-126	0.319	0
112. Comportarea termica a nanocompozitelor biodegradabile pe baza de alcool polivinilic si amidon	D. Dimonie, C. Radovici, C. Zaharia, G. Vasilievici, A. Stoleriu	Mater. Plast., 43, 132-137	0.319	0
113. Studiul unor polioxadiazol-amide continand siliciu	M. D. Damaceanu, M. Bruma	Mater. Plast., 43, 151-159	0.319	0
114. Sinteza si studiul unor poliimide aromatice pe baza de 3,3'-dimetil-4,4'-diaminodifenil metan	I. Sava	Mater. Plast., 43, 15-19	0.319	0
115. Bismaleimide and biscitraconimide monomers with SO2 groups	M. Sava	Mater. Plast., 43, 160-164	0.319	0
116. Studiul termoanalitic privind efectul unor insecticide organofosforice asupra rasinii diglicidileter-bisfenol A	O. Petreus, T. Vlad-Bubulac, C. Hamciuc	Mater. Plast., 43, 20-23	0.319	0
117. Polimeri aromatici sulfonati	C. Hamciuc, E. Hamciuc	Mater. Plast., 43, 204-210	0.319	0

118. HLB in aprecierea directiilor de aplicare a copolimerilor grefati polisiloxan-polietilenoxid	L. Pricop, V. Hamciuc	Mater. Plast., 43, 24-27	0.319	0
119. Rasini acizi rezinici/anilin/p-nonil fenol/formaldehidice. Sinteza si caracterizare	F. Mustata, I. Bicu	Mater. Plast., 43, 283-287	0.319	0
120. Cristale lichide termotrope. Tipuri de grupari mezogene	L. Marin, S. Ciocilteu	Mater. Plast., 43, 288-291	0.319	0
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122. Compozite poliamida 6/pulbere de bronz obtinute in situ via polimerizarea anionica a -caprolactamei in prezenta pulberii de bronz	G. Rusu	Mater. Plast., 43, 296-300	0.319	0
123. Sinteza si caracterizarea unor silani cu grupe functionale -CHO	V. Hamciuc, L. Pricop	Mater. Plast., 43, 301-303	0.319	0
124. Optimization of the synthesis of polyurethane for passive isolation bearings	S. Oprea, S. VLad	Mater. Plast., 43, 335-339	0.319	0
125. Valorificarea polipropilenei atactice in membrane si bitumuri pentru hidroizolatie	D. Dimonie, F. Andrei, A. Taranu, S. Ilescu, G. Vasilievici	Mater. Plast., 43, 34-40	0.319	0
126. Polyaminobismaleimides with amide units. Synthesis acid properties	M. Sava	Mater. Plast., 43, 46-50	0.319	0
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128. Comportarea termica a unor polistireni cu grupe viologen in catena laterala	E. Avram, G. Lisa, N. Hurduc	Mater. Plast., 43, 95-99	0.319	0
129. Determinarea capacitatii de adsorbtie a anionitului Dowex-Marathon pentru clorocomplecsii de Ti(IV) si Fe(III)	D. Axente, C. Marcu, E. S. Dragan, E. Avram	Rev. Chim., 57, 1079-1081	0.287	0
130. Sinteza hidrotermala a unor materiale mezoporoase cu vanadiu	E. Popovici, A. M. Hanu, R. Pode, D. Timpu, G. Singurel	Rev. Chim., 57, 650-653	0.287	0
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133. A new direct synthesis of aromatic amides in the presence of triethyl phosphite and 4-dimethylaminopyridine	C. I. Chiriac, F. Tanasa, M. Onciu	Rev. Roum. Chim., 51, 269-272	0.208	0
134. Interpretation of the intrinsic viscosity-temperature dependence on the basis of the excluded volume analysis	M. Bercea, S. Morariu	Rev. Roum. Chim., 51, 31-37	0.208	0
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136. Gels based on poly(ethylene oxide)-laponite mixtures	S. Morariu, M. Bercea	Rev. Roum. Chim., 51, 433-436	0.208	0
137. Aromatic polyethers containing 1,3,4-oxadiazole rings	C. Hamciuc, E. Hamciuc, T. Vlad-Bubulac, O. Petreus	Rev. Roum. Chim., 51, 53-59	0.208	0
138. New thermotropic azomethines containing sulfonyl groups	L. Marin, V. Cozan	Rev. Roum. Chim., 51, 675-681	0.208	0
139. Maleimide type polymers based on N-(3-acetoxy-4-	C. Hulubei, M. Bruma	Rev. Roum. Chim., 51, 743-752	0.208	0

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140. Influence of conformational parameters on physical properties of some poly(amide-ester)s	I. Sava	Rev. Roum. Chim., 51, 753-758	0.208	0
141. Polyisophthalamides with pendant acetoxybenzamide or imide groups	I. Sava, C. Hamciuc	Rev. Roum. Chim., 51, 759-764	0.208	0
142. Aromatic polyimides containing polar nitrile groups	E. Hamciuc, M. Bruma, C. Hamciuc, R. Lungu	Rev. Roum. Chim., 51, 765-771	0.208	0
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A. Mititelu-Mija, C. N. Cascaval
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64. Curing reaction of azomethine epoxy liquid crystals	C. N. Cascaval, A. Mititelu-Mija	Polimery, 52, 251-254	
65. New sulfonated copolymers of acrylonitrile obtained by	C. Chelaru, I. Diaconu	Polym. Bull., 58, 829-836	

- plasma-induced polymerization
66. Thermal degradation of poly(p-phenylene-graft- -caprolactone) copolymer
Y. Nur, S. Yurteri, I. Cianga, Y. Yagci, J. Hecaloglu
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 67. Surface and interfacial properties of poly(amic acid)s and polyimides
S. Ioan, A. I. Cosutchi, C. Hulubei, D. Macocinschi, G. Ioanid
Polym. Eng. Sci., 47, 381-389
 68. Surface tension of poly(ester urethane)s and poly(ether urethane)s
M. Lupu, D. Macocinschi, G. Ioanid, M. Butnaru, S. Ioan
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 69. Contribution of chain ends and chain stiffness on the solution properties of polysulfone
A. Filimon, E. Avram, S. Ioan
Polym. Plast. Technol. Eng., 46, 251-256
 70. Thermal polymerization of benzoxazine monomers followed by GPC, FTIR and DETA
S. A. Garea, H. Iovu, A. Nicolescu, C. Deleanu
Polym. Testing, 26, 162-171
 71. Novel triol-crosslinked polyurethanes and their thermorheological characterization as shape-memory materials
C. P. Buckley, C. Prisacariu, A. Caraculacu
Polymer, 48, 1388-1396
 72. Freezing as a path to build macroporous structures. Superfast responsive polyacrylamide hydrogels
M. V. Dinu, M. M. Ozmen, E. S. Dragan, O. Okay
Polymer, 48, 195-204
 73. In situ monitoring the sol-gel transition for polyacrylamide gel
L. E. Nita, A. P. Chiriac, M. Bercea, I. Neamtu
Rheologica Acta, 46, 595-600
 74. Solid state properties of oligomers containing dithienothiophene or fluorene residues suitable for field effect transistor devices
W. Porzio, S. Destri, U. Giovanella, M. Pasini, L. Marin, M. D. Iosip, M. Campione
Thin Solid Films, 515, 7318-7323
 75. Flow behavior of poly(ethylene oxide)-laponite nanocomposite solutions
S. Morariu, M. Bercea
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 76. Synthesis and characterization of novel aromatic polyamides containing pendent coumarin groups
M. Onciu
J. Optoelectr. Adv. Mater., 9, 1014-1018
 77. Phase behaviour of poly(vinyl alcohol)/ -cyclodextrin blends
O. Paduraru, C. Vasile, C. N. Cascaval, A. Stoleriu
J. Optoelectr. Adv. Mater., 9, 1019-1024
 78. New aspects on the synthesis and properties of some azoxy- and azo-group containing compounds
E. Scortanu, C. Prisacariu
J. Optoelectr. Adv. Mater., 9, 1025-1028
 79. Spectroscopic investigation of some aromatic azides
A. Airinei, E. Rusu, V. Barboiu, D. Timpu
J. Optoelectr. Adv. Mater., 9, 1029-1032
 80. On the supramolecular structure of cellulose allomorphs after enzymatic degradation
D. Ciolacu
J. Optoelectr. Adv. Mater., 9, 1033-1037
 81. Physical characterization of some copolyamide/ethylene propylene diene rubber (EPDM) blends
R. N. Darie, M. Zanoaga, C. Vasile
J. Optoelectr. Adv. Mater., 9, 1038-1043
 82. Some characteristcs of poly(vinyl alcohol) with azido aromatic groups
E. Rusu, A. Airinei, V. Barboiu, D. Timpu
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 83. Physical and chemical characterization of new pressure sensitive adhesives containing abietic acid formaldehyde resins
F. Mustata, I. Bicu
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| 84. New thermotropic oligomers designed for FET applications | S. Destri, W. Porzio, L. Marin, M. D. Damaceanu, M. Bruma | J. Optoelectr. Adv. Mater., 9, 1337-1341 |
| 85. Synthesis and physical characterization of magnetic nanoparticles functionalized with β -cyclodextrin | M. Racuciu, D. E. Creanga, V. Badescu, A. Airinei | J. Optoelectr. Adv. Mater., 9, 1530-1533 |
| 86. Some poly(carboxybetaines) and their solution properties | S. Racovita, A. Onu, C. Luca | J. Optoelectr. Adv. Mater., 9, 2071-2074 |
| 87. In situ nylon 6/graphite composites. Physico-mechanical properties | G. Rusu, E. Rusu | J. Optoelectr. Adv. Mater., 9, 2102-2109 |
| 88. Preparation and characterization of polyvinyl alcohol-colloidal silver nanocomposites | C. N. Cascaval, M. Cristea, D. Rosu, C. Ciobanu, O. Paduraru, C. Cotofana | J. Optoelectr. Adv. Mater., 9, 2116-2120 |
| 89. Thermal degradation of some polymaleamides | D. Rosu, D. Ivanov | J. Optoelectr. Adv. Mater., 9, 2145-2147 |
| 90. Effect of solvent nature and spacer structure from zwitterionic moieties on the conformation of some poly(carboxybetaines) based on poly(N-vinylimidazole) | S. Racovita, G. Savin, V. Neagu, C. Luca | J. Optoelectr. Adv. Mater., 9, 2623-2626 |
| 91. Plasma induced aniline polymerization | M. Totolin, M. Grigoras, D. Conduruta | J. Optoelectr. Adv. Mater., 9, 881-883 |
| 92. Two dimensional infrared correlation spectroscopy studies of wood-plastic composites with a copolyamide as matrix | M. C. Popescu, M. Zanoaga, Y. Mamunya, V. Myshak, C. Vasile | J. Optoelectr. Adv. Mater., 9, 923-930 |
| 93. Curing and thermal properties of novolak epoxy resins | F. Mustata, I. Bicu | J. Optoelectr. Adv. Mater., 9, 931-935 |
| 94. Physico-chemical characterization of modified poly(vinyl alcohol) based hydrogels | N. Tudorachi, R. Lipsa | J. Optoelectr. Adv. Mater., 9, 952-957 |
| 95. Biodegradable anionic poly(esteramide)s. Physico-mechanical properties | G. Rusu, E. Rusu | J. Optoelectr. Adv. Mater., 9, 958-964 |
| 96. Dielectric heating in acrylamide solution polymerization. Comparative study | G. E. Ioanid, I. Neamtu | J. Optoelectr. Adv. Mater., 9, 965-969 |
| 97. Natural polymer modification under radio-frequency electrical discharge conditions | G. Cazacu, M. Totolin, G. Constantinescu, D. Ciolacu | J. Optoelectr. Adv. Mater., 9, 970-974 |
| 98. Optical and dielectric properties of some polymers with imidic structure | A. I. Cosutchi, C. Hulubei, S. Ioan | J. Optoelectr. Adv. Mater., 9, 975-980 |
| 99. Investigation of poly(aspartic acid)/vinyl polymer interpolymer complex | I. Neamtu, A. P. Chiriac, L. E. Nita, M. Bercea, A. Stoleriu | J. Optoelectr. Adv. Mater., 9, 981-984 |
| 100. Intermolecular association study of segmented polyurethane solutions by fluorescence spectroscopy and rheology | M. Lupu, V. Epure, D. Macocinschi, S. Ioan | J. Optoelectr. Adv. Mater., 9, 985-989 |
| 101. Effect of polyols on the physico-mechanical properties of some polyurethanes | S. Vlad, S. Oprea | J. Optoelectr. Adv. Mater., 9, 994-999 |
| 102. Rheological study of some photoresponse stimuli azopolysiloxanes | I. Nor, R. Enea, V. Hurdac, M. Bercea | J. Optoelectr. Adv. Mater., 9, 3639-3644 |

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| 103. Chemiluminescence study on the thermal stability of Er ³⁺ -doped poly(urethane-lactate) | S. Jipa, T. Zaharescu, R. Setnescu, C. Ciobanu, C. N. Cascaval | J. Optoelectr. Adv. Mater., 9, 2763-2768 |
| 104. Biomaterials based on polyvinylalcohol/hydrolised collagen blends | F. Crivoi, C. Vasile | J. Optoelectr. Adv. Mater., 9, 3330-3335 |
| 105. Biocompatible structures based on hybrid organic-inorganic nanocrystalline materials | R. M. Piticescu, L. M. Popescu, M. Giurginca, G. C. Chitanu, G. Negroiu | J. Optoelectr. Adv. Mater., 9, 3340-3345 |
| 106. Flexural properties of some experimental dental glass fiber reinforced composites with different resin matrices | C. Prejmerean, A. Petrescu, T. Buruiana, L. Stanulet, M. Moldovan, C. Nicola, M. Trif, G. Furtos, A. Colceriu, C. Tamas, D. Prodan | J. Optoelectr. Adv. Mater., 9, 3361-3363 |
| 107. Magnetic field effect upon albumin immobilization | A. Chiriac, L. E. Nita, S. Cimmino, C. Silvestre, D. Duraccio | J. Optoelectr. Adv. Mater., 9, 3431-3434 |
| 108. Poly(aspartic acid) in interpolymer complex with biomedical applications | I. Neamtu, A. P. Chiriac, L. E. Nita, M. Bercea | J. Optoelectr. Adv. Mater., 9, 3459-3462 |
| 109. Surface properties of segmented poly(ester urethane)s and evaluation of in vitro blood compatibility and in vitro biocompatibility | M. Lupu, M. Butnaru, D. Macocinschi, O. Z. Oprean, C. Dimitriu, O. Bredetean, M. Zagnat, S. Ioan | J. Optoelectr. Adv. Mater., 9, 3474-3478 |
| 110. Synthesis of fluorene-copolymer with persylated - cyclodextrin in the main chain | A. Farcas, N. Jarroux, P. Guegan, V. Harabagiu, V. Melnig | J. Optoelectr. Adv. Mater., 9, 3484-3488 |
| 111. Advanced ordered material based on liquid crystalline azomethine diepoxide | A. Mititelu-Mija, C. N. Cascaval, P. Navard | J. Optoelectr. Adv. Mater., 9, 3628-3632 |
| 112. Polyurethane materials using aliphatic diisocyanates for passive isolation in buildings applications | S. Oprea, S. Vlad | Mater. Plast., 44, 26-31 |
| 113. Agenti de retentie de tip polietileniminic si poliaminamid epiclorhidrinic. Sinteza, caracterizare, proprietati | I. Bicu, F. Mustata | Mater. Plast., 44, 32-38 |
| 114. Chemical insertion of transition metals into some silicone-based polymer structures | A. Vlad, M. Cazacu, M. Marcu, C. Racles | Mater. Plast., 44, 53-55 |
| 115. Polisilani cu functiuni reactive Si-H | L. Sacarescu, I. Mangalagiu, M. Simionescu, G. Sacarescu, R. Ardeleanu | Mater. Plast., 44, 56-59 |
| 116. Proprietati mecanice ale unor rasini polimerice folosite in compunduri cu insecticide | O. Petreus, C. Ciobanu, C. Hamciuc, T. Vlad-Bubulac, D. Rosu | Mater. Plast., 44, 108-111 |
| 117. Compozite biodegradabile din resurse regenerabile pentru ambalaje | D. Dimonie, C. Radovici, S. Serban, A. Taranu, G. Vasilievici | Mater. Plast., 44, 148-154 |
| 118. Aromatic-aliphatic phosphorous containing copolyesters | T. Vlad-Bubulac, C. Hamciuc, O. Petreus | Mater. Plast., 44, 199-203 |
| 119. Studii in vitro privind eliberarea nistatinei dintr-o membrana microporoasa de poliuretan-uree | C. Ciobanu, D. Dorohoi, L. Ignat, C-tin Ciobanu | Mater. Plast., 44, 204-207 |
| 120. Comportarea reologica a unor materiale compozite biodegradabile pe baza de poli(alcool vinilic) si amidon | N. Tudorachi | Mater. Plast., 44, 208-212 |

121. Some unsaturated polyesters based on maleic anhydride. Reaction mechanism and kinetic study	S. Vlad	Mater. Plast., 44, 221-225
122. Polyurethane elastomers bearing materials for passive isolation of railway	S. Oprea, S. Vlad, G. Stoicescu, M. Casariu	Mater. Plast., 44, 226-231
123. Metode de obtinere a secventelor peptidice. Cuplarea pe lanturi polimerice	V. Melinte, E. C. Buruiana, T. Buruiana	Mater. Plast., 44, 233-238
124. Sinteza si studiul unor azopoliimide aromatice	I. Sava	Mater. Plast., 44, 239-242
125. Metabolic profiling of urine by ¹ H-NMR spectroscopy. A critical assessment interpreting metabolite concentrations for normal and diabets groups	C. Ciurtin, A. Nicolescu, L. I. Stefan, E. Kovacs, I. C. P. Smith, C. Deleanu	Rev. Chim., 58, 51-55
126. Contribution to the characterization of a new tanning organic material	C. Gaidau, G. C. Chitanu, B. Marculescu, I. Jitaru	Rev. Chim., 58, 768-772
127. Radiokinetic investigation on the crystallization process from aqueous solutions using beta-rays backscattering	A. Cecal, A. I. Balan, N. Melniciuc	Rev. Chim., 58, 895-898
128. Synthesis and separation by tritylation of two isomers: 1,2-5,6-di-O-isopropylidene-alfa-d-galactofuranoside and 1,2-3,4-di-O-isopropylidene-alfa-d-galactopyranoside	Puica, K. Popa, D. Timpu	Rev. Chim., 58, 969-971
129. Study of compression properties of polyurethanes based on dibenzyl monomers and 1,4-butenediol as compared to other diol extenders	D. P. Iga, S. Iga, N. F. Predescu, A. Nicolescu	
130. Siloxane-azoaromatic polyesters as potential complex dye systems	C. Prisacariu, E. Scortanu	Rev. Roum. Chim., 52, 113-116
131. Silicon-containing aromatic poly(amide-imide)s	C. Racles, A. Airinei, A. Ioanid, C. Grigoras, M. Cazacu	Rev. Roum. Chim., 52, 117-125
	I. Sava, E. Hamciuc	Rev. Roum. Chim., 52, 127-133
132. Synthesis and characterization of maleic anhydride copolymers and their derivatives. 3 Synthesis and characterization of maleic anhydride-methyl methacrylate copolymers	G. C. Chitanu, I. Popescu, A. Carpov	Rev. Roum. Chim., 52, 135-141
133. Self-assembly of functional polymers. A viscometric study	A. Farcas, M. Pinteala, V. Harabagiu	Rev. Roum. Chim., 52, 143-146
134. Influence of poly(ethylene oxide) on the aggregation and gelation of laponite dispersions in water	S. Morariu, M. Bercea	Rev. Roum. Chim., 52, 147-152
135. Thermal investigation upon various composite materials	R. Bodirlau, C. A. Teaca, I. Spiridon	Rev. Roum. Chim., 52, 153-158
136. Formation and colloidal stability of some polyelectrolyte complex dispersions based on random copolymers of AMPS	M. Mihai, E. S. Dragan	Rev. Roum. Chim., 52, 267-273
137. High performance polymers containing phenylquinoxaline and silicon in the main chain	M. Bruma	Rev. Roum. Chim., 52, 309-318
138. The correlation between the reactivity and the	D. Ciolacu, V. I. Popa	Rev. Roum. Chim., 52, 361-

supramolecular structure of allomorphs of cellulose		366
139. New trends in the synthesis and properties of polyurethane and polyurethane-urea elastomers based on dibenzyl diisocyanate	C. Prisacariu, E. Scortanu, G. E. Hitruc, A. A. Caraculacu	Rev. Roum. Chim., 52, 415-422
140. Etude thermodynamique concernant l'adsorption du phenol des solutions aqueuses sur copolymers styrene-divinylbenzene	V. Neagu, I. Untea, E. Tudorache, C. Orbeci	Rev. Roum. Chim., 52, 431-435
141. New tendencies in restoration-conservation: The HF plasma. II Decontamination treatment in cold plasma	G. Ioanid, A. Ioanid, D. Parpauta	Rev. Roum. Chim., 52, 441-447
142. Theoretical and experimental study of dielectric and optical properties of some epichlorohydrin based polyimides	A. I. Cosutchi, C. Hulubei, M. Buda, T. Botila	Rev. Roum. Chim., 52, 665-670

NUMAR LUCRARI/2007: 142

PUNCTAJ CUMULAT ISI/2007: NEPUBLICAT

NUMAR CITARI/2007: 2

Total punctaj lucrari/2007: 4 260.000

Total punctaj cumulat ISI/2007: NEPUBLICAT

Total punctaj citari/2007: 10

Total punctaj cap. 4.1/2007: 4 270

TOTAL ANEXA 4.1

Numar total lucrari/2003-2007: 702

Punctaj cumulat ISI/2003-2006 (FI este nepublicat pentru anul 2007): 660.511

Numar total citari articole publicate in intervalul 2003-2007: 551

Total punctaj lucrari/2003-2007: 21 060.000

Total punctaj cumulat ISI/2003-2007: 3 302.555

Total punctaj citari lucrari publicate 2003-2007: 2 755.000

Total punctaj cap. 4.1/2003-2007: 27 117.555

Lista brevetelor si citarilor grupate pe ani

2003

Nr. crt.	Autori	Brevet (titlu/numar, an)	Citari	Punctaj
1	G.C. Chitanu, A.G. Anghelescu-Dogaru, A. Carpov	Procedeu de obtinere a unor polielectroliti maleici continand cicluri piperazinice Rom. 118076, 2003		30
2	G.C. Chitanu, D.I. Costas, A.G. Anghelescu-Dogaru, A. Carpov, S. Sauciuc	Utilizarea sarurilor bazice de crom, aditivate cu polielectroliti la tabacire Rom. 118971, 2003		30
3	A.Cecal, A.Paraschivescu, M.Palamaru, K.Popa, S.Petrescu, D.Bontea	Procedeu de depoluare a apelor pluviale ce contin ioni de uraniu si alte metale 118531 B, 2003		30
4	C. Ciobanu, I. Ciobanu I. Bestiuc, S. Vlad	Composite Based on Spirit of Turpentine and Process for Preparing the Same RO118881, 2003		30
5	I. Bestiuc, C. Ciobanu	Process for Recovering Dicarboxylic Acids RO118423, 2003		30
6	D. Coman, A. Grigoriu, S. Dragan, L. Ghimici	Procedeu de retratare a materialelor textile vopsite cu coloranti directi RO 118314, 28.11.2003		30

Numar total brevete/2003: 6

Numar total citari/2003: 0

Total punctaj brevete/2003: 180

Total punctaj citari/2003: 0

Total punctaj cap. 4.2/2003: 180

2004

Nr. crt.	Autori	Brevet (titlu/numar, an)	Citari	Punctaj
1	N. Olaru, L. Olaru	Procedeu de hidroliza a acetatului de celuloza 118657 B1, 2004		30
2	Aurica P. Chiriac	Procedeu de obținere a unui compozit magnetic 119261, 2004		30
3	Chiriac P. Aurica	Procedeu de obținere a unui compozit magnetic 119262, 2004		30
4	Chiriac P. Aurica	Procedeu de obținere a unui compozit magnetic 119263, 2004		30
5	A. Chiriac	Procedeu de obținere a unui compozit magnetic 119264, 2004		30
6	A. Chiriac	Procedeu de obținere a unui compozit magnetic 119265, 2004		30
7	A. Chiriac, I. Neamtu, D. Mihai	Procedeu de obținere a unui compozit magnetic 119266, 2004		30
8	D. Coman, A. Grigoriu, S. Dragan, L. Ghimici	Procedeu de retratare a materialelor vopsite cu coloranti directi RO Nr. 118809/30.11.2004		30
9	E.G. Ioanid, T. Balau Mindru, A. Ioanid	Aparat pentru ozonizare 119191/28.05.2004		30

Numar total brevete/2004: 9

Numar total citari/2004: 0

Total punctaj brevete/2004: 270

Total punctaj citari/2004: 0

Total punctaj cap. 4.2/2004: 270

2005

Nr. crt.	Autori	Brevet (titlu/numar, an)	Citari	Punctaj
1	R. Iovu, C. Barladeanu, C. Ciobanu	Potassium Chloride Retard Obtaining Process RO119990, 2005		30
2	A. Ioanid, E.G. Ioanid	Procedeu de copiere 119908/31.03.2005		30
3	E.G. Ioanid	Aparat de xerografiere 120018/30.05.2005		30

Numar total brevete/2005: 3

Numar total citari/2005: 0

Total punctaj brevete/2005: 90

Total punctaj citari/2005: 0

Total punctaj cap. 4.2/2005: 90

2006

Nr. crt.	Autori	Brevet (titlu/numar, an)	Citari	Punctaj
1	G. Ioanid	Aparat pentru masurarea optica a unghiului de contact RO120936, 2006		30
2	V. Barboiu, E. Rusu, G.E. Grigoriu, E. Buzdugan, P.N. Ghioca	Compozitie fotoinsolubilizabila si placa fotosensibila pe baza acesteia 120506/28.02.2006		30

Numar total brevete/2006: 2

Numar total citari/2006: 0

Total punctaj brevete/2006: 60

Total punctaj citari/2006: 0

Total punctaj cap. 4.2/2006: 60

2007

Nr. crt.	Autori	Brevet (titlu/numar, an)	Citari	Punctaj
1	G. Ioanid	Instalatie pentru polimerizare RO121322, 2007		30
2	G. Ioanid, A. Ioanid	Procedeu de dezinfectie a obiectelor de patrimoniu RO121510, 2007		30

Numar total brevete/2007: 2

Numar total citari/2007: 0

Total punctaj brevete/2007: 60

Total punctaj citari/2007: 0

Total punctaj cap. 4.2/2007: 60

TOTAL ANEXA 4.2

Numar total brevete/2003-2007: 22

Numar total citari/2003-2007: 0

Total punctaj brevete/2003-2007: 660

Total punctaj citari/2003-2007: 0

Total punctaj cap. 4.2/2003-2007: 660

Produse si tehnologii rezultate din activitati de cercetare, bazate pe brevete, omologari sau inovatii proprii. Studii prospective si tehnologice si servicii rezultate din activitatea de cercetare-dezvoltare, comandate de beneficiar (nr. contract si firma care utilizeaza produsul, serviciul, tehnologia)

2003

Nr. crt.	Produs, tehnologie, studiu, serviciu	Firma (institutia) utilizatoare	Nr. comanda (contract)
1.	Benzi adezive PVC	RATC - Iasi	95
		SC Ceramica SA Iasi	140
			1055
		SC Moldomin Moldova Noua	316
			684
			734
		SC Elerom SA Roman	1861
		SC Fleshrom Company Tg. Mures	841
			761
			913
		SC Oltchim SA Rm.Valcea	2846A
2.	Adeziv lasol		646
			16343
3.	Fulgi Dynell	SC Min Est SA Mahmudia	330
			252
		Expoatarea Miniera Ponor-Anina, Caras-Severin	33347
		SC CFR Trans Auto Iasi	112
		SC Electroputere SA Craiova	51715
			4339
			48803
		Insonorizanti Moreni	251
		SC Rombat SA Bistrita	1107
			1122
			125
			1153
			1168
			1185
			1191
		SC Acumulatorul SA Bucuresti	4
			119

4.	Discuri din poliuretan pt. godevile	Sucursala Petromar Constanta	25113 4990 227 4730 173 5928 2827 14042 11766 12289 18044 12645 18936 12710
		SC Fortus SA– Iasi	45030
5.	Bare din poliuretan	SC Armax Gaz SA Medias	37
		Condem Confectii Demontabile Bucuresti	7783
		SC Tess Conex SA Iasi	751 841
		IPROIEB SA Bistrita	361
		SC Tehnoton SA Iasi	1416 193 137 672 595
		SC Imsat Spiex SRL Bucuresti	028
		SC Premis TP SA Brasov	1A10603
		SC Ves SA Sighisoara	1188
		SC PPS Mic.Ind.- Buzau	215
		SC Asam SA Iasi	1162
		SC Artrom SA Slatina	2968 2041
		SC Automobile Dacia Pitesti	B54232
6.	Baghete poliuretan	SC Tehnoton SA Iasi	595
7.	Placi din poliuretan	SC Hidroteh SA Bucuresti	494 093
		SC Tehnoton SA Iasi	595
		SC Apulum Alba Iulia	1202 88
		Titan Echipamente Nucleare – Bucuresti	7
8.	Bucsa din poliuretan	SC Bursa Moldovei SA Iasi	24
		SC Artrom SA Slatina	2386 2230 2968 301 1839 3609 854232 4024
9.	Placari tamburi cu poliuretan	SC Mes SA Suceava	13607 5853
		RAJAC Iasi	118
		Lafarge Agregate Ploiesti	16
10.	Garnituri din poliuretan	SC Artrom SA Slatina	4024
11.	Ecogel	Spitalul Parhon Iasi	BA/322 1

		Spitalul Clinic de Boli Infectioase Iasi	5633
12.	Unsoare de blocare	SC Aquafor Int SRL Tg. Ocna	12
13.	Perechi inele din poliuretan	Euro Steel Industries SA Bucuresti	594
14.	Granule din poliuretan	SC Iasitex Iasi	21
		SC Rulmenti SA Suceava	Comenzi prin telefon (inregistrate in evidentele institutului si incasate)
15.	Repere din poliuretan	SC Antibiotice SA Iasi	
16.	Vaselina siliconica	SC Rolimcom Cluj SC Strungariu Gorigans Iasi Artrom Slatina, Olt RATC Iasi	
17.	Banda siliconica	SC Nicolina SA Iasi	
18.	Cauciuc siliconic Moldosil CTI	Prevas Pro SRL-Bucuresti IAR Brasov	
19.	Garnitura siliconica	RAAN Romag Prod Tr. Severin	
20.	Septumuri cilindrice	RAAN Romag Prod Tr. Severin	
21.	Septumuri cromatograf	RAAN Romag Prod Tr. Severin	
22.	Septum cauciuc siliconic	SC Olchim SA Rm. Valcea	
23.	Ulei siliconic UMD 1000Cst	SC Steff SRL Iasi	
		SC Etansari Grafex SRL Ploiesti	
		SC Vec Impex SRL Iasi	
24.	Lac reactiv pentru vopsele	Perus SRL Iasi	
25.	Unsoare etansare tip IIM	SC Game SRL Ploiesti SC Dafora SA Medias	
26.	Unsoare etansare tip IV	Sucursala Petromar Constanta Baza de Aprovizionare Floresti, Prahova Regionala CFR Iasi	
27.	Baton pasta etansare	Sucursala Petromar Constanta	
28.	Acid policarboxilic	SC Astra SA Cluj- Napoca	
29.	Probe de uscare prin atomizare	Institutul Dr. Cantacuzino, Iasi	
30.	Sanisorb	Gheorghiu Silviu Dan	
31.	Ceara SD	SC Bucium SA- Iasi	
32.	Intaritor RE-84	UCMR Resita SC Hidroserv Bistrita	
33.	Ponilit CS2	AF Roman Gheorghe Iasi	

NUMAR PRODUSE/2003: 33

PUNCTAJ/2003: 660

2004

Nr. crt.	Produs, tehnologie, studiu, serviciu	Firma (institutia) utilizatoare	Nr. comanda (contract)
1.	Repere din poliuretan	SC Mes SA Suceava	3970
2.	Placa din poliuretan	SC Apulum SA Alba –Iulia	35
3.	Bare din poliuretan	SC Tehnoton SA Iasi	14
			53
			209
			2625
			623
		SC Artrom SA Slatina	7283
		SC Iproieb SA Bistrita	667
			348
		SC Armax Gaz SA Medias	191
			750
		SC Asam SA Iasi	523

			154 249 906
		Relee SA Medias	210 1466 667
		Rompak Iasi	740
		SC Condem Confectii Demontabile Bucuresti	1340
		RAJAC Iasi	584
		SC Prems TP SA Brasov	40516
		SC Automotive Dacia Pitesti	74932
		SC Retrom SA Pascani	1217
		SC Romseh Tools Focsani	197
		SC Clip Prod Impex Suceava	235
		SC Agregate Lafarge Iasi	25
		SC Termica Vaslui	019
		Uzina Mecanica Rm.Valcea	1714
		Tremag Tulcea	1102 43
		Badotherm AMC Vaslui	161 216 171
4.	Discuri din poliuretan pt. godevile	Sucursala Petromar Constanta	12008 936 12156 12184 12105 12385 12477 23805
5.	Placare roti din poliuretan	SC Propast Iasi	102
		SC Mobili SA Iasi	34
		SC Umaro SA Roman	564 127
6.	Bucsa din poliuretan	SC Artrom SA Slatina	7283
		SC Est Rom Iasi	7391
7.	Cuplaje din poliuretan	SC Predimet SA Podu Iloaiei	121
8.	Placa din poliuretan	SC Pexrom Industries SA Craiova	85
9.	Fulgi Dynell	SC Rombat SA Bistrita	703 353 1013
10.	Unsoare de blocare	Aquafor SRL Tg.Ocna	84
11.	Unsoare etansare tip II	SC Dafora SA Medias	334
		Regionala CFR Iasi	Comenzi prin telefon (inregistrate in evidentele institutului si incasate)
12.	Unsoare etansare tip II M	Game SRL Prahova	
13.	Unsoare etansare tip IV	Schela Boldesti Prahova	1129
		U.C.M.Resita	Comenzi prin telefon (inregistrate in evidentele
14.	Unsoare etansare tip IV M	SC Game SRL Ploiesti	

			institutului si incasate)
15.	Garnitura siliconica profilata	SC Siretul SA Pascani	127 323
16.	Cauciuc siliconic CT1	IAR Brasov	91 190
17.	Septum cromatograf	Sucursala Romag Termo, Drobeta Tr. Severin	3257
18.	Vaselina siliconica Moldosil V10	Hidroserv Slatina	203
		Sucursala Romag Termo, Dr. Tr. Severin	5671 3257
19.	Banda siliconica	SC Nicolina SA Iasi	Comenzi prin telefon (inregistrate in evidentele institutului si incasate)
20.	Banda adeziva PVC	SC Vertatel Bucuresti	
21.	Ulei siliconic UMD I000Cst	Elsaco Electronic Botosani	
22.	Ponilit CS2	A.F Roman Gheorghe, Iasi	
23.	Ponilit Al	A.F Roman Gheorghe, Iasi	
24.	Ceara SD	Statiunea Didactica si Pedagogica "Banu Maracine" Craiova	
		SC Bucium SA Iasi	
25.	Probe de uscare prin atomizare	Institutul "Dr. Cantacuzino" Iasi	
26.	Ecogel	Spitalul "C. I. Parhon" Iasi	
		Spitalul de Boli Infectioase Iasi	
27.	Acid policarboxilic	SC Astra SA Cluj Napoca	
28.	Acetonitril	Amex Med SRL Iasi	
29.	Intaritor RE- 84	UCM Resita	
30.	Adeziv lasol	Insonorizanti Moreni Edison Prod Moreni	

NUMAR PRODUSE/2004: 30

PUNCTAJ/2004: 600

2005

Nr. crt.	Produs, tehnologie, studiu, serviciu	Firma (institutia) utilizatoare	Nr. comanda (contract)
1.	Banda adeziva PVC	SC Flashrom Company Tg. Mures	1391
		TMD Filiasi, Dolj	64
		SC Electroputere SA Craiova	1133
		SC Min Est SA Mahmudia	39
			101
		SC Moldomin Moldova Noua, Caras – Severin	335 309
2.	Fulgi Dynell	SC Rombat SA Bistrita	106 39
3.	Discuri din poliuretan pt. godevile	Sucursala Petromar Constanta	12014
			12209
			55169
			12587
			12514
			12381
4.	Repere poliuretan	Bursa Moldovei Iasi	2
			10
		SC Tehnoton SA Iasi	25
			162
			586
			18044

		SC Romseh Tools SA Focsani	870
		SC Artrom SA Slatina	7171
		SC Titan Echipamente Nucleare Bucuresti	297
		Sc Mecaprom SRL Nasaud	24 50
		SC IPROIEB Sa Bistrita	245
		Popeci Utilaj Greu Craiova	459 624
		Micronic SA Romania Bucuresti	5172
		SC Agmus SA Iasi	293
		SC Condem Confectii Demontabile Bucuresti	9 52
		SC Automobile Dacia Pitesti	70049/303 874932
		SC Prems TP Brasov	5685
5.	Septum cromatograf	SC Romag Prod Dr. Tr. Severin	169A
6.	Granule din poliuretan	SC Tehnoton SA Iasi	728
7.	Unsoare de blocare	Sucursala Petromar Constanta	12033
8.	Unsoare etansare tip II	SC Dafora SA Medias	20 239
9.		SC Aquafor International SRL Tg.Ocna	227
10.	Unsoare etansare tip IV	Sucursala Petromar Constanta	12033
11.	Baton pasta etansare	Sucursala Petromar Constanta	12033
12.	Cauciuc siliconic Moldosil CTI	SC Electrocarbon Slatina	569
13.		IAR Brasov	44
14.	Vaselina siliconica	SC Axon Com-Serv Ploiesti	17
15.	Plastifiant termofloc 3000	SC Pro Auto Insustries SA Bucuresti	Comenzi prin telefon (inregistrate in evidentele institutului si incasate)
16.	Ulei siliconic UMD I000Cst	SC Aerofina SA Bucuresti	
		SC Antibiotice SA Iasi	
17.	Garnitura cauciuc siliconic	INCEFT Iasi	
18.	Probe de uscare prin atomizare	Institutul "Dr. Cantacuzino" Iasi	
19.	Ponilit CS 2	AF Roman Gheorghe, Iasi	
20.	Ponilit GTI	ICD cartofi si sfecla de zahar Brasov	
21.	Intaritor RE-84	U. C. M. Resita	
22.	Adeziv lasol	Edison Prod Moreni	

NUMAR PRODUSE/2005: 22

PUNCTAJ/2005: 440

2006

Nr. crt.	Produs, tehnologie, studiu, serviciu	Firma (institutia) utilizatoare	Nr. comanda (contract)
1.	Banda adeziva PVC	SC Electroputere SA Craiova	350 663 1192 1684
		SC Min Est SA Mahmudia	340
2.	Banda adeziva PES	SC Electroaparataj SA Bucuresti	4399

3.	Fulgi Dynell	SC Rombat SA Bistrita	108
4.	Discuri din poliuretan pentru godevile	Sucursala Petromar Constanta	2026
5.	Repere din poliuretan	Premis TP Brasov	6033 6767
		SC Electroplast Bistrita	212
		SC Salubris SA Iasi	1594
		SC Tremag SA Tulcea	64
		SC Politan SRL Baia Mare	102
		SC Romseh Tools Focsani	1298
		SC Marub SA Brasov	214 352
		SC Retrom SA Pascani	2047
		SC SIMC Cluj –Napoca	122
		SC Tehnoton SA Iasi	76 439
		Titan Echipamente Nucleare Bucuresti	
6.	Intaritor RE -84	UCMR Resita	7034
7.	Septumuri cromatograf cat. I	Sucursala Romag Prod Dr. Tr. Severin	2098
8.	Septumuri din cauciuc siliconic	Institutul National de Cercetare si Dezvoltare pentru Tehnologii Izotopice si Moleculare Cluj-Napoca	3747
9.	Vaselina siliconica Moldosil V10	SC Flexon Com-Serv Prahova	Comenzi prin telefon (inregistrate in evidentele institutului si incasate)
		Sucursala Romag Prod Dr. Tr. Severin	
10.	Unsoare de blocare	SC Foraj Sonde Rm. Valcea	
		SC Arpega SA Ploiesti	
		Petrom SA OMV Baza Floresti Prahova	
		Sc Agmus SA Iasi	
		Agap Tg. Jiu	
11.	Adeziv lasol	SC Tehnoinvest SRL Iasi	
12.	Unsoare etansare tip IV	Foraj Sonde Rm.Valcea	
		SC Foraj Sonde Boldesti Prahova	
		Petrom SA OMV Baza Floresti Prahova	
13.	Unsoare etansare tip II	SC Dafora Medias	
		General Turbo Bucuresti	
14.	H-PU superdur	IAR Brasov	
15.	Emulsie racire	Suprem Iasi	
		SC Smart Com SRL Iasi	
16.	Banda cauciuc siliconic	D.R.V. SRL Ploiesti	
17.	Garnitura profilata din cauciuc siliconic	SC Siretul SA Pascani	
18.	Lac reactiv pentru vopsele	SC CI Dumbrava SRL Piatra Neamt	
19.	Ponilit CTI	Universitatea de Stiinte Agricole si Medicina Veterinara "Ion Ionescu de la Brad" Iasi	
20.	Intaritor Re-84	UCM Resita	
21.	Azot lichid	Agentia de Protectia Mediului Iasi	
		APM Iasi	
22.	Ponilit CS2	A.F. Roman Gheorghe Iasi	
23.	Ceara SD	SC Bucium SA Iasi	

NUMAR PRODUSE/2006: 23

PUNCTAJ/2006:460

2007

Nr. crt.	Produs, tehnologie, studiu, serviciu	Firma (institutie) utilizatoare	Nr. comanda (contract)
1.	Banda adeziva PVC	SC Electroputere SA Craiova	2336/51715 2968/51821 3179/51841
		SC Moldomin, Moldova Noua	28
		Teatrul National Iasi	Comenzi prin telefon (inregistrate in evidentele institutului si incasate)
		SC Izoterm SRL Iasi	
		Opera Nationala Romana Iasi	
		RATP Iasi	
		Tehnosteel SRL Iasi	
		TEBA Iasi	
		Hidroconstructia SA Bucuresti	
2.	Fulgi Dynell	SC Rombat SA Bistrita	284/121
3.	Repere din poliuretan	SA Emailul SA Medias	Comenzi prin telefon (inregistrate in evidentele institutului si incasate)
		SC Marub SA Brasov	
		Teofarm Iasi	
		Chambon Iasi	
		SC Hidromol Iasi	
		SC Resi Paper SRL Iasi	
		SC Retra SRL Iasi	
		SC Abrateana Prod Forest SRL Brasov	
		TES Conex Iasi	
		Golia SRL Iasi	
		Casa Lebada Iasi	
		SC Badotherm AMC Vaslui	
		SC IMCF Iasi	
		Sigfoc Serv Ploiesti	
		Banu Marin	
		SC BMTECH SRL Iasi	
		SC Boramid Prod Buzau	
		RATP Iasi	
		SC Vae Apcarom Buzau	
		SC Symetrica SA Suceava	
		SC Carabus SRL baia Mare	
4.	Bare din poliuretan	SC Tehnoton SA Iasi	72 332 593 599 351
		SC IMSAT SA Bucuresti	599
		SC Romseh Tools SA Focsani	1093
		SC Moldoplast SA Iasi	192
		SC Mecanofuc SA Negresti	539
		IPEE Curtea de Arges	67
		SC Murfatlar SA Constanta	35
		Relee SA Medias	673 1175
		SC Electroarges SA	261
		Antrepriza Drumuri si Poduri Iasi	1/29/1
		IPIOIEB Bistrita	95 4366
5.	Bucse poliuretan		

			545
		SC Tremag Tulcea	319
6.	Discuri poliuretan pentru godevile	Sucursala Petromar Constanta	8460002892 8450012690
7.	Placare cu poliuretan	SC Mittal Steel SA Iasi	1199
		Moldomec SA Iasi	Comenzi prin telefon (inregistrate in evidentele institutului si incasate)
		SC Salubris SA Iasi	
		SC Adivet SRL Targu Neamt	
8.	Septumuri din cauciuc siliconic	RAAN Romag Prod Drobeta Turnu Severin	379
		Institutul National de Cercetare si Dezvoltare pentru Tehnologii Izotopice si Moleculare Cluj-Napoca	170
9.	Vaselina siliconica Moldosil V10	RAAN Romag Prod Drobeta Turnu Severin	379 170
		SC Loracom SRL Targu Neamt	352
		SC Flexon Com-Serv Prahova	Comenzi prin telefon (inregistrate in evidentele institutului si incasate)
		SC Contactoare SA Buzau	
		SC Antibiotice SA Iasi	
10.	Ulei siliconic	SC Loracom SRL Neamt	352 320
11.	Unsoare de blocare	Sucursala Petromar Constanta	8460002892
		SC Foraj Sonde Arad	Comenzi prin telefon (inregistrate in evidentele institutului si incasate)
		SC Foraj Sonde Craiova	
		SC Foraj Sonde Buzau	
		RATP Iasi	
		SC Agmus SA Iasi	
		Ciucu Gheorghe Iasi	
12.	Adeziv lasol	SC Spumoflex SA Craiova	49/137 491/220 491/226 491/322
13.	Unsoare etansare tip IV	Sucursala Petromar Constanta	8460002892
14.	Emulsie racire	SC Chambon SRL Iasi	81
15.	Ceara SD	Vin Club Odobesti Vrancea	229
		SC Bucium SA Iasi	Comenzi prin telefon (inregistrate in evidentele institutului si incasate)
16.	Ecogel	Licau Daniela	
		Panaite Iulia	
17.	Garnitura profilata din cauciuc siliconic	SC Siretul SA Pascani	
18.	Ponilit GTI	Universitatea de Stiinte Agricole si Medicina Veterinara "Ion Ionescu de la Brad" Iasi	
19.	Ponilit CSII	SC Ecologica SA Iasi	
20.	Intaritor Re-84	UCM Resita	
21.	Azot lichid	DPM Iasi	
		APM Iasi	
22.	Unsoare etansare tip II	Game SRL Ploiesti	
23.	Intaritor RE -84	UCMR Resita	
24.	H-PU superdur	IAR Brasov	
		SC Maparom Invest SRL Iasi	

NUMAR PRODUSE/2007: 24

PUNCTAJ/2007:480

TOTAL ANEXA 4.3

Numar produse/2003-2007: 132

Total punctaj cap. 4.3/2003-2007: 2 640

LISTA LUCRARILOR STIINTIFICE PUBLICATE IN REVISTE DE SPECIALITATE FARA COTATIE ISI

2003

121. Thermal and kinetic characteristics in non-isothermal conditions of some aromatic copolyethers containing an octomethylene spacer	M. Prajinaru, N. Hurduc, S. Alazaroaie, O. Catanescu, N. Hurduc	Central Eur. J. Chem., 1, 387-401
122. New polyphenylenes-based materials for high tech applications	I. Cianga, Y. Yagci	Expected Materials for the Future (Mirai Zairyo), 3(9), 6-14
123. Influence of the polyethyleneglycol content on the properties of ethyleneglycol terephthalate/polyethyleneglycol terephthalate copolymers	C. Vasile, G. Cazacu, I. Paraschiv, G. E. Agafitei, A. Onu	Int. J. Polym. Mater., 52, 573-585
124. 1,2-Bis(2-oxo-azepane-1-carboxylic acid-p-phenyl-amide)ethane and 1-(2-oxo-azepane-1-carboxylic acid-o-phenyl-amide)-2-(2-oxo-azepane-1-carboxylic acid-p-phenyl-amide)ethane	E. Scortanu, A. A. Caraculacu	Molbank 2003, M 330
125. 1,2-Bis(p-phenyl-thiocarbamic acid S-benzothiazol-2-yl-ester)ethane and 1-(o-phenyl-thiocarbamic acid-S-benzothiazol-2-yl-ester)-2-(p-phenyl-thiocarbamic acid-S-benzothiazol-2-yl-ester)ethane	E. Scortanu, A. A. Caraculacu	Molbank 2003, M 331
126. 1,2-Bis(phenylcarbamoil-oxyamino-cyclohexylidene)ethane	E. Scortanu, A. A. Caraculacu	Molbank 2003, M 332
127. 1,2-Bis(p-phenyl-carbamic acid phenyl ester)ethane	E. Scortanu, A. A. Caraculacu	Molbank 2003, M 333
128. Poly[(N-acylimino)ethylene]s - Advanced materials	G. David, A. Ioanid, B. C. Simionescu	Nonlinear Optics, Quantum Optics, 30, 233-246
129. Synthesis and evaluation of hydrophobically-modified polysaccharides as oral delivery vehicles of poorly-water soluble drugs	M. F. Francis, M. Piredda, M. Cristea, F. M. Winnik	Polym. Mat. Sci. Eng., 89, 55-56
130. Ninth Dresden Polymer Discussion: Polyelectrolytes	S. Dragan, C. Wandrey	Polym. News., 28, 348-350
131. Self-assembly with macromolecular building blocks	H. W. Gibson, Z. Ge, J. W. Jones, A. Farcas	Polym. Prepr., 44(1), 608-609
132. Mechanically interlocked macromolecular systems via pseudorotaxane self-assembly	H. W. Gibson, Z. Ge, F. Huang, J. W. Jones, H. Wang, A. Farcas	Polym. Prepr., 44(2), 475-476
133. Dependence of the aggregation mode of two bidentate azo dyes in polycation/dye multilayers on the dye structure and the polycation conformation	S. Dragan, S. Schwarz	Progr. Colloid Polym. Sci., 122, 8-15
134. Polyelectrolyte complexes. Formation, characterization and applications	S. Dragan, M. Cristea	Recent Research Developments in Polymer Science, 7, 149-181
135. Hydrodynamic properties and flow birefringence in fluorinated poly(1,3,4-oxadiazole imide amide) solutions	P. N. Lavrenko, M. Bruma, O. V. Okatova, I. A. Strelina, B. Schulz	Vysokomol. Soed. Ser. A, 45, 299-306
136. Influence of the chemical structure and heating rate on the thermal behavior of	N. Hurduc, N. Hurduc, S. Alazaroaie, N. Dragoi	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Chim., 11, 97-102

some aromatic sulphur-main chain polyethers		
137. Isolation and characterization of cDNA clone coding for Lotus japonicus nodule carbonic anhydrase	D. Cotzur, P. Katinakis	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Genetica Biologie Moleculara, 4, 101-106
138. Spatial expression of sucrose synthase gene in Lotus japonicus root nodule development	D. Cotzur, P. Katinakis	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Genetica Biologie Moleculara, 4, 89-94
139. Temporal expression pattern of carbonic anhydrase gene in Lotus japonicus root nodule development and different organs	D. Cotzur, P. Katinakis	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Genetica Biologie Moleculara, 4, 95-99
140. Retention of Orange G dye on a strong base pyridine exchanger	T. Onofrei, A. C. Dirtu, C. Luca, V. Neagu	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Chim., 11, 47-52
141. Cytogenetical effects induced by the treatments with alkylant agents in Papaver somniferum L., Papaver rhoeas L., Glaucium flavum Cr.	A. Morariu, E. Truta, D. Cotzur	An. Univ. Craiova, Ser. Biol. Hortic., 8, 187-190
142. Static linear IR dichroism study of secondary structure of polyurethane induced by stretching	E. L. Obreja, C. M. Popescu, G. Singurel, V. Melnig	An. Univ. Vest Timisoara, Ser. Fizica, 44, 117-120
143. A comparative study regarding the magnetic field effect during the obtainment of poly(styrene-co-2,3-epoxypropylmethacrylate) copolymer	L. E. Nita, A. P. Chiriac	An. Univ. Vest Timisoara, Ser. Fizica, 44, 19-21
144. Drug release profile from systems based on a polyvinyl matrix by UV characterization	L. E. Nita, M. C. Popescu, A. P. Chiriac, C. Vasile	An. Univ. Vest Timisoara, Ser. Fizica, 44, 203-206
145. FT-IR spectroscopy and thermogravimetry for lignins characterization	C. M. Popescu, C. Vasile, M. C. Popescu, G. Singurel, G. Cazacu, V. I. Popa	An. Univ. Vest Timisoara, Ser. Fizica, 44, 69-73
146. Polyurethane membranes. Liquid-liquid phase separation and membrane morphology	M. Apostu, C. Ciobanu, A. Onu, V. Tura, V. Melnig	An. West Univ. Timisoara, Ser. Chem., 12, 1473-1478
147. Study of molecular associations in poly(ester-siloxane)urethanes solutions by light scattering	S. Ioan, A. Stanciu	An. West Univ. Timisoara, Ser. Chem., 12, 1513-1520
148. Unperturbed dimensions of poly(ester-urethane)s with different hard segments	M. Lupu, S. Ioan, D. Macocinschi	An. West Univ. Timisoara, Ser. Chem., 12, 1537-1544
149. Kinetics of cellulose carboxymethylation in benzene-containing media	N. Olaru, L. Olaru	An. West Univ. Timisoara, Ser. Chem., 12, 259-264
150. MO study of cation - radical polymerization of Schiff bases	N. Olaru	An. West Univ. Timisoara, Ser. Chem., 12, 77-86
151. Polystyrene, polysulfone and their chloromethylated derivatives compatibility in solid phase	N. Aelenei, G. Lisa, M. Irimia, G. Paduraru, E. Avram, N. Hurduc	An. West Univ. Timisoara, Ser. Chem., 12, 821-828
152. Characterization of some polycation/anionic dye complexes	S. Dragan, M. Mihai	An. West Univ. Timisoara, Ser. Chem., 12, 863-870
153. Interpolyelectrolyte complexes as colloidal dispersions	S. Dragan	An. West Univ. Timisoara, Ser. Chem., 12, 871-878
154. Polyelectrolyte solutions. Electrolytic conductivity and activity	L. Ghimici, S. Dragan	An. West Univ. Timisoara, Ser. Chem., 12, 893-900
155. Composite membranes prepared by layer-by-layer self-assembly technique	M. Mihai, L. Ghimici, S. Dragan	An. West Univ. Timisoara, Ser. Chem., 12, 927-934
156. Study on some polyelectrolytes behavior in sulphuric acid medium	S. Patachia, R. Tica, L. Dumitrescu, C. Luca	An. West Univ. Timisoara, Ser. Chem., 12, 943-948

157. Sinteza si caracterizarea hidrogelurilor xantan-celuloza	D. Ciolacu, V. I. Popa	Balkan Pulp Paper News, 4(9), 25-28
158. Applications of plasma discharge in restoration - conservation	G. Ioanid, D. Parpauta, A. M. Vlad	Buletinul Centrului de Restaurare Conservare Iasi, 1(2), 61-67
159. The influence of some lignin products on the metabolic processes of plants	M. Dumitru, V. I. Popa, I. Obreja, M. M. Campeanu	Bul. Inst. Pol. Iasi, Chim. Ing. Chim., 49(1/2), 109-118
160. Liquid crystalline polymers 13. Influence of the flexible spacer on the supramolecular ordering of some aromatic polyesters	S. Alazaroaie, M. Romanic, E. Taran, D. Scutaru, N. Hurduc	Bul. Inst. Pol. Iasi, Chim. Ing. Chim., 49(3/4), 65-73
161. Compared study of aromatic polymers with pendent heterocycles	M. Bruma, E. Hamciuc, B. Schulz	Bul. Inst. Pol. Iasi, Chim. Ing. Chim., 49(5), 323-328
162. Adducts formed by reaction of organometallic derivatives of free and coordinated oximes with amines	N. Voiculescu	Bul. Inst. Pol. Iasi, Chim. Ing. Chim., 49(5), 33-38
163. Thermoplastic polymers containing parabanic structure and some potential applications	E. Scortanu	Bul. Inst. Pol. Iasi, Chim. Ing. Chim., 49(5), 335-340
164. Parabanic polymers and copolymers	E. Scortanu, A. A. Caraculacu	Bul. Inst. Pol. Iasi, Chim. Ing. Chim., 49(5), 341-346
165. N-phenylmaleimide-styrene type alternating copolymers by photoinduced radical polymerization	L. Cianga	Bul. Inst. Pol. Iasi, Chim. Ing. Chim., 49(5), 353-358
166. New polyfunctional crosslinked copolymers	C. D. Vlad, M. V. Dinu, S. Dragan	Bul. Inst. Pol. Iasi, Chim. Ing. Chim., 49(5), 367-372
167. Nonstoichiometric interpolyelectrolyte complexes. Formation and stability	S. Dragan	Bul. Inst. Pol. Iasi, Chim. Ing. Chim., 49(5), 373-378
168. Viscometric study of poly(sodium 2-acrylamido-2-methylpropanesulfonate)	S. Dragan, M. Mihai, L. Ghimici	Bul. Inst. Pol. Iasi, Chim. Ing. Chim., 49(5), 379-384
169. On the reactivity of the maleimide double bond in the functional copolymers synthesis	C. Hulubei, C. D. Vlad	Bul. Inst. Pol. Iasi, Chim. Ing. Chim., 49(5), 385-390
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f. New perspectives for the improvement of wood quality and products	C. A. Teaca, I. Spiridon, R. Bodirlau	Mem. Sect. Stiint., Acad. Rom., Ser IV, 27, 103-122
g. Biomedical activity of polyurethanes	M. Olaru, E. C. Buruiana, B. C. Simionescu	Mem. Sect. Stiint., Acad. Rom., Ser IV, 27, 19-32
h. Aplicatii inovatoare ale incalzirii dielectrice de inalta frecventa in sinteza de polimeri	G. E. Ioanid	Rev. Inventica, 8(45), 17-22
i. Caracterizarea fizico-chimica a compusului de incluziune alantoina-beta-ciclodextrina	C. Gafitanu, C. Popescu, G. Singurel, D. Macocinschi	Rev. Med. Chir. Soc. Med. Nat. Iasi, 108, 173-176
j. Influenta degradarii unor polimeri asupra proceselor fiziologice ale plantei Pisum sativum	M. C. Dascalu, M. Pascu, G. Cazacu, L. Profire, C. Vasile	Rev. Med. Farm., 50(Supl. II), 17-19
k. Polymeric systems for controlled release of the bioactive substance I. Type of SPCR	L. E. Nita, A. P. Chiriac, C. Vasile	Rev. Soc. Rom. Chim. Cosmet., 4(1), 27-35
l. Influence of functional monomers based on vinyl matrices for obtaining the biocomposites	L. E. Nita, A. P. Chiriac	Rev. Soc. Rom. Chim. Cosmet., 4(1), 40-43
m. Polymeric systems for controlled release of the bioactive substance. II. Administration routes	L. E. Nita, A. P. Chiriac, C. Vasile	Rev. Soc. Rom. Chim. Cosmet., 4(2), 45-55
n. Nanosiliceous matrix for drug encapsulation	L. G. Hanu, A. M. Hanu, E. Popovici, G. Burtica, D. Timpu	Rom. J. Phys., 49, 817-822
o. Biostructures based on macromolecular compounds and a protein	L. E. Nita, A. P. Chiriac	Rom. J. Phys., 49, 849-856
p. Kinetic aspects regarding methyl methacrylate polymerization in a high	A. P. Chiriac	Rom. Rep. Phys., 56, 503-509

	magnetic field		
q.	Curatari in plasma utilizate pentru obiecte de patrimoniu	D. Parpauta, G. Ioanid, A. M. Vlad, A. Grigoriu	Sanatatea Cartilor, 3(1), 9-14
r.	Tratament neconventional – Plasma de inalta frecventa – in combaterea biodeteriorarilor suporturilor organice	G. Ioanid, D. Parpauta, S. Dunca, A. Grigoriu	Sanatatea Cartilor, 3(3), 55-60
s.	Physico-chemical properties of chitosan membranes	G. Lisa, L. Balau, M. I. Popa, V. Tura, M. Apostu, D. Timpu, V. Melnig	Sci. An. Univ. Agric. Sci. Veter. Med. "Ion Ionescu de la Brad" Iasi (Proceedings of the Annual Symposium on Mathematics Applied in Biology and Biophysics, May 28-29, 2004, Iasi), Ser. Hortic., 47, 295-302
t.	The metabolic inhibitory effect of the biquaternary salt of 4,4'-bipyridine on tomato plant growth	M. Irimia, S. Oancea, A. Airinei	Sci. An. Univ. Agric. Sci. Veter. Med. "Ion Ionescu de la Brad" Iasi (Proceedings of the Annual Symposium on Mathematics Applied in Biology and Biophysics, May 28-29, 2004, Iasi), Ser. Hortic., 47, 327-333
u.	Heavy metal effect on plant growth	S. Oancea, N. Foca, A. Airinei, D. Creanga	Sci. An. Univ. Agric. Sci. Veter. Med. "Ion Ionescu de la Brad" Iasi (Proceedings of the Annual Symposium on Mathematics Applied in Biology and Biophysics, May 28-29, 2004, Iasi), Ser. Hortic., 47, 341-344
v.	Efectul copolimerilor maleici asupra capacitatii de tamponare a componentelor horticole	F. Filipov, O. Tomita, G. C. Chitanu, I. Popescu, D. Suflet	Stiinta Solului, 38(1/2), 175-184

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1.	Synthesis and aqueous solution properties of novel thermoresponsive graft copolymers based on maleic acid-vinyl acetate copolymer backbone	C. Vasile, G. G. Bumbu, G. Bokias, G. Staikos, Y. Milanos	Chin. J. Light Scattering, 17, 228-230
2.	Polymer blends containing liquid crystalline component cholesteryl palmitate-containing blends	M. C. Popescu, C. Vasile, D. Filip, D. Macocinschi, G. Singurel	Chin. J. Light Scattering, 17, 231-233
3.	Intermacromolecular associations of hydroxypropyl cellulose and maleic acid copolymers	G. G. Bumbu, B. A. Wolf, C. Vasile	Chin. J. Light Scattering, 17, 275-277
4.	Degradation of lime wood painting supports	C. M. Popescu, Y. Sakata, M. C. Popescu, A. Osaka, C. Vasile	e-PS (e-Preservation Science), 2, 19-29
5.	Studies regarding the increase in hydrophilicity of some textile fabrics through treatment by cold plasma and grafting with vinyl monomers	M. Popa, A. I. Ecsner, R. Muresan, E. Muresan, E. G. Ioanid, A. Ioanid	Eurasian Chem. Technol. J., 7, 123-132
6.	Mastering the sulfonation of aromatic polysulfones, crucial for membranes for fuel application	C. Iojoiu, M. Marechal, F. Chabert, J. Y. Sanchez	Fuell Cells, 5, 344-354
7.	Viscometric study of segmented poly(ester-urethane) solutions in diluted and extremely dilute concentration domains	S. Ioan, M. Lupu, A. Taranu, D. Macocinschi	Int. J. Polym. Mater., 54, 589-606

8. Lubricant oils additivated with polymers in EHD contacts. 2. Test using a four-ball machine	V. Paleu, I. Bercea, S. Cretu, M. Bercea	Lubrication Sci., 17, 173-184
9. Synthesis and properties of block copolymers on the base of oligomeric copolyamide and diene rubber	N. A. Busko, A. V. Barantsova, V. K. Grishchenko, M. Zanoaga, F. Tanasa, E. G. Privalko, V. D. Myshak, V. V. Ageeva	Polimernii Zh. (Kiev), 27, 194-201
10. Enzymatic deinking of old newspaper (ONP)	I. Spiridon, A. M. de Andrade	Progr. Paper Recycling, 14, 261-265
11. Chemical modifications of some linear polymers by polymer-analogues reactions involving tertiary amine groups	V. Barboiu, C. Luca	Recent Research Developments in Polymer Science, 9, 1-33
12. Interaction of maleic acid copolymers with cationic dyes in aqueous solution. 3. Metachromatic interaction of maleic copolymers with Crystal Violet studied by UV-Vis absorption spectroscopy	E. Cidu, G. C. Chitanu, A. Grigoriu	Acta Univ. Cibiniensis, Ser. F Chem., 8, 5-12
13. Effects of heavy metals on plant growth and photosynthetic activity	S. Oancea, N. Foca, A. Airinei	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Biofizica, Fizica Medicala, Fizica Mediului, 1, 105-110
14. Intercalation of the active component of Mospilan insecticide into hydrotalcite-like anionic clays nanopowders	M. Frunza, G. Carja, C. M. Popescu, M. I. Popa	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Biofizica, Fizica Medicala, Fizica Mediului, 1, 9-12
15. Mannich products obtained from 3-acetylcoumarin and 4-hydroxycoumarin	M. C. Stanciu, T. Nicolaescu	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Chim., 13, 13-18
16. Study of the Cu(II) ions retention on ion exchange resin with hydroxamic and amidoxime groups	I. Sarghie, R. Wenkert, I. Bunia, V. Neagu	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Chim., 13, 79-84
17. Functionalization effect of some vinylic matrices for coupling proteic structures	L. E. Nita, E. Avram, A. P. Chiriac	An. West Univ. Timisoara, Ser. Chem., 14, 165-172
18. A multireservoir system for delivery of drugs to small and large intestine after oral administration	G. Fundueanu, M. Constantin	An. West Univ. Timisoara, Ser. Chem., 14, 77-86
19. New hybrid nanocomposites of MgAlHT anionic clays incorporated with acetamiprid	G. Carja, M. Frunza, M. I. Popa, C. Popescu	Bul. Inst. Pol. Iasi, Sect. Stiinta Ing. Mater., 51(1), 145-150
20. Lubricant performances and environmental problems	M. Bercea	Bul. Inst. Pol. Iasi, Sect. Stiinta Ing. Mater., 51(1), 151-158
21. Effect of adsorption on the viscosity of polymer solution at very low concentrations	M. Bercea, S. Morariu	Bul. Inst. Pol. Iasi, Sect. Stiinta Ing. Mater., 51(1), 159-165
22. Formaldehyde resins from renewable resources	F. Mustata, I. Bicu, N. Anghel	Bul. Inst. Pol. Iasi, Sect. Stiinta Ing. Mater., 51(1), 25-30
23. Polyesters based on epiclon	C. Hulubei, E. Hamciuc	Bul. Inst. Pol. Iasi, Sect. Stiinta Ing. Mater., 51(1), 295-302
24. Structure - thermal and viscometric properties relationship for some poly(N-substituted maleimide-co-N-vinyl-2-pyrrolidone)s	C. Hulubei, S. Morariu	Bul. Inst. Pol. Iasi, Sect. Stiinta Ing. Mater., 51(1), 47-54
25. The influence of ageing conditions and chemical structure on the stress-strain data of dibenzyl based polyurethane films	C. Prisacariu, A. Caraculacu	Bul. Inst. Pol. Iasi, Sect. Stiinta Ing. Mater., 51(1), 9-15
26. Interaction of maleic acid with cationic dyes in aqueous solution. 2. Metachromatic interaction of a hydrophobic copolymer studied by the UV-Vis absorption spectroscopy	E. Cidu, G. C. Chitanu, A. Grigoriu	Bul. Inst. Pol. Iasi, Text. Pielarie, 51(1/2), 89-96

27. High frequency cold plasma decontamination of the organic supports from the composition of the museum pieces	G. Ioanid, D. Parpauta, S. Dunca, A. Grigoriu	Bul. Inst. Pol. Iasi, Text. Pielarie, 51(1/2), 97-108
28. Textile finishes with polymer blends	A. Grigoriu, D. Macocinschi, D. Filip	Bul. Inst. Pol. Iasi, Text. Pielarie, 51(1/2), 79-88
29. Studiul structurii supramoleculare a formelor polimorfe ale celulozei prin difractie cu raze X	D. Ciolacu	Cel. Hartie, 54(3), 21-26
30. Caracterizarea amestecurilor polietilena/lignina prin spectroscopie dielectrica	G. Constantinescu	Cel. Hartie, 54(3), 40-45
31. Acetilarea heterogena a celulozei in prezenta toluenului	N. Olaru, D. Ciolacu, L. Olaru	Cel. Hartie, 54(3), 46-50
32. The effect of the synthetic polyelectrolytes on the properties of the horticultural substrata and the features of the ornamental plants	L. Draghia, F. Filipov, T. Robu, G. C. Chitanu	Lucr. Stiint. Univ. Agrara de Stat Moldova, Chisinau, Ser. Horticultura, Viticultura, Silvicultura, Protectia Plantelor, 13, 175-178
33. Effects of mercury and cadmium on the plant growth and photosynthetic activity	S. Oancea, N. Foca, A. Airinei	Lucr. Stiint. Univ. Stiinte Agr. Med. Veter. "Ion Ionescu de la Brad" Iasi, Ser. Agron., 48, 13-19
34. Acid-basic character of some diquatery salts of 4,4'-bipyridine	M. Irimia, G. Carja, S. Noursir, E. Avram, N. Aelenei	Lucr. Stiint. Univ. Stiinte Agr. Med. Veter. "Ion Ionescu de la Brad" Iasi, Ser. Agron., 48, 44-48
35. Vanadium treatment experiments for tomato plants	S. Oancea, N. Foca, A. Airinei	Lucr. Stiint. Univ. Stiinte Agr. Med. Veter. "Ion Ionescu de la Brad" Iasi, Ser. Agron., 48, 49-56
36. Consideratii privind potentialul redox al strugurilor. Preliminarii	C. V. Zanoaga, V. V. Cotea, M. Zanoaga	Lucr. Stiint. Univ. Stiinte Agr. Med. Veter. "Ion Ionescu de la Brad" Iasi, Ser. Hortic., 48, 249-252
37. Efecte mediate redox ale unor compusi fenolici prezenti in vin	C. V. Zanoaga, V. V. Cotea, M. Zanoaga	Lucr. Stiint. Univ. Stiinte Agr. Med. Veter. "Ion Ionescu de la Brad" Iasi, Ser. Hortic., 48, 253-256
38. Characterization of polymer surface by means of the contact angle	E. G. Ioanid, D. Parpauta, A. Grigoriu	Rev. Inventica, 9(50), 22-25
39. Tendinte noi in restaurare - conservare. Plasma de HF III. Efectul corona si torta de inalta frecventa in decontaminarea si curatirea suporturilor anorganice	G. Ioanid	Rev. Inventica, 9(51), 6-10
40. Polifenolii naturali, modulatori endocrino-metabolici in diabetul zaharat experimental	D. Jitaru-Ciubotariu, D. Ungureanu, M. Ciocoiu, M. Badescu, V. Popa, N. Anghel	Rev. Med. Chir. Soc. Med. Nat. Iasi, 109(2, Supl. 1), 33-37
41. Determinarea cantitativa a reziduurilor de triclorfon din tesuturile animale prin cromatografie de inalta performanta III. O noua abordare	M. Totolin	Rev. Rom. Med. Vet., 15, 129-134
42. Microscopic examination of human hair. I. The influence of cosmetic treatments: Colouring and decolouring	A. Ioanid, C. Mihailescu, G. E. Ioanid	Rev. Soc. Rom. Chim. Cosmet., 5(1), 19-23
43. Interpolymeric complexes with applications in medicine, pharmacy and cosmetics	I. E. Raschip, C. Vasile	Rev. Soc. Rom. Chim. Cosmet., 5(2), 55-67
44. Upon poly(aspartic acid) preparation as biodegradable compound	A. P. Chiriac, L. E. Nita, I. Neamtu	Rev. Soc. Rom. Chim. Cosmet., 5(3), 25-28
45. New hair fixing products. Study by optical and electronic microscopy	C. Mihailescu, M. Harabagiu, A. Ioanid, G. E. Ioanid, B. C. Simionescu	Rev. Soc. Rom. Chim. Cosmet., 5(3), 40-43

46. Phenylpropanoids with open cinnamoyl units	E. Rusu, E. Merica	Rev. Soc. Rom. Chim. Cosmet., 5(4), 39-43
47. New organic semiconducting materials and field-effect transistors made from them	M. D. Damaceanu, M. Bruma	Rom. J. Information Sci. Technol., 8, 211-221
48. Amorphous aromatic polyimides as potential piezoelectric materials for high performance application	E. Hamciuc, M. Bruma, C. Hamciuc, R. Lungu	Rom. J. Information Sci. Technol., 8, 269-280
49. Plasma reactors for polymer materials chemical processing	G. E. Ioanid	Rom. J. Phys., 50, 1071-1079
50. Polymer-coated ferrite nanocomposites synthesized by plasma polymerization	I. Neamtu, A. Ioanid, A. Chiriac, L. E. Nita, G. E. Ioanid, M. C. Popescu	Rom. J. Phys., 50, 1081-1087
51. Plasma-modified wood fibers as fillers in polymeric materials	N. Olaru, L. Olaru, G. Cobileac	Rom. J. Phys., 50, 1095-1101
52. Hematoxylin plasma treatment	A. P. Chiriac, L. E. Nita, I. Neamtu, C. M. Popescu, A. Ioanid, G. E. Ioanid	Rom. J. Phys., 50, 1119-1126
53. Applications of atomic absorption spectrometry to the study of the vegetative processes of the plants grown in special conditions	I. Mindreci, C. Vasile, M. Pascu, G. Cazacu	Rom. J. Phys., 50, 1163-1169
54. Possibilities of vinylic polymers obtainment in cold plasma	L. E. Nita, A. Ioanid, C. M. Popescu, I. Neamtu, G. E. Ioanid, A. P. Chiriac	Rom. J. Phys., 50, 755-762
55. Strong base anion exchangers with adsorption properties for uranyl chlorocomplex ion	E. S. Dragan, E. Avram, D. Axente, C. Marcu	Studia Univ. Babes-Bolyai, Physica, 50(3), 171-176

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2006

1. Feedstock recycling from plastic and thermoset fraction of used computers. I. Pyrolysis	C. Vasile, M. A. Brebu, T. Karayildirim, J. Yanik, H. Darie	J. Mater. Cycles Waste Manag., 8, 99-108
2. Polyelectrolyte titration of sodium maleate-alt-vinyl acetate copolymer with Hyamine 1622	C. Chitanu, A. Onu, A. G. Anghelescu-Dogaru, A. Carpov	J. Water Chem. Technol., 28(6), 39-46
3. Organic ion exchangers. Synthesis and their behaviour in the retention of some metal ions	V. Neagu, I. Bunia, C. Luca	Macromol. Symp., 235, 136-142
4. Aromatic polyamides containing pendent acetoxybenzamide groups	I. Sava, M. Bruma	Macromol. Symp., 239, 36-42
5. Interaction of maleic acid copolymers with collagen. 1. Homogeneous and phase separating systems	A. G. Anghelescu-Dogaru, G. C. Chitanu, H. Tenhu	Macromol. Symp., 239, 68-76
6. 2-(1-Ethyl-but-2-enyloxy)-isoindole-1,3-dione	S. Coseri	Molbank, M459
7. 2-(Cyclohex-2-enyloxy)-isoindole-1,3-dione	S. Coseri	Molbank, M460
8. 2-(Cyclooct-2-enyloxy)-isoindole-1,3-dione	S. Coseri	Molbank, M461
9. Synthesis of 4-[4-(4-nitrobenzylideneiminophenylene)phenyleneimino methylenidene]-phenol	L. Marin, V. Cozan	Molbank, M488
10. Synthesis and characterisation of novel shape memory polyurethanes derived from 4,4'-dibenzyl diisocyanates	C. Prisacariu, C. P. Buckley, A. A. Caraculacu	PU Magazine, 3(4), 1-4
11. Mechanical behavior on recycled	R. N. Darie, C. Vasile, M.	Sci. Pap. Inst. Environ.

polypropylene and polyamide	Kozlowski	Protection Eng. Wroclaw Univ. Techn., 81, 133-139
12. Effects of maleated ethylene propylene rubber on the processing and some thermal properties of copolyamide/ethylene propylene diene rubber (EPDM) blends	N. Darie, M. Zanoaga, C. Grigoras, C. Vasile, M. Kozlowski	Sci. Pap. Inst. Environ. Protection Eng. Wroclaw Univ. Techn., 81, 179-185
13. Feedstock recycling from thermoset fraction of the PCB from used computers	C. Vasile, M. A. Brebu, H. Darie, T. Karayildirim, J. Yanik	Sci. Pap. Inst. Environ. Protection Eng. Wroclaw Univ. Techn., 81, 41-47
14. Viscometric behaviour of some solutions of the poly(carboxybetaine) containing [1-vinyl-3-(2-carboxymethyl) imidazolium betaine] structural units and of its precursor, poly(1-vinylimidazole)	S. Racovita, A. Onu, C. Luca	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Chim., 14(1), 41-46
15. Heterocyclic polyurethanes. Intermolecular interaction as revealed by GPC and viscosity measurements	E. Scortanu, A. Taranu, C. Prisacariu, A. Caraculacu	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Chim., 14(1), 51-57
16. Synthesis of some poly-ketoacids by Friedel-Crafts polycondensation reaction	E. Scortanu	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Chim., 14(1), 59-66
17. Polybarbiturates obtained by the cyclocondensation reaction of polyureas	E. Scortanu	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Chim., 14(1), 67-74
18. Hydrogen-bonding complexes of barbitol with some isocyanates and their urea derivatives	E. G. Hitruc, E. Scortanu, C. Grigoras, A. Caraculacu	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Chim., 14(1), 75-83
19. On the mechanical properties of rubber plasma-treated rubber powders	N. Olaru, L. Olaru	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Chim., 14(1), 93-98
20. Methyldichlorosilane behavior in reductive coupling processes	G. Sacarescu, M. Simionescu, L. Sacarescu, R. Ardeleanu	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Chim., 14(2), 49-56
21. Hyperconjugated polysilacarbosilanes	L. Sacarescu, R. Ardeleanu, M. Simionescu, G. Sacarescu	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Chim., 14(2), 57-62
22. Alophanic structures obtained by using isocyanates	E. G. Hitruc	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Chim., 14(2), 63-68
23. Soluble polysilane copolymers. Synthesis and characterization	L. Sacarescu, I. Mangalagiu, D. Maftai, M. Simionescu, G. Sacarescu	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Chim., 14(2), 7-12
24. Static secondary ion mass spectrometry and matrix-assisted laser desorption/ionization for polymer analysis	A. Taranu, L. Van Vaeck, V. Barboiu	An. Stiint. Univ. "Al. I. Cuza" Iasi, Ser. Chim., 14(2), 97-106
25. Contributions to the study of chalcedony and opal quartered in the andesites from Bucuresci-Criscior perimeter (Brad, Hunedoara county). I	D. Bulgariu, M. Branzila, R. Jitaru, L. Bulgariu, M. Pintilei, C. Popescu	An. Stiint. Univ. "Al. I. Cuza" Iasi, Geologie, 49/50, 12-25
26. Boron compounds - performant reagents for substitution reaction at the aromatic ring	F. Tanasa, C. I. Chiriac	An. Univ. "Ovidius" Constanta, Ser. Chim., 17, 123-126
27. PMMA dielectric parameters analysis via broadband dielectric spectroscopy method	S. Aradoaei, G. Constantinescu, M. Olariu, S. Ursache	Bul. Inst. Pol. Iasi, Electrotehnica, Energetica, Electronica, 52(5B), 597-602
28. A new class of electrical materials from renewable resources	G. Constantinescu, S. Aradoaei, S. Ursache, R. Ciobanu	Bul. Inst. Pol. Iasi, Electrotehnica, Energetica, Electronica, 52(5B), 603-608
29. Orientational order of a lyotropic liquid crystal improved by host-guest interactions	D. O. Dorohoi, S. Picos, C. Vlad, M. Aflori, N. Robu, L. Rosu	Bul. Inst. Pol. Iasi, Matem. Mec. Teoret. Fizica, 50(5), 217-223
30. A point of view on grease rolling bearings operation in the presence of the electrical fields	M. C. Tiron, F. Farcas, C. Ulianov, A. Farcas, G. Hagi	Bul. Inst. Pol. Iasi, Sect. Constructii Masini, 52(5E), 1605-1608

31. A method for lubricant greases optimum functioning temperature calculus	F. Farcas, M. C. Tiron, A. Farcas, M. Alexandrescu	Bul. Inst. Pol. Iasi, Sect. Constructii Masini, 52(6A), 229-234
32. Considerations concerning rolling bearings chemical deterioration	M. C. Tiron, F. Farcas, A. Farcas, M. Alexandrescu	Bul. Inst. Pol. Iasi, Sect. Constructii Masini, 52(6A), 440-444
33. Comportement mecanique des melanges polymeres-huiles lubrifiantes	Maria Bercea, M. Bercea	Bul. Inst. Pol. Iasi, Sect. Constructii Masini, 52(6A), 67-74
34. Particular aspects on the deformation and fracture of novel dibenzyl polyurethane elastomers of variable crystallinity	C. Prisacariu, P. C. Buckley, V. A. Prisacariu	Bul. Inst. Pol. Iasi, Sect. Stiinta Ing. Mater., 52(1), 169-176
35. Characterization of some polyurethane elastomers with 1,4-butanediol chain extender and dibenzyl derivatives	C. Prisacariu, E. Scortanu, V. A. Prisacariu	Bul. Inst. Pol. Iasi, Sect. Stiinta Ing. Mater., 52(2), 13-18
36. Modifications induced by static tensile testings in thermoplastic polyurethanic films	C. Prisacariu, E. Scortanu	Bul. Inst. Pol. Iasi, Sect. Stiinta Ing. Mater., 52(2), 23-26
37. Modified of polyaminobismaleimide resins with 2-phenoxypropyleneoxide	C. Gaina, V. Gaina	Bul. Stiint. Univ. "Politehnica" Timisoara, Ser. Chim. Ing. Mediului, 51, 27-30
38. Novel modified bismaleimide and biscitraconimide resins with bis(2-oxazoline)s and bisthiols	C. Gaina	Bul. Stiint. Univ. "Politehnica" Timisoara, Ser. Chim. Ing. Mediului, 51, 31-34
39. Synthesis and characterization of furosemide complex in beta-cyclodextrin	A. Farcas, N. Jarroux, A. M. Farcas, V. Harabagiu, P. Guegan	Digest J. Nanomater. Biostruct, 1, 55-60
40. Copper (II) and mercury (II) retention properties of a polyacrylamidoxime chelating fiber	D. Bilba, G. Moroi, N. Bilba	Environ. Eng. Manag. J., 5, 297-305
41. Pollutants removal with synthetic polycations and their complexes	E. S. Dragan, L. Ghimici, M. Mihai	Environ. Eng. Manag. J., 5, 625-634
42. Antitoxic effect of glutathione in a wheat germination experiment using copper ions	C. Ciobanu, R. Molnar, M. Morariu, R. Ruscanu, G. Drochioiu	Lucr. Stiint. Univ. Stiinte Agr. Med. Veter. "Ion Ionescu de la Brad" Iasi, Ser. Agron., 49, 346-351
43. Dinitrophenol pesticides: Biological activity, toxicity and action mechanism	R. Molnar, D. Creanga, A. Pui, R. Ruscanu, M. Murariu, C. Ciobanu, G. Drochioiu	Lucr. Stiint. Univ. Stiinte Agr. Med. Veter. "Ion Ionescu de la Brad" Iasi, Ser. Agron., 49, 352-357
44. Some results of heavy metal effects on Capsicum annum development	S. Oancea, N. Foca, A. Airinei	Lucr. Stiint. Univ. Stiinte Agr. Med. Veter. "Ion Ionescu de la Brad" Iasi, Ser. Agron., 49, 99-104
45. The study regarding to reduce static electricity charging of some textile materials using chemical and physico-chemical treatments	E. G. Ioanid, R. Muresan, A. I. Ecsner, A. Ioanid, A. Muresan	Rev. Inventica, 10(52), 29-33
46. Sur la synthese du poly(EHA-AV-AA) asistee par un champ electromagnetique de haute frequence	E. G. Ioanid	Rev. Inventica, 10(52), 34-38
47. Synthesis and characterization of a hydrogel with therapeutic applications	L. E. Nita, I. Neamtu, A. P. Chiriac, V. Badescu	Rev. Med. Chir. Soc. Med. Nat. Iasi, 110, 228-231
48. Singlet oxygen - a challenge for science	E. Rusu, E. Merica	Rev. Soc. Rom. Chim. Cosmet., 6(4), 20-26
49. The rheological behavior in oscillatory shear regime of some cosmetic systems	M. D. Vicol, R. Antonescu, M. Bercea, M. Lungu, E. Merica	Rev. Soc. Rom. Chim. Cosmet., 6(4), 31-36
50. Spectrophotometric analysis of the blood	I. Motrescu, S. Oancea, A.	Rom. J. Biophys., 16, 215-220

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51. Electrochemical microcell for (cyano)bacteria-based biosensors	L. Galateanu, M. Bazu, V. Ilian, C. Tibeica, N. Cimpoca, C. Podaru, I. Ardelean, L. Dumitru, M. Grigoras, M. Ivanoiu, M. Totolin, D. Conduruta	Rom. J. Information Sci. Technol., 9, 119-128
52. Synthesis and characterization of heterocyclic polyimides as high performance materials with potential applications in RF MEMS devices processing	M. Bruma, I. Sava, E. Hamciuc, C. Hamciuc, M. D. Damaceanu	Rom. J. Information Sci. Technol., 9, 277-284
53. Aromatic polyimides based on 3,3'-dimethyl-4,4'-diaminodiphenylmethane as potential material for interlayer dielectrics in RF MEMS circuits	I. Sava	Rom. J. Information Sci. Technol., 9, 329-334
54. Computational challenges in condensed matter applications	T. Rusu, O. M. Gogan	Rom. J. Phys., 51, 187-196
55. Study of the process of the water desorption from lignins	C. M. Popescu, G. Cazacu, G. Singurel, C. Vasile	Rom. J. Phys., 51, 259-264
56. Microscopical study of poly(ethylene-adipate)/cholesteryl palmitate blends	M. C. Popescu, C. Vasile, G. Singurel	Rom. J. Phys., 51, 261-268
57. Fluorescent polymers for sensor applications	E. C. Buruiana, T. Buruiana, M. Olaru, M. Zamfir, V. Pohoata	Scientific Study Res., Chem. Chem. Eng. Food Ind., 7, 141-150
58. Bistriazene polyurethanes: Synthesis, characterization and photobehavior	E. C. Buruiana, V. Melinte, T. Buruiana, B. C. Simionescu, T. Lippert	Scientific Study Res., Chem. Chem. Eng. Food Ind., 7, 131-140
59. Les proprietes redox des viologenes symetriques	M. Irimia, E. Avram, N. Aelenei	Scientific Study Res., Chem. Chem. Eng. Food Ind., 7, 839-846
60. "Tabou search" methode dans la generation assistee sur ordinateur des composees macromoleculaires	T. Rusu, O. M. Gogan	Scientific Study Res., Chem. Chem. Eng. Food Ind., 7, 965-972
61. A new chelatic sorbent for removal of copper(II) pollutant ions	R. Wenkert, I. Sarghie, I. Bunia, V. Neagu	Tratamente Termice si Ingineria Suprafetelor (Heat Treatments and Surface Engineering), 5, 13-20

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137. Some aspects concerning the properties of polyacrylonitrile solutions in different concentration regimes	C. E. Brunchi, M. Bercea, S. Morariu	An. Univ. "Dunarea de Jos" Galati, Fasc. II, Matem. Fizica Chimie Informatica, 25 (Supl.), 61-68
138. Rheological behavior of poly(dimethylsiloxane)s with different end groups	C. E. Brunchi, M. Bercea, M. Cazacu, S. Ioan	An. Univ. "Dunarea de Jos" Galati, Fasc. II, Matem. Fizica Chimie Informatica, 25 (Supl.), 69-76

139. Optical surface properties of polyimides crosslinked thin film	A. I. Cosutchi, C. Hulubei, D. O. Dorohoi, M. Neagu, S. Ioan	An. Univ. "Dunarea de Jos" Galati, Fasc. II, Matem. Fizica Chimie Informatica, 25 (Supl.), 77-81
140. Investigations related to a copolyamide for fusible linings	M. Zanoaga	Bul. Inst. Pol. Iasi, Text. Pielarie, 53(5/II), 163-168
141. Investigations related to the thermal behaviour of some thermoadhesives used in light industry	M. Zanoaga, G. Doncean	Bul. Inst. Pol. Iasi, Text. Pielarie, 53(5/II), 169-174
142. Studies on plasma irradiation influence onto textile cellulosic supports belonging to cultural heritage objects	N. Vranceanu, A. Grigoriu, S. Ciovisa, V. Blascu, G. Ioanid, D. Parpauta, D. Coman, A. M. Grigoriu	Bul. Inst. Pol. Iasi, Text. Pielarie, 53(5/II), 447-452
143. Studies regarding the possibilities of using high frequency cold plasma for cleaning patrimony objects through simulating the treatments on standard materials	R. Muresan, M. Totolin, A. Ioanid, E. G. Ioanid, A. Muresan	Bul. Inst. Pol. Iasi, Text. Pielarie, 53(5/II), 573-578
144. New possibilities for cleaning and protecting of textile fabrics from cultural heritage objects	A. Muresan, C. Mihailescu, R. Muresan, A. Ioanid, G. E. Ioanid	Bul. Inst. Pol. Iasi, Text. Pielarie, 53(5/II), 579-584
145. Surface study of some parchment type materials	A. Ioanid, D. Macocinschi, E. G. Ioanid, D. Filip, L. Miu, M. Crudu	Bul. Inst. Pol. Iasi, Text. Pielarie, 53(5/II), 591-596
146. New magnetic organic-inorganic conjugates	A. Durduleanu-Angheluta, M. Pinteala, R. Ardeleanu, V. Harabagiu, B. C. Simionescu, H. Chiriac, N. Lupu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 2, 115-118
147. Synthesis and characterization of polyaniline with pseudorotaxane architecture	A. Farcas, N. Marangoci, N. Jarroux, P. Guegan, V. Harabagiu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 2, 127-130
148. Synthesis and characterization of a new polymeric system based on polyisoprene with secondary amine chain end and magnetite	A. Farcas, A. Durduleanu, M. Pinteala, V. Harabagiu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 2, 131-134
149. Polydimethylsiloxane modified with aziridines	D. Enescu, V. Hamciuc, L. Pricop, V. Harabagiu, B. C. Simionescu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 2, 193-196
150. Polysilacarbosilanes transformation in ceramic material	G. Sacarescu, M. Simionescu, L. Sacarescu, R. Ardeleanu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 2, 197-200
151. Functional polysilanes, precursors for ceramic materials	G. Sacarescu, L. Sacarescu, M. Simionescu, R. Ardeleanu, I. Mangalagiu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 2, 201-204
152. Porous polycyclocarbosiloxane structures	L. Sacarescu, M. Simionescu, G. Sacarescu, R. Ardeleanu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 2, 205-208
153. Si-H functional polysilnaphthalene-siloxane copolymers	L. Sacarescu, M. Simionescu, G. Sacarescu, R. Ardeleanu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 2, 209-212
154. Synthesis and characterization of a new pseudorotaxane for biological applications	M. Spulber, X. Patras, M. Mares, V. Harabagiu, B. C. Simionescu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 2, 229-233
155. New siloxane-modified addition polyimides	M. Simionescu, L. Sacarescu, G. Sacarescu, R. Ardeleanu, N. Hurduc	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 2, 235-238
156. Polysiloxaneimides with potentially piezoelectric applications	M. Simionescu, G. Sacarescu, L. Sacarescu, R.	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD

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157. Morphology of polyrotaxanes based on polydimethylsiloxanes and α -cyclodextrin	N. Marangoci, A. Farcas, M. Pinteala, V. Harabagiu, B. C. Simionescu, S. Bronnikov	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 2, 243-247
158. Dilute solution properties of polydimethylsiloxanes	C. E. Brunchi, M. Cazacu, S. Morariu, S. Ioan	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 2, 253-258
159. Polysilane hybrid of Cu(II) bis(salicylideneimine)	R. Ardeleanu, G. Sacarescu, L. Sacarescu. M. Simionescu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 2, 291-296
160. Dynamic responses of polymer-clay nanocomposites in solution	S. Morariu, M. Bercea	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 2, 305-310
161. Flow behaviour of the poly(N-(4-carboxyphenyl)maleimide-co-styrene) in dimethylsulfoxide	S. Morariu, C. Hulubei, M. Bercea	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 2, 311-316
162. Influence of temperature and polymer concentration on the rate of gelation of polyacrylonitrile solutions	C. E. Brunchi, M. Bercea, S. Morariu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 2, 367-372
163. Effect of solvent mixtures on the solution properties of quaternized polysulfones	A. Filimon, E. Avram, S. Ioan	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 2, 93-98
164. Electrical properties of epiclone based polyimides	A. I. Cosutchi, C. Hulubei, S. Ioan	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 2, 99-102
165. Poly(1,3,4-oxadiazole-ether)s. Synthesis and characterization	C. Hamciuc, A. M. Ipate, E. Hamciuc, T. Vlad-Bubulac, O. Petreus, G. Lisa	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 103-108
166. Polyimide-polydimethylsiloxane copolymers. Synthesis and characterization	E. Hamciuc, C. Hamciuc, M. Cazacu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 109-114
167. New polyesterimides with cyclic bulky groups containing phosphorus. Synthesis and properties	O. Petreus, T. Vlad-Bubulac, C. Hamciuc	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 123-128
168. Phosphorus-containing polyesters and polyesterimides. Synthesis and characterization	T. Vlad-Bubulac, C. Hamciuc, O. Petreus, G. Lisa	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 129-134
169. Study concerning cellulose structure control by dissolution-regeneration process	D. Ciolacu, F. Ciolacu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 135-139
170. Compared properties of silicon containing aromatic poly(amide-imide)s	I. Sava, E. Hamciuc	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 141-146
171. Compatibility effect on the morphology and mechanical behaviour of polypropylene blends with copolyamide	M. Zanoaga, R. N. Darie	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 147-152
172. Siloxane-azoaromatic polyesters as multifunctional materials	C. Racles, A. Airinei, A. Ioanid, C. Grigoras, M. Cazacu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 225-232
173. Photochemical behavior of some organic azides	A. Airinei, C. Gaina, V. Gaina	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 285-288
174. Solvent influence on the electronic transition of some anthracene derivatives	R. Tigoianu, A. Airinei, D. Dorohoi	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 289-294
175. Possibilities to use poly(aspartic acid) as	A. P. Chiriac, L. Verestiuc, L.	Bull. Transilvania Univ. Brasov,

matrix for a bioactive structure	E. Nita, I. Neamtu	Supl. BRAMAT 2007, CD Edition, vol. 4, 341-346
176. Alternating copolymers containing benzoxazine moieties as pendant	I. Cianga, B. Gacal, Y. Yagci	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 347-352
177. Electronic textiles. 1. Synthesis and characterization of functional polymers with applications in textile coatings	L. Cianga, I. Cianga, F. M. Tanasa, C. Loghin	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 353-358
178. Photoinduced properties of some polymers containing azoaromatic moieties	N. Fifere, A. Airinei, C. Hulubei	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 35-41
179. Poly(phenylene vinylene)s with macromolecular substituents	I. Cianga, D. Colak, Y. Yagci	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 359-364
180. New functional epoxy resins	V. Gaina, C. Gaina	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 365-370
181. New functional maleimides and citraconimides for amide or urea aromatic bismaleimides	C. Gaina, V. Gaina	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 371-376
182. New polymers based on isocyanates	E. G. Hitruc, A. A. Caraculacu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 377-380
183. Rheological characterization under oscillatory shear stress of some solutions of cyanoethylated poly(vinyl alcohol)	M. Bercea, M. Nanescu, M. Lungu, M. Ivanoiu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 381-388
184. Intermacromolecular complexes on poly(aspartic acid) basis with antibacterial properties	I. Neamtu, A. P. Chiriac, L. E. Nita, M. Bercea	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 389-394
185. Synthesis and characterization of some aromatic polyesters with pendent coumarin groups	M. Nechifor	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 395-400
186. Studies on photoreactive polyesters containing unsaturated carbonyl groups in the side chains	M. Nechifor	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 401-404
187. Biodegradable materials based on poly(aspartic acid)	L. E. Nita, S. Cimmino, C. Silvestre, D. Duraccio, I. Neamtu, C. M. Popescu, A. P. Chiriac	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 405-410
188. Stress-strain behaviour of some new thermoplastic polyurethane elastomers based on dibenzyl structures and on mixtures of isocyanates of variable geometry	C. Prisacariu, E. Scortanu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 417-420
189. Characterization of new shape memory polyurethanes based on 4,4'-dibenzyl diisocyanate	C. Prisacariu, E. Scortanu, A. Caraculacu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 421-424
190. On the compression properties of polyurethanes based on dibenzyl monomers and 1,4-butanediol as compared to other diol chain extenders	C. Prisacariu, E. Scortanu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 425-429
191. Investigation of use fullness of bifunctional ion exchanger in separation and preconcentration of Cu ²⁺ and Co ²⁺	R. Wenkert, I. Sarghie, S. Moisa, V. Neagu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 593-603
192. DSC evaluation of the thermal behaviour of some new copolyesters based on a p-hydroxybenzoic acid derivative	F. Tanasa, C. I. Chiriac	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 65-70

193. Removal of Hg(II) ions from aqueous solutions by new strong base anion exchange resins with amide functional groups	V. Neagu, C. Luca, S. Stefan, M. Stefan, I. Untea	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 707-714
194. Investigation on the relationship structure-properties of a novel series of PHBA based copolyesters	F. Tanasa, C. I. Chiriac	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 71-76
195. Dielectric relaxation spectroscopy of polyolefins/natural polymers blends	G. Constantinescu, R. C. Ciobanu, G. Kortaberria, I. Mondragon	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 77-82
196. Synthesis and characterization of cellulose hydrogels	D. Ciolacu	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 83-88
197. New thermotropic poly(azomethine-sulfone)s	L. Marin, V. Cozan, M. Bruma	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 89-95
198. Hybrid polyimides obtained by sol-gel process	I. Sava	Bull. Transilvania Univ. Brasov, Supl. BRAMAT 2007, CD Edition, vol. 4, 97-102
199. Studiu asupra structurii supramoleculare a formelor alomorfe ale celulozei prin spectroscopie FTIR	D. Ciolacu	Cel. Hirtie, 56(1), 18-22
200. Application of polycations in separation processes	M. Mihai, L. Ghimici, E. S. Dragan	Environ. Eng. Manag. J., 6, 419-423
201. Individual and simultaneous degradation of brominated high impact polystyrene and brominated acrylonitrile-butadiene-styrene and removal of heteroelements (Br, N and O) from degradation oil by multiphase catalytic systems	N. M. M. Mitan, M. Brebu, T. Baskar, A. Muto, Y. Sakata	J. Mater. Cycles Waste Manag., 9, 51-61
202. Coprocessing of DVDs and CDs with vegetable cooking oil by thermal degradation	N. M. M. Mitan, M. Brebu, T. Baskar, A. Muto, Y. Sakata, M. Kaji	J. Mater. Cycles Waste Manag., 9, 62-68
203. Thermal characterization of the polyolefin/natural polymers blends	G. Constantinescu, G. Cazacu	Rom. J. Phys., 52, 349-354

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NUMAR LUCRARI / 2003-2007: 352

TOTAL PUNCTAJ/ 2003-2007: 1 760

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1. Polimeri aromatici cu siliciu	M. Bruma, I. Sava, E. Hamciuc	Ed. Fides, Iasi, 2003, 136 p
2. Polimeri aromatici fluorurati	M. Bruma, M. D. Iosip	Ed. Fides, Iasi, 2003, 160 p
3. Tehnici neconventionale pentru obtinerea compusilor macromoleculari	E. G. Ioanid, C. Mihailescu, A. Chiriac, A. Ioanid, I. Neamtu	Ed. Performantica, Iasi, 2003, 256 p
4. Handbook of Polymer Blends and Composites, vol.3	C. Vasile, A. K. Kulshreshtha, Eds.	Rapra Technology Ltd., Shawbury, England, 2003, 674 p
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6. Aplicatii ale spectrometriei IR in medicina si farmacie	M. Pascu, V. Rusu, C. Vasile	Ed. Tehnopress, Iasi, 2003, 477 p
7. Bioartificial polymeric materials based on soft PVC/natural polymer blends. III. Soft PVC/hydrolyzed collagen blends containing graft copolymers as reactive compatibilizers	M. C. Pascu, M. Lungu, G. G. Bumbu, L. Moldovanu, H. Darie, C. Vasile	Biochemistry and Chemistry: Research and Development, G. E. Zaikov, V. M. M. Lobo, Eds., Nova Science Publ., New York, 49-72
8. Styrene polymers/ferrite magnetic composites with potential biomedical applications	L. E. Nita, A. P. Chiriac, C. Vasile	Biochemistry and Chemistry: Research and Development, G. E. Zaikov, V. M. M. Lobo, Eds., Nova Science Publ., New York, 73-90
9. Interface (interphase) in demixed polymer systems	C. Vasile	Handbook of Polymer Blends and Composites, C. Vasile, A. K. Kulshreshtha, Eds., Rapra Technology Ltd., Shawbury, UK, vol. 3A, 103-133
10. Reactive blending	C. Vasile	Handbook of Polymer Blends and Composites, C. Vasile, A. K. Kulshreshtha, Eds., Rapra Technology Ltd., Shawbury, UK, vol. 3A, 215-274
11. Water soluble polymer systems. Phase behaviour and complex formation	G. Staikos, G. Bokias, G. G. Bumbu	Handbook of Polymer Blends and Composites, C. Vasile, A. K. Kulshreshtha, Eds., Rapra Technology Ltd., Shawbury, UK, vol. 3A, 135-177
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13. Thermodynamics of multicomponent polymer systems	C. Vasile, G. G. Bumbu	Handbook of Polymer Blends and Composites, C. Vasile, A. K. Kulshreshtha, Eds., Rapra Technology Ltd., Shawbury, UK, vol. 3A, 19-64
14. Advanced polymers: interpenetrating networks	L. Ignat, A. Stanciu	Handbook of Polymer Blends and Composites, C. Vasile, A. K. Kulshreshtha, Eds., Rapra Technology Ltd., Shawbury, UK, vol. 3A, 275-329
15. Phase behaviour	C. Vasile	Handbook of Polymer Blends and

		Composites, C. Vasile, A. K. Kulshreshtha, Eds., Rapra Technology Ltd., Shawbury, UK, vol. 3A, 65-101
16. Heterofibres	A. Grigoriu, G. E. Grigoriu	Handbook of Polymer Blends and Composites, C. Vasile, A. K. Kulshreshtha, Eds., Rapra Technology Ltd., Shawbury, UK, vol. 3B, 331-338
17. Degradation behaviour of polymer blends and thermal treatment of polymer wastes	M. A. Brebu, Y. Sakata, M. A. Uddin	Handbook of Polymer Blends and Composites, C. Vasile, A. K. Kulshreshtha, Eds., Rapra Technology Ltd., Shawbury, UK, vol. 3B, 561-614
18. Polystyrene and styrene copolymer-based blends	B. S. Munteanu, M. Brebu, C. Vasile	Handbook of Polymer Blends and Composites, C. Vasile, A. K. Kulshreshtha, Eds., Rapra Technology Ltd., Shawbury, UK, vol. 4A, 121-184
19. Polyacrylic-based polymer blends	A. P. Chiriac	Handbook of Polymer Blends and Composites, C. Vasile, A. K. Kulshreshtha, Eds., Rapra Technology Ltd., Shawbury, UK, vol. 4B, 365-409
20. Blends containing thermostable heterocyclic polymers	M. Bruma, I. Sava	Handbook of Polymer Blends and Composites, C. Vasile, A. K. Kulshreshtha, Eds., Rapra Technology Ltd., Shawbury, UK, vol. 4B, 441-484
21. Blends and interpenetrating networks based on polyurethanes	A. Stanciu, L. Ignat	Handbook of Polymer Blends and Composites, C. Vasile, A. K. Kulshreshtha, Eds., Rapra Technology Ltd., Shawbury, UK, vol. 4B, 485-524
22. Blends and networks containing silicon-based polymers	V. Harabagiu, M. Pinteala, B. C. Simionescu	Handbook of Polymer Blends and Composites, C. Vasile, A. K. Kulshreshtha, Eds., Rapra Technology Ltd., Shawbury, UK, vol. 4B, 525-563
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24. Environmentally-friendly polymers and blends	C. Vasile, A. K. Kulshreshtha	Handbook of Polymer Blends and Composites, C. Vasile, A. K. Kulshreshtha, Eds., Rapra Technology Ltd., Shawbury, UK, vol. 4B, 615-720

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2004

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2. Bioapplication oriented polymers. Micro- and nanoparticles for drug delivery systems	V. Harabagiu, G. Fundueanu, M. Pinteala, M. Constantin, T. Hamaide	Advances in Experimental Medicine and Biology, 553 (Biomaterials. From Molecules to Engineered Tissues), H. Hasirci, V. Hasirci, Eds., Kluwer Academic/Plenum Publ., New York, 69-82
3. On the compatibility of low density polyethylene/hydrolyzed collagen blends	M. C. Dascalu, C. Silvestre, M. C. Pascu, E. Fekete, C. Vasile	Chemical Reactions: Quantitative Level of Liquid and Solid Phase, G. E. Zaikov, A. Jimenez, Eds., Nova Science Publ., New York, 21-47
4. Blends and composites based on cellulose materials	G. Cazacu, V. I. Popa	Polysaccharides. Structural Diversity and Functional Versatility, 2nd edition, S. Dumitriu, Ed., M. Dekker, New York, 1141-1179
5. Hemicelluloses. Structure and properties	I. Spiridon, V. I. Popa	Polysaccharides. Structural Diversity and Functional Versatility, 2nd edition, S. Dumitriu, Ed., M. Dekker, New York, 475-489
6. Biotehnologia in prevenirea dezastrelor provocate de factori naturali si antropici	I. Spiridon	Fenomene si procese cu risc major la scara nationala, F. G. Filip, B. C. Simionescu, Coordonatori, Ed. Academiei Romane, Bucuresti, 349-361
7. Utilizarea polimerilor pentru conditionarea si/sau remedierea solurilor contaminate sau poluate	G. C. Chitanu, F. Filipov	Fenomene si procese cu risc major la scara nationala, F. G. Filip, B. C. Simionescu, Coordonatori, Ed. Academiei Romane, Bucuresti, 333-347

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1. Tehnologii avansate pentru sinteza si procesarea pulberilor nanocompozite biocompatibile	R. M. Piticescu, G. C. Chitanu, M. Albulescu	Ed. AVANMAT, Bucuresti, 2005, 67 p
2. Aplicatii ale plamei reci de inalta frecventa in domeniul restaurarii - conservarii	E. G. Ioanid, D. E. Parpauta	Ed. Performantica, Iasi, 2005, 171 p.
3. Modificarea suprafetei materialelor textile	A. Muresan, A. Ioanid, A. I. Ecsner, R. Muresan, E. G. Ioanid	Ed. Performantica, Iasi, 2005, 281 p.
4. Eurogreenpol. First European Summer School on Green Chemistry of Polymers, 21-27 Aug. 2005, Iasi, Romania, Book of Proceedings	G. C. Chitanu, Editor	Ed. Pim, Iasi, 2005, 123 p.

5. Eurogreenpol. First European Summer School on Green Chemistry of Polymers, 21-27 Aug. 2005, Iasi, Romania, Book of Lectures, Part 1	G. C. Chitanu, Editor	Ed. Pim, Iasi, 2005, 139 p.
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7. Noi materiale multifunctionale pe baza de copolimeri maleici pentru protectia mediului si bioaplicatii	G. C. Chitanu, I. Popescu, C. Gaidau, F. Filipov	Ed. Tehnopress, Iasi, 2005, 59 p
8. Practical Guide to Polyethylene	C. Vasile, M. Pascu	Rapra Technology Ltd., Shawbury, England, 2005, 184 p
9. Focus on Ionic Polymers	E. S. Dragan, Ed.	Research Signpost, Trivandrum, India, 2005, 292 p.
10. Inelasticity of hard-phase reinforced elastomers. A study of copolyurethanes with varying hard and soft segments	P. C. Buckley, C. Prisacariu, A. A. Caraculacu, C. M. Martin	Constitutive Models for Rubber IV, P. E. Austrell, L. Kari, Eds., Taylor and Francis (A. A. Balkema Publishers), London, 465-470
11. Synthetic polybetaines. Synthesis and properties	C. Luca, V. Neagu, S. Vasiliu, V. Barboiu	Focus in Ionic Polymers, E. S. Dragan, Ed., Research Signpost, Trivandrum, India, 117-152
12. Nitrogen based synthetic polycations	E. S. Dragan, L. Ghimici	Focus in Ionic Polymers, E. S. Dragan, Ed., Research Signpost, Trivandrum, India, 1-48
13. Self aggregation of amphiphilic polyelectrolytes	M. Nichifor, G. Mocanu	Focus in Ionic Polymers, E. S. Dragan, Ed., Research Signpost, Trivandrum, India, 153-201
14. Polysiloxanes bearing ionic groups	M. Cazacu	Focus in Ionic Polymers, E. S. Dragan, Ed., Research Signpost, Trivandrum, India, 261-292
15. Transport properties of soluble polyelectrolytes	L. Ghimici, E. S. Dragan	Focus in Ionic Polymers, E. S. Dragan, Ed., Research Signpost, Trivandrum, India, 49-92

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1. New Trends in Natural and Synthetic Polymer Science	C. Vasile, G. E. Zaikov, Eds.	Nova Science Publ., Inc., New York, 2006, 255 p
2. Focus on Natural and Synthetic Polymer Science	C. Vasile, G. E. Zaikov, Eds.	Nova Science Publ., New York, 2006, 215 p
3. New Trends in Nonionic (Co)Polymers and Hybrids	E. S. Dragan, Ed.	Nova Science Publ., New York, 2006, 292 p
4. Poliuretani. Aspecte privind reactivitatea izocianatilor cu compusi hidroxicilici	S. Coseri	Ed. Fides, Iasi, 2006, 123 p
5. Contributii in domeniul polimerilor cu stabilitate termica si fotooxidativa. Aplicatii	E. Scortanu, C. Prisacariu, A. Caraculacu	Ed. Fides, Iasi, 2006, 185 p

6. Biopoliuretani	C. Ciobanu, V. Tura, D. O. Dorohoi, L. C. Ciobanu	Ed. Performantica, Iasi, 2006, 152 p
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8. Caracterizarea suprafetei materialelor textile tratate fizico-chimic	A. Muresan, R. Muresan, E. G. Ioanid, A. Ioanid	Ed. Performantica, Iasi, 2006, 200 p
9. Materiale compozite sustenabile pentru imbunatatirea calitatii vietii	C. Ciobanu, C. Koncsag, Editori	Ed. PIM, Iasi, 2006, 285 p
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12. Chimia compusilor silico-organici II. Polisiloxanimide	M. Simionescu	Ed. Tehnopress, Iasi, 2006, 126p
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18. Polysaccharide-drug conjugates as controlled drug delivery systems	M. Nichifor, G. Mocanu	ACS Symp. Series, 934 (Polysaccharides for Drug Delivery and Pharmaceutical Applications), 289-303
19. New poly(azomethine-ether-sulfone)s. Modification by random copolymerization	D. Pavel, L. Marin, V. Cozan, M. Craus	Advanced Research in Polymer Science, F. Awaja, Ed., Transworld Research Network, Trivandrum, India, 51-64
20. Radiation processing of polyolefin-containing blends. IV Polyethylene/polystyrene blends containing compatibiliser	C. Vasile, B. S. Munteanu, M. C. Pascu, A. Stoleriu, M. Brebu, L. Nita, A. Tomescu, A. Cojocariu, E. Nemes, T. Zaharescu	Focus on Natural and Synthetic Polymer Science, C. Vasile, G. E. Zaikov, Eds., Nova Science Publ., New York, 1-30
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22. Polysilanes - metal complexes for organic semiconductors	L. Sacarescu, R. Ardeleanu, G. Sacarescu, M. Simionescu	Frontiers in Organometallic Chemistry, M. A. Cato, Ed., Nova Science Publ., New York, 67-88
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26. Macromolecular and supramolecular architectures based on cellulose and cyclodextrins	V. Harabagiu, M. Pinteala, N. Marangoci, A. Fifere, B. C. Simionescu, H. Firgo, E. Mulleder, O. Bedue	New Trends in Natural and Synthetic Polymer Science, C. Vasile, G. E. Zaikov, Eds., Nova Science Publ., New York, 55-67
27. On the compatibility of the hydroxypropylcellulose/epoxy modified lignin blends	I. E. Raschip, R. P. Dumitriu, V. C. Grigoras, G. Cazacu, C. Vasile	New Trends in Natural and Synthetic Polymer Science, C. Vasile, G. E. Zaikov, Eds., Nova Science Publ., New York, 69-90
28. New developments in the synthesis of crosslinked (co)polymers as bead particles	E. S. Dragan, C. D. Vlad	New Trends in Nonionic (Co)Polymers and Hybrids, E. S. Dragan, Ed., Nova Science Publ., New York, 121-166
29. New applications of living/controlled polymerization methods for synthesis of copolymers with designed architectures and properties	I. Cianga, L. Cianga, Y. Yagci	New Trends in Nonionic (Co)Polymers and Hybrids, E. S. Dragan, Ed., Nova Science Publ., New York, 1-52
30. Recent developments in siloxane-based polymers and copolymers	M. Cazacu, C. Racles	New Trends in Nonionic (Co)Polymers and Hybrids, E. S. Dragan, Ed., Nova Science Publ., New York, 167-213
31. Polyrotaxanes with cyclodextrins	A. Farcas, N. Marangoci, A. Fifere, M. Pinteala, V. Harabagiu, B. C. Simionescu	New Trends in Nonionic (Co)Polymers and Hybrids, E. S. Dragan, Ed., Nova Science Publ., New York, 53-77
32. The dynamics of polymer chains in solution	M. Bercea, D. Rusu	New Trends in Nonionic (Co)Polymers and Hybrids, E. S. Dragan, Ed., Nova Science Publ., New York, 79-119
33. Sinteza sarii de 2-aminopiridina a acidului α (o-clorfenoxi)- α (1,2,4-triazol-1-il)acetic si studiu de optimizare a procesului de crestere a bacteriilor in vederea testarii potentialului biologic activ	C. Oniscu, C. Bibire, R. Diaconescu, D. Ivanov	Conservarea si Restaurarea Patrimoniului Cultural, Ed. Trinitas, Iasi, vol. IV, 76-85
34. Rasini epoxidice, matrici polimere performante pentru materiale compozite	D. Rosu, L. Rosu	Materiale compozite sustenabile pentru imbunatatirea calitatii vietii, C. Ciobanu, C. Koncsag, Editori, Ed. PIM, Iasi, 146-177
35. Compozite multifunctionale pe baza de rasini epoxi	L. Rosu, D. Rosu	Materiale compozite sustenabile pentru imbunatatirea calitatii vietii, C. Ciobanu, C. Koncsag, Editori, Ed. PIM, Iasi, 178-195
36. Poliuretani. Sinteza, corelatii structura - proprietati, compozite, nanocompozite	C. Ciobanu	Materiale compozite sustenabile pentru imbunatatirea calitatii vietii, C. Ciobanu, C. Koncsag, Editori, Ed. PIM, Iasi, 18-51
37. Materiale polimerice pe baza de alcool polivinilic	O. M. Paduraru, C. N. Cascaval	Materiale compozite sustenabile pentru imbunatatirea calitatii vietii, C. Ciobanu, C. Koncsag, Editori, Ed. PIM, Iasi, 196-222
38. Nanocompozite polimerice	C. N. Cascaval, O. M.	Materiale compozite sustenabile pentru

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39. Caracterizarea termica a nanocompozitelor polimerice	V. C. Grigoras	Materiale compozite sustenabile pentru imbunatatirea calitatii vietii, C. Ciobanu, C. Koncsag, Editori, Ed. PIM, Iasi, 246-282
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41. Caracteristici si domenii de aplicabilitate ale alginatilor	C. Duncianu, C. Vasile	Polimeri degradabili si biocompatibili, C. Vasile, A. P. Chiriac, L. E. Nita, Editori, Ed. Tehnopress, Iasi, 220-237
42. Lignina	G. Cazacu	Polimeri degradabili si biocompatibili, C. Vasile, A. P. Chiriac, L. E. Nita, Editori, Ed. Tehnopress, Iasi, 332-343
43. Sinteza si caracterizarea de poliesteramide si (nano)compozite cu proprietati (bio)degradabile	G. Rusu, E. Rusu	Polimeri degradabili si biocompatibili, C. Vasile, A. P. Chiriac, L. E. Nita, Editori, Ed. Tehnopress, Iasi, 441-458
44. Biocompatibilitatea polimerilor	M. Lungu, C. Vasile	Polimeri degradabili si biocompatibili, C. Vasile, A. P. Chiriac, L. E. Nita, Editori, Ed. Tehnopress, Iasi, 95-124
45. Modificarea suprafetelor unor polimeri in scopul cresterii biocompatibilitatii	M. Lungu, C. Vasile	Polimeri degradabili si biocompatibili, C. Vasile, A. P. Chiriac, L. E. Nita, Editori, Ed. Tehnopress, Iasi, 125-150
46. Polimeri naturali si sintetici potentiali degradabili si biocompatibili	C. M. Popescu, C. Vasile	Polimeri degradabili si biocompatibili, C. Vasile, A. P. Chiriac, L. E. Nita, Editori, Ed. Tehnopress, Iasi, 1-45
47. Celuloza	G. Cazacu	Polimeri degradabili si biocompatibili, C. Vasile, A. P. Chiriac, L. E. Nita, Editori, Ed. Tehnopress, Iasi, 176-186
48. Acetoftalatul de celuloza	N. Olaru, L. Olaru	Polimeri degradabili si biocompatibili, C. Vasile, A. P. Chiriac, L. E. Nita, Editori, Ed. Tehnopress, Iasi, 187-198
49. Xantanul	I. E. Raschip, C. Vasile	Polimeri degradabili si biocompatibili, C. Vasile, A. P. Chiriac, L. E. Nita, Editori, Ed. Tehnopress, Iasi, 238-254
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51. Alte polizaharide	M. C. Popescu, C. Vasile	Polimeri degradabili si biocompatibili, C. Vasile, A. P. Chiriac, L. E. Nita, Editori, Ed. Tehnopress, Iasi, 285-312
52. Obtinere, caracteristici si domenii de aplicabilitate ale acidului poli(aspartic)	L. E. Nita, I. Neamtu, A. P. Chiriac	Polimeri degradabili si biocompatibili, C. Vasile, A. P. Chiriac, L. E. Nita, Editori, Ed. Tehnopress, Iasi, 344-380
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54. Polimeri cu nuclee hidrofenantrenice in structura provenind din resurse naturale regenerabile. Caracteristici si domenii de aplicabilitate	I. Bicu, F. Mustata	Polimeri degradabili si biocompatibili, C. Vasile, A. P. Chiriac, L. E. Nita, Editori, Ed. Tehnopress, Iasi, 424-440

55. Poliesteri nesaturati ce contin duble legaturi pe lantul macromolecular sau la capete. Realizarea de retele polimerice pe baza de poliesteri nesaturati si lignina modificata (lignosulfonat de amoniu)	D. Rosu, C. Cascaval, L. Rosu	Polimeri degradabili si biocompatibili, C. Vasile, A. P. Chiriac, L. E. Nita, Editori, Ed. Tehnopress, Iasi, 459-475
56. Bazele teoretice privind stabilirea limitelor de compatibilitate	C. M. Popescu, C. Vasile	Polimeri degradabili si biocompatibili, C. Vasile, A. P. Chiriac, L. E. Nita, Editori, Ed. Tehnopress, Iasi, 46-58
57. Pseudo-rotaxani si rotaxani	A. Farcas, T. Rusu	Polimeri degradabili si biocompatibili, C. Vasile, A. P. Chiriac, L. E. Nita, Editori, Ed. Tehnopress, Iasi, 476-489
58. Metode de investigare a biodegradabilitatii polimerilor	I. Spiridon, C. A. Teaca, R. Bodirlau, D. Cotzur	Polimeri degradabili si biocompatibili, C. Vasile, A. P. Chiriac, L. E. Nita, Editori, Ed. Tehnopress, Iasi, 59-94
59. Conservarea unor obiecte de patrimoniu prin tratamente in plasma de inalta frecventa	D. Parpauta, G. Ioanid	Produse si tehnologii pentru conservarea patrimoniului cultural si istoric, N. Luta, I. Sandu, O. Petreus, Editori, Ed. Performantica, Iasi, 115-128
60. Implicarea lemnului la punerea in opera a bunurilor de patrimoniu cultural. Tipologie si cazuistici	I. Sandu, O. Petreus, I. G. Sandu, V. Vasilache, A. V. Sandu	Produse si tehnologii pentru conservarea patrimoniului cultural si istoric, N. Luta, I. Sandu, O. Petreus, Editori, Ed. Performantica, Iasi, 237-256
61. Evidentierea si monitorizarea interventiilor de conservare a lemnului prin sisteme peliculogene	I. Sandu, V. Vasilache, I. G. Sandu, O. Petreus, T. Bubulac	Produse si tehnologii pentru conservarea patrimoniului cultural si istoric, N. Luta, I. Sandu, O. Petreus, Editori, Ed. Performantica, Iasi, 257-274
62. Procedee moderne de conservare a lemnului vechi pus in opera. Principii active si sisteme matriciale	O. Petreus, I. Sandu, N. Luta, C. Hamciuc, V. Vasilache	Produse si tehnologii pentru conservarea patrimoniului cultural si istoric, N. Luta, I. Sandu, O. Petreus, Editori, Ed. Performantica, Iasi, 47-74
63. Investigatii asupra stadiului de degradare/conservare a operelor de arta din lemn	C. M. Popescu, C. Vasile, M. C. Popescu, Y. Sakata	Produse si tehnologii pentru conservarea patrimoniului cultural si istoric, N. Luta, I. Sandu, O. Petreus, Editori, Ed. Performantica, Iasi, 89-104
64. Noi directii de valorificare a deseurilor din agricultura: materiale compozite pe baza de agrofibre	M. Zanoaga, F. Tanasa	Promovarea in Romania a surselor regenerabile de energie, CHIMINFORMDATA, Bucuresti, 195-213
65. Agroplastics lifetime estimation for outdoors applications	F. Tanasa	Promovarea in Romania a surselor regenerabile de energie, CHIMINFORMDATA, Bucuresti, 214-219
66. Siloxane-based polyamides containing ferrocene units used in NOx detection	G. Telipan, M. Ignat, M. Cazacu, A. Vlad, C. Racles	Series in Micro and Nanoengineering, 9(Convergence of Micro-Nano-Biotechnologies), M. Zaharescu, E. Burzo, L. Dumitru, I. Kleps, D. Dascalu, Eds., Ed. Acad. Rom., Bucuresti, 103-109
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68. Neural networks based prediction and optimization	S. Curteanu, M. Cazacu	Lecture Series on Computational and Computational Sciences, 7A (Recent

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29. 2D IR correlation spectroscopy in polymer studies	M. C. Popescu, C. Vasile, G. Singurel	Polymer Yearbook, 22 (Polymers and Composites. Synthesis, Properties and Applications), R. A. Pethrick, G. E. Zaikov, D. Horak, Eds., Nova Science Publ., New York, 71-111
30. Fluorescent polymers-markers for biomedical applications	G. Caraene, M. Albulescu, R. Albulescu, M. Moscovici, T. Buruiana, A. Albulescu, L. Bud	Progress in Nanoscience and Nanotechnologies, I. Kleps, A. C. Ion, D. Dascalu, Eds., Ed. Acad. Rom., Bucuresti, 11, 202-207
31. Polysilanes. Toward a new generation of materials for biosensors	L. Sacarescu, M. Simionescu, G. Sacarescu, R. Ardeleanu, S. Petrescu, L. Zdrentu	Progress in Nanoscience and Nanotechnologies, I. Kleps, A. C. Ion, D. Dascalu, Eds., Ed. Acad. Rom., Bucuresti, 11, 222-230
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38. Comportarea termica a materialelor polimerice suport tratate in plasma rece	M. I. Totolin, A. Stoleriu	Plasma rece in tratamentul materialelor. De la fundamental la aplicatii, M. I. Totolin, I. Neamtu, G. E. Ioanid, Editori, Ed. Performantica, Iasi, 2007, 192-204
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40. Investigarea prin difractie de raze X a unor biopolimeri ca suport pentru obiecte de patrimoniu	D. Filip, D. Macocinschi	Plasma rece in tratamentul materialelor. De la fundamental la aplicatii, M. I. Totolin, I. Neamtu, G. E. Ioanid, Editori, Ed. Performantica, Iasi, 2007, 208-218
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46. Determinarea tensiunii superficiale a suprafetelor prin masurarea unghiului de contact	S. Ioan, M. Lupu, A. Filimon, A. I. Cosutchi	Plasma rece in tratamentul materialelor. De la fundamental la aplicatii, M. I. Totolin, I. Neamtu, G. E. Ioanid, Editori, Ed. Performantica, Iasi, 2007, 351-392
47. Actiunea plasmiei reci asupra suprafetelor polimerice	M. I. Totolin, I. Neamtu, L. E. Nita	Plasma rece in tratamentul materialelor. De la fundamental la aplicatii, M. I. Totolin, I. Neamtu, G. E. Ioanid, Editori, Ed. Performantica, Iasi, 2007, 4-21
48. Corozionul obiectelor metalice arheologice si curatirea lor	E. Avram	Plasma rece in tratamentul materialelor. De la fundamental la aplicatii, M. I. Totolin, I. Neamtu, G. E. Ioanid, Editori, Ed. Performantica, Iasi, 2007, 69-82
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Numar carti/cap. carti/2007: 50

Total punctaj carti/cap. carti/2007: 250

**Numar total carti si capitole in
carti/2003-2007: 165**

**Total punctaj carti si capitole
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Numar total lucrari/2003-2007: 517

Lucrari publicate in reviste fara cotate ISI: 352

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117	Light scattering data of poly(ester-urethanes) in dilute solutions S. Ioan, I. E. Cojocaru, D. Macocinschi, D. Filip
118	Liquid crystals. Preservation of the order during curing A. Mititelu, C. N. Cascaval
119	Aromatic polyamide-esters containing benzonitrile units I. Sava, M. Bruma
120	Poly(ether-urethane-urea)s for biomedical applications S. Vlad
121	A comparative study regarding poly(styrene) obtainment in a high magnetic field A. P. Chiriac
122	Polyurethanes based on different macroglycols. Synthesis and characterization S. Vlad
13th International Symposium on Cellulose Chemistry and Technology, Sept. 3-4, 2003, Iasi	
123	Synthesis of new cellulose esters with adamantoyl groups D. Ciolacu, H. Ritter, V. I. Popa
124	Interaction of lignin with cresol on the level of tilled soil M. Dumitru, V. I. Popa, M. Totolin
125	Modification of lignocellulosic materials by epoxydation and esterification reactions G. Constantinescu, V. I. Popa, G. Cazacu, N. Anghel
126	Maleic anhydride graft copolymers/lignosulfonate blends M. C. Pascu, M. Maries, C. Cazacu, L. Profire, A. I. Kowarski, C. Vasile
127	Chemical modification of lignin G. Cazacu, C. Vasile
13th Romanian International Conference on Chemistry and Chemical Engineering, RICCE 13, Sept. 16-20, 2003, Bucharest	
128	Influence of hard segment composition on the optical properties of segmented poly(ester-urethane)s D. Macocinschi, M. Lupu, S. Ioan
129	Considerations on sodium maleate copolymers use for leather industry B. Gaidau, G. C. Chitanu, V. Bratulescu, A. Carpov, A. G. Anghelescu
130	Aromatic poly(1,3,4-oxadiazole-amide)s with pendent acetoxybenzamide or imide groups I. Sava, C. Hamciuc
11th Conference of Physical Chemistry, Sept. 3-5, 2003, Timisoara	
131	Kinetics of cellulose carboxymethylation in benzene-containing media N. Olaru, L. Olaru
132	MO study of cation – radical polymerization of Schiff bases N. Olaru
133	Polystyrene, polysulfone and their chloromethylated derivatives compatibility in solid phase N. Aelenei, G. Lisa, M. Irimia, G. Paduraru, E. Avram, N. Hurduc

134	Characterization of some polycation/anionic dye complexes S. Dragan, M. Mihai
135	Interpolyelectrolyte complexes as colloidal dispersions S. Dragan
136	Polyelectrolyte solutions. Electrolytic conductivity and activity L. Ghimici, S. Dragan
137	Composite membranes prepared by layer-by-layer self-assembly technique M. Mihai, L. Ghimici, S. Dragan
138	Study on some polyelectrolytes behavior in sulphuric acid medium S. Patachia, R. Tica, L. Dumitrescu, C. Luca

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2004

Modern Trends in Organoelement and Polymer Chemistry, International Conference dedicated to 50th Anniversary of A. N. Nesmeyanov Institute of Organoelement Compounds (INEOS), May 30-June 4, 2004, Moscow, Russia	
1.	Heterocyclic polymers containing phenylquinoxaline rings M. Bruma, N. Belomoina
2.	Heterocyclic polyamides with pendant benzamide groups I. Sava, N. Belomoina, M. Bruma
40th International Symposium on Macromolecules, MACRO 2004, July 4-9, 2004, Paris, France	
3.	Modified polyimides for high-performance membranes M. Bruma, E. Hamciuc, I. Sava, J. Robison, A. Y. Alentiev
4.	Thin films based on aromatic polyamides with pendant benzamide groups I. Sava, M. Bruma
5.	Well – defined polymers based on 2-acrylamido-2-methyl-1-propanesulfonic acid obtained by ATRP A. G. Anghelescu-Dogaru, H. Tenhu
6.	Polyelectrolyte multilayers deposition with maleic anhydride copolymer derivatives G. Aldea, J. M. Nunzi, G. C. Chitanu, J. Cousseau, B. C. Simionescu
7.	Polymeric conjugates of menthol with maleic anhydride copolymers for dentistry I. Popescu, G. C. Chitanu, M. I. Popa
8.	Functional friendly applications G. C. Chitanu, A. Carpov
9.	Functionalization – morphology correlations in the synthesis of some macroporous strong basic anion exchangers E. S. Dragan, E. Avram
10.	Controlling the particle sizes of polyelectrolyte complex nanoparticles based on Na

	PAMPS E. S. Dragan, S. Schwarz
11.	Maleic-copolymer polyelectrolytes for leather ecological processing C. Gaidau, G. C. Chitanu, V. Bratulescu, L. Miu
12.	Segmented polyurethanes in solution S. Ioan, M. Lupu, D. Macocinschi
13.	Associative carboxymethyl pullulan derivatives containing siloxanic units D. LeCerf, G. Mocanu, D. Mihai, L. Picton, G. Muller
14.	Influence of soft and hard segments on the properties of polyurethanes M. Lupu, S. Ioan, D. Macocinschi
15.	Soft – aggregation of amphiphilic polyelectrolytes based on polysaccharides M. Nichifor, S. Lopez, M. Bastos, A. Lopez
16.	Interaction of amphiphilic polyelectrolytes with sodium alkyl sulfates in dilute aqueous solutions M. Nichifor, S. Lopez, M. Bastos, A. Lopez
17.	Electrical conductivity of some polymers with quaternary ammonium salts in the chain. Effects of charge density and concentration L. Ghimici, M. Nichifor, E. S. Dragan
Second Humboldt Conference on Computational Chemistry, 1-5 Sept. 2004, Nessebar, Bulgaria	
18.	Computational study of maleamic acid cyclodehydration M. Constantinescu, D. Ivanov
19.	Multiobjective Tabu search method used in chemistry T. Rusu, V. Bulacovschi
Global Symposium on Recycling, Waste Treatment and Clean Technology, REWAS'04, Sept. 26-29, 2004, Madrid, Spain	
20.	Some solutions to recover synthetic and natural polymer waste C. Vasile, M. C. Dascalu
21.	On the compatibility of the IPP/PA6/EPDM blends with and without functionalized IPP III. Phase separation behaviour R. N. Darie, C. Vasile, A. Stanciu, M. Kozlowski
22.	Chemical modification of LDPE by using polar monomers R. N. Darie, C. Vasile, H. Darie
4th European Workshop on Secondary Ion Mass Spectroscopy, SIMS Europe 2004, Sept. 26-29, 2004, Muenster, Germany	
23.	Comparison of polyatomic with monoatomic primary ions in S-SIMS for polyesters P. Van Royen, A. Taranu, L. Van Vaeck
12th Annual POLYCHAR World Forum on Advanced Materials, POLYCHAR-12, Jan. 6-9, 2004, University of Minho, Guimaraes, Portugal	
24.	New mechanisms of photocrosslinking reactions induced by benzophenone in diene polymers M. Avadanei, V. Barboiu, G. E. Grigoriu
25.	Use of polyatomic primary ions for the study of polyesters by static secondary ion mass spectrometry A. Taranu, L. Van Vaeck
20th International Liquid Crystal Conference (ILCC 2004), July 4-9, 2004, Ljubljana, Slovenia	

26.	Infrared spectral study of a PAMAM liquid crystalline codendrimer D. Filip, C. Cruz, A. Ribeiro, M. C. Popescu, G. Singurel, J. M. Rueff, M. Marcos, J. L. Serrano
5th International Balkan Workshop on Applied Physics, July 5-7, 2004, Constanta, Romania	
27.	Microscopical study of poly(ethylene-adipate)/cholesteryl palmitate blends M. C. Popescu, C. Vasile, G. Singurel
28.	Study of the process of the water desorption from lignins C. M. Popescu, C. Vasile, G. Cazacu, G. Singurel
29.	Computational challenges in condensed matter applications T. Rusu, O. M. Gogan
30.	Applications of atomic absorption spectrometry to the study of the vegetative processes of the plants grown in special conditions I. Mindreci, C. Vasile, M. Pascu, G. Cazacu
31.	The study of polyurethane conformations by means of fluorescence spectra M. Strat, V. Pohoata, T. Buruiana, E. Buruiana, G. Strat, G. Singurel
32.	Spectral and thermogravimetric analyses of degradation and stability of some poly(carboxybetaine)s polymers M. Strat, I. Grecu, G. Strat, S. Gurlui, C. Luca, S. Vasiliu
33.	The compatibilisation of the blends containing PVC and leather waste E. Nemes, C. Vasile, B. S. Munteanu
34.	Hematoxylin plasma treatment A. P. Chiriac, L. E. Nita, I. Neamtu, G. E. Ioanid, C. M. Popescu
35.	Plasma reactors for materials chemical processing G. E. Ioanid
36.	Possibilities of vinylic polymers obtainment in CLD plasma L. E. Nita, A. P. Chiriac, I. Neamtu, G. E. Ioanid, C. M. Popescu
37.	Polymer – coated ferrite nanocomposites synthesized by plasma polymerization I. Neamtu, L. E. Nita, A. P. Chiriac, G. E. Ioanid, C. M. Popescu
38.	Plasma – modified wood as fillers in polymeric materials N. Olaru, L. Olaru, G. Cobileac
The 11th International Conference of Polymers and Organic Chemistry, July 18-23, 2004, Prague	
39.	Mechanical response of dibenzyl based polyurethanes with diol chain extension C. Prisacariu, C. P. Buckley, G. E. Hitruc, A. Caraculacu
40.	Undertaking polyurethanes mechanical behaviour as revealed by compression measurements under extreme destructive conditions C. Prisacariu, G. E. Hitruc, A. A. Caraculacu
41.	Novel dibenzyl based polyurethane films for environmental protection: characterization, life time extension and ageing C. Prisacariu, G. E. Hitruc, A. Caraculacu
42.	The influence of isocyanic group excess on the rate of polyurethane postcuring C. Prisacariu, G. E. Hitruc, A. Caraculacu
43.	Stiffness and creep temperature dependence in novel polyurethanes with dibenzyl structures C. Prisacariu, G. E. Hitruc, A. Caraculacu
11th International Conference on Polymeric Materials 2004, Sept. 29 – Oct. 1, 2004,	

Halle/Saale, Germany	
44.	Controlling the interpolyelectrolyte complex formation as a function of the polyion structure E. S. Dragan, M. Cristea
45.	Reactive hybrid materials M. Mihai, F. Bucatariu, E. S. Dragan
46.	Photochemical behaviour of a new poly(amide-imide) containing azobenzene and cinnamoyl photoactive groups B. Sapich, J. Wagner, J. Stumpe, E. Hamciuc, T. Kopnick
European Materials Research Society, Fall Meeting, E-MRS 2004, Sept 6 – 10, 2004, Varsovia, Polonia	
47.	Study of the codeine release from methyl methacrylate based polymeric matrix L. E. Nita, M. C. Popescu, A. P. Chiriac, C. Vasile
48.	Maleic anhydride copolymers as multifunctional materials for advanced applications G. C. Chitanu, G. Aldea, J. M. Munzi, A. G. Anghelescu-Dogaru, I. Popescu, D. M. Suflet, A. Carpov, H. Tenhu
Polyelectrolytes 2004, June 14-18, 2004, Amherst, USA	
49.	Polyelectrolyte complexes between cationic polysaccharides and maleic acid copolymers I. Popescu, G. C. Chitanu, M. I. Popa
50.	The effect of maleic acid copolymers on the phase separation of mineral phosphates G. C. Chitanu, I. Popescu, R. M. Piticescu, R. R. Piticescu, M. Popescu, D. M. Suflet
51.	Layer-by-layer deposition using maleic acid copolymers or their derivatives G. Aldea, G. C. Chitanu, J. M. Nunzi, S. Dabos-Seignon, B. C. Simionescu
52.	Polyelectrolytes with phosphoric acid groups based on natural polymers D. M. Suflet, G. C. Chitanu, V. I. Popa
2004 American Association of Pharmaceutical Scientists Annual Meeting and Exposition, Nov. 7-11, 2004, Baltimore, USA	
53.	Improving cyclosporine A permeability across caco-2 cell monolayers by using vitamin B12-targeted polymeric micelles M. F. Francis, M. Cristea, F. Winnik
6th IPF Colloquim, Advanced Heterogeneous Polymer Materials, Nov. 18-19, 2004, Dresden, Germany	
54.	Adsorption of poly(vinyl formamide-co-vinyl amine) onto silica particle surfaces and functionalization of the formed hybrid material with S-benzyl-L-cysteine F. Bucatariu, F. Simon, S. Spange, C. Bellmann, S. Dragan
11th Meeting of the Pulp and Paper Industry of the Southeast European Countries, 6-8 Oct. 2004, Opatija, Croatia	
55.	DSC study of cellulose allomorphs D. Ciolacu, V. I. Popa
56.	Role of the supramolecular structure of cellulose in enzymatic hydrolysis D. Ciolacu, V. I. Popa
2nd International Aegean Physical Chemistry Days, 7-10 Oct. 2004, Ayvalik, Balikesir, Turkey	
57.	Macromolecular architecture based on polyphenylenes: synthesis, characterization and high-tech applications Y. Yagci, S. Yurteri, I. Cianga, L. Demirel
58.	The use of N,N-dimethylaniline and functional polymers in photoinduced block

	copolymerization A. E. Muftuoglu, I. Cianga, S. Yurteri, Y. Yagci
59.	Immobilization of invertase and glucose oxidase in conductive copolymers of poly(vinyl alcohol) with thiophene side groups/polypyrrole E. Sahmetlioglu, H. Yuruk, L. Topare, I. Cianga, Y. Yagci
The first Workshop “Structuring of Polymers”, 27-30 Oct. 2004, Naples, Italy	
60.	Phase behaviour and crystallization of polymeric blends containing liquid crystalline components C. Vasile, M. C. Popescu, G. Singurel
Le troisieme Colloque Franco-Roumain de Chimie Appliquee, CoFrRoCA-2004, 22-26 Sept., 2004, Slanic Moldova, Bacau	
62.	Etude des comportement a l'irradiation UV du biphenylazide et d'amine correspondante en solution A. Airinei, E. Rusu, V. Barboiu, D. Timpu
63.	Synthese des derives cinnamiques par la reaction de Heck M. Onciu, E. Rusu
64.	Polyamides renfermant dans les chaines laterales des groupements photoactifs de type cinnamique M. Onciu, E. Rusu
65.	Etude de structure photoinduite dans des polymeres photosensibles contenant des groupes de type cinnamique E. Rusu, M. Onciu
66.	Preparation et proprietes des copolyesteramides: Copolymeres anioniques d' ϵ -caprolactame avec ϵ -caprolactone E. Rusu, G. Rusu
67.	Recuperation and mise en valeur des dechets des polymeres. Obtention et etude des proprietes des melanges polyethylene use - copolyamide M. Zanoaga, Y. Mamunya, V. Mishak, F. Tanase, E. Lebedev
68.	Etude de la morphologie et des proprietes mecaniques des melanges IPP/coPA en utilisant des agents de compatibilisation M. Zanoaga, R. Darie, N. Tudorachi, A. Ioanid, M. Kozlowski
69.	Nouveaux produits pour la fixation de cheveux. Preparation et caracterisation par microscopie optique et electronique C. Mihailescu, M. Harabagiu, A. Ioanid, G. Ioanid, B. C. Simionescu
70.	Etude de la liberation de codeine a partir de matrices polymeres a base de styrene et 2,3-epoxy propylmethacrylate L. E. Nita, A. P. Chiriac, E. Avram
71.	Influence de la masse moleculaire du chitosane et de l'addition d'electrolytes de faible masse molaire sur la formation au complexe chitosane-carboxymethyl-cellulose C. Rosca, M. I. Popa, G. Lisa, G. C. Chitanu
72.	Copolymeres biodegradables alcool-polyvinylique-acide lactique avec des potentielles applications biomedicales N. Tudorachi, R. Lipsa, A. P. Chiriac
73.	Compatibilisation des melanges LDPE/HC M. Dascalu, M. Pascu, S. Cimmino, C. Vasile
74.	Effect d'un sel biquaternaire de 4,4'-bipyridinium sur la biostructure des plantes M. Irimia, S. Oancea, A. Airinei, N. Aelenei

75.	Etude de physique et chimique du phosphogypse resultant du procede de fabrication de l'acide phosphorique N. Foca, S. Oancea, D. Mareci, A. Airinei
76.	Synthese des copolymeres d'anhydride maleique aux proprietes preetablies G. C. Chitanu, I. Popescu, D. M. Suflet, A. Carpov
77.	Contribution a l'application du chauffage dielectrique dans la synthese des polymeres I. Neamtu, A. P. Chiriac, E. G. Ioanid
78.	Sur les possibilites de modification chimique de la terebenthine C. Ciobanu, D. Rosu, C. N. Cascaval, L. Rosu
79.	Nouvelle polyazomethine aromatique avec une architecture de rotaxane I. M. Dorin, A. Farcas
80.	Mecanisme de la synthese de polyrotaxanes base de α - et β -cyclodextrine et de phenanthroline – polyether A. Farcas, I. M. Dorin
81.	Influence de la structure des polysulfones sur leurs proprietes en solution A. Filimon-Capata, S. Ioan, E. Avram
82.	Quelques aspects sur la copolymerisation alternee de maleimides N-substitues avec la N-vinylpyrrolidone et le styrene C. Hulubei, S. Morariu
83.	Methode pour l'evaluation de la morphologie des hydrogels par microscopie electronique a transmission A. Ioanid, C. Mihailescu, E. G. Ioanid, A. Dumitrescu
84.	Reseaux polymeres a base de resines epoxydes D. Rosu, L. Rosu, C. N. Cascaval, C. Ciobanu
85.	Derives des acides cinnamiques par la synthese directe. Polyesters aromatiques obtenus par l'activation in situ F. Tanasa, M. Zanoaga, C. I. Chiriac
86.	Influence de la temperature sur les interactions polymere-solvant M. Bercea, S. Morariu
87.	Cinetique de l'echange ionique dans les systemes: anionites basiques forts et faibles - solutions aqueuses de K_2CrO_4 I. Untea, C. Orbeci, E. Tudorache, V. Neagu
88.	Polymeres multifonctionnels a base de copolymeres d'anhydride maleique pour nanotechnologies G. C. Chitanu, G. Aldea, A. G. Anghelescu-Dogaru, I. Popescu, D. M. Suflet, A. Carpov

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2005

Bilateral Symposium on Heterocyclic and Heterochain Polymers for High Performance Applications, June 6 - 12, 2005, Iasi, Romania	
1.	Easy processable heterocyclic polymers for high performance applications M. Bruma
2.	New monomers containing azo groups for polymers with special optical properties

	I. Sava
3.	Heterocyclic polymers with photoluminescent properties E. Hamciuc
4.	Thin films of azo-conjugated polymers: obtaining by vapor deposition polymerization of aromatic diazides, and functional properties V. Barboiu, D. Timpu, E. Rusu, A. Airinei
5.	Maleic copolymers bearing heterocycles and their applications G.C. Chitanu
6.	Polyarylenes, polyarylene-vinylenes and polyarylene-imines with long side chains I. Cianga, M. Grigoras
7.	Influence of conformational parameters on physical properties of aromatic polymers containing bulky pendent groups C. Hamciuc
8.	A new generation of silicon-based polymers for electronics M. Cazacu, L. Sacarescu, V. Harabagiu
9.	Thermotropic liquid crystalline compounds with azomethine mesogens V. Cozan
10.	Thermostable polymers based on monomers containing maleimide rings C. Hulubei
11.	Thermotropic liquid crystals from amphiphilic mesogens E. Buruiana, T. Buruiana, V. Melinte
12.	Polyarylates possessing bulky phosphorous groups. Synthesis and characterization O. Petreus, C. Hamciuc, T. Vlad-Bubulac
13.	Heterocyclic copolymers with parabanic structures E. Scortanu, A. Caraculacu
14.	Modern trends in the synthesis of alternating co-polymaleimides L. Cianga
15.	Compared properties of fluorene- or thiophene-based materials for the manufacture of field-effect transistors D. Damaceanu, M. Bruma
16.	New flame retardant polymers with enhanced content of phosphorous T. Vlad-Bubulac, O. Petreus
17.	Chlorine terminated azomethine compounds with liquid crystalline behavior L. Marin, V. Cozan
18.	Poly(ether-imide)s containing phenylquinoxaline rings for high performance gas separation membranes R. Lungu, E. Hamciuc, M. Bruma
19.	New maleimide monomers containing azo groups D. Buiceac, C. Hulubei

20.	Study of fluorinated poly(imide-ether-amide)s and of thin films made therefrom T. Köpnick, B. Schulz, M. Bruma
21.	Poly(ϵ -caprolactome)-based macromonomers with thiophene and naphthalene moieties and their polymers V. M. Mercore, I. Cianga, M. Grigoras
22.	Study of thin films made from poy(phenylquinoxaline-amide)s with silicon in the main chain T. Köpnick, B. Schulz, M. Bruma
23.	Synthesis of arylene-vinylene and arylene-imine oligomers by electrochemical method N. C. Antonoaia, D. G. Conduruta, M. Ivanoiu, M. Grigoras
24.	Triazeno-polyacrylates for laser / UV ablation. Synthesis, structure and properties E. C. Buruiana, L. Hahui, T. Buruiana
25.	Semiconducting materials based on metal complexes with siloxane macromolecular ligands V. Epure, D. Enescu, M. Pinteala, V. Hamciuc, L. Pricop, G. Rusu, V. Harabagiu, P. Prepelita
26.	New silicon containing heterocyclic polyimides E. Hamciuc, B. Schulz, T. Köpnick, Y. Kaminorz, M. Bruma
27.	Polymers containing 1, 4-dithiine-2,3,5,6-tetrayl-diimide structure C. Gaina, V. Gaina, M. Sava
28.	New polyurethane-ureas containing oxadiazole rings. Study of their mechanical properties E. Scortanu, C. Prisacariu, A. Caraculacu, M. Bruma
First Summer School on Green Chemistry of Polymers, EUROGREENPOL, 21 – 27 August 2005, Iasi, Romania	
29.	Polymer Waste Degradation and Recovery C. Vasile
30.	Water Soluble Polymers for Environmentally Benign Applications G.C. Chitanu
31.	Polyelectrolyte complexes between chitosan and maleic acid copolymers I Popescu, G.C. Chitanu
32.	Removal of toxic products from pyrolysis oil of abs and abs-containing polymer mixtures M. Brebu, B.S. Munteanu, C. Vasile
33.	New materials based on natural polymers: phosphorylated dextran D.M. Suflet, G.C. Chitanu
34.	Enzymatic hydrolysis – a green tool in cellulose activation D. Ciolacu, G. Cazacu
35.	New polymer electrolyte membranes with controlled structure for fuel cells and environment protection A.G. Anghelescu-Dogaru, M. Karesoja, M. Paronen, H. Tenhu
36.	The synthesis and characterization of the biomimetic composite hydroxyapatite – atelocollagen I.M. Pelin, S. Maier, V. Bulacovschi
37.	Duality mechanism in alkenes reaction with nitroxyl radicals S. Coseri, E.G. Hitruc
38.	Study of the effect of relative humidity on some properties of the xanthan I.E. Raschip, I. Farhat, J.R.. Mitchell, C. Vasile
7^{ème} Colloque Franco-Roumain sur les Polymeres Iasi, 2 – 6 Septembre 2005	
39.	Synthese et caracterisation de polyrotaxanes a base de cyclodextrines: influence de la

	nature des constituants N. Jarroux, M. Pinteala, A. Farcas, V. Harabagiu, L. Auvray, P. Guégan
40.	High performance polymers containing phenylquinoxaline and silicon in the main chain M. Bruma
41.	Aspects thermocinetiques de la reticulation des materiaux nanocomposites a matrice epoxyde A. Mititelu, N. Sbirrazzuoli, L. Vincent, S. G�ribaldi
42.	La fluorescence issue d'un poly��lectrolite cationique marqu� avec du naphtal�ne M. Cristea, S. Dragan
43.	Polyrotaxanes cyclodextrines persilyl��es/poly(oxyde d'�thyl�ne) N. Marangoci, A. Fifere, L. Pricop, M. Pinteala, V. Harabagiu, B. C. Simionescu
44.	Metal-containing polymers. Condensation polymers of ferrocene and siloxane derivatives M. Cazacu, A. Vlad, M. Marcu, C. Racles, A. Airinei
45.	Eco-friendly processes for the synthesis of some nanostructured materials E.S. Dragan, M. Mihai, F. Bucatariu
46.	Synth��se des copolym��res � blocs polysiloxanes modifi��s � disperse red-1 C. Peptu, B. C. Simionescu, J. M. Nunzi, V. Harabagiu
47.	Supramolecular chemistry: pseudorotaxanes and self-assembly of polymers A. Farcas
48.	Synth��se et caract��risation physico-chimique des nouveaux gels de polysaccharides G. Mocanu, D. Mihai, D. Le Cerf, L. Picton, G. Muller
49.	L'analyse par dsc de l'influence des interactions intermoleculaires sur les transitions termique en mixtures des polymeres V.C. Grigoras, V. Barboiu
50.	Polyesterimides contenant le phosphore dans la chaine laterale O. Petreus, T. Vlad-Bubulac, C. Hamciuc
51.	Synthetic polycarboxybetaines based on poly (4-vinylpyridine) and poly (1-vinylimidazole) C. Luca, V. Neagu, S. Vasiliu, V. Barboiu
52.	Hydrogels amphiphiles � base de polysaccharides M. Legros, V. Dulong, L. Picton, G. Mocanu, G. Muller, D. Lecerf
53.	Hydrogels � base de polysaccharides: erosion ph-d��pendante I. Colinet, G. Mocanu, G. Muller, D. Lecerf, L. Picton
54.	Polymeres tensioactifs polysiloxane – monosaccharide C. Racles, T. Hamaide
55.	Nouvelles tendances dans la synth��se et les propriet��s des polymeres polyurethaniques a base de 4, 4' dibenzyle diisocyanates (dbdi) C. Prisacariu, A. A. Caraculacu, E. Scortanu, E. G. Hitruc
56.	Interdependance entre reactivite et la structure supramoleculaire des formes 20. Polymorphes de la cellulose D. Ciolacu, V. I. Popa
57.	Cristaux liquides avec des architectures dendritiques S. Alazaroaie, B. Donnio, D. Guillon
58.	Utilisation des methodes metaheuristiques dans la chimie macromoleculaire T. Rusu, O. M. Gogan
59.	Solution properties of poly(amic acid) and polyimides A. Taranu, D. Macocinschi, C. Hulubei, S. Ioan
60.	Synthesis and characterization of some acrylic ion exchangers and their precursors

	I. Bunia, V. Neagu, M. Popa, C. Luca
61.	Étude thermodynamique concernant l'adsorption du phenol des solutions aqueuses sur copolymères styrene-divinylbenzene V. Neagu, I. Untea, E. Tudorache, C. Orbeci
62.	L' étude de l' interaction chimique des gels de polysaccharide réticules avec des unités siloxaniques avec des biomolécules D. Mihai, G. Mocanu, D. Le Cerf, L. Picton, G. Muller
63.	Synthese et caracterisation de nouveaux conjugues pullulane-poly (n-isopropylacryleamide-co-n,n-dimethyle acryle amide) M. Constantin, G. Fundueanu, G. Mocanu
64.	Systemes multicompartimentals pour le transport d'adn au colon G. Fundueanu, M Constantin, G. Mocanu
65.	Micellization of segmented polyurethanes. Light scattering data M. Lupu, S. Ioan, D. Macocinschi
66.	Excluded-volume effects on the gyration radii of polysulfone in dilute solution A. Filimon, S. Ioan, E. Avram
67.	Effets de la radiation ultraviolette sur poly(n-vinylimidazoles) et poly(4-vinylpyridines) M. I. Avadanei, V. Barboiu, C. Luca, G. E. Grigoriu
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83.	Advanced multi-functional polymeric materials for nano/bioapplications G. C. Chitanu
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93.	Gas-phase condensation of isobutylene with formaldehyde over various zeolites with framework of MWW-type typology E. Dumitriu, O. A. Rusu, C. Chelaru, V. Hulea
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94.	Liquid-phase tert-butylation in the presence of acid-catalysts obtained from MWW-type precursors E. Dumitriu, D. Meloni, C. Chelaru, R. Monacci, V. Solinas
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95.	Study on thermal and photochemical degradation of bisphenol A epoxy maleate L. Rosu, D. Rosu, C.N. Cascaval, C. Ciobanu
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104.	Studies on the biodegradation of the starch-based blends F. Crivoi, M. Pascu, C. Vasile
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107.	The compatibility of the blends epoxy modified lignin/hydroxypropylcellulose C. Vasile, I. E. Raschip, R. P. Dumitriu, G. Cazacu
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110.	The origin of toughness enhancement in polyamide 6 based nanocomposites C. N. Duncianu
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113.	¹ H NMR relaxation study of molecular dynamics in the mesophases of PAMAM liquid crystalline dendrimers of generation 1 and 3 A. Van-Quynh, D. Filip, C. Cruz, P.J. Sebastiao, A. C. Ribeiro, J.M. Rueff, M.Marcos, J.L. Serrano
114.	Deuterium NMR study of local molecular reorientations in the biaxial nematic phase of an organosiloxane tetrapode J. L. Figueirinhas, C. Cruz, D. Filip, G. Feio, A.C. Ribeiro, Y. Frere, T. Meyer, G.H. Mehl
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118.	Self- assembly of phase-segregated cellulose liquid crystals films M.H. Godinho, D. Filip, I. Costa, J. L. Figueirinhas
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119.	Modified lignin/polyethylene blends C. Vasile, A. Iwanczuk, S. Frankowiak, G. Cazacu, G. Constantinescu, M. Kozlowski
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126.	New aspects regarding hydrophobicity of some textile fabrics through treatment in cold plasma and grafting with vinylic monomers A. Muresan, A.I. Ecsner, R. Muresan, G. Ioanid, A. Ioanid
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61.	Thermal behavior study of the polymaleimide on nanoscale structures D. Ivanov, M. Constantinescu
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62.	Polyazomethines containing sulfone groups with thermotropic liquid crystalline properties L. Marin, V. Cozan, M. Bruma
63.	Thermotropic oligomers for FET applications L. Marin
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64.	Ab initio study of maleamic acids cyclodehydration D. Ivanov, M. Constantinescu
65.	Dental composites based on urethane macromonomers and morphogenesis of the polymeric network T. Buruiana, E. C. Buruiana, L. Hahui, D. Ivanov, V. Pohoata, A. Colceriu, M. Moldovan
66.	New photosensitive triazene polymers for laser ablation. Synthesis and properties E. C. Buruiana, T. Buruiana, L. Hahui, V. Melinte, T. Lippert
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68.	Thermotropic polyazomethines containing bent-shaped non mesogenic units V. Cozan, I. E. Sajo, V. C. Grigoras, L. Marin
69.	Studying the sol-gel transition of styrene-divinyl benzene crosslinking co-polymerization via excimer forming dye molecules Gelir, D. Kaya Aktes, I. Cianga, L. Cianga, Y. Yagci, Y. Yilmaz
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70.	New systems involved in the conservation of ancient wood I. Sandu, O. Petreus, N. Luta, C. Hamciuc, V. Vasilache
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74.	Characterization of polyelectrolyte complex nanoparticles by atomic force microscopy M. Mihai, E. S. Dragan, S. Schwarz
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75.	Studies on the preparation of telechelic by atom transfer radical polymerization and cross coupling

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76.	Electrochromic properties of copolymer of N-(3-thienyl methylene)-oxycarbonylphenyl)maleimide with thiophene and its electrochromic device E. Sahin, P. Camurlu, L. Toppare, V. M. Mercore, I. Cianga, Y. Yagci
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77.	In situ monitoring the sol-gel transition for polyacrylamide gel L. E. Nita, M. Bercea, I. Neamtu, A. P. Chiriac
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79.	Viscometry of poly(butyl methacrylate) synthesized in magnetic field A. P. Chiriac, L. E. Nita, I. Neamtu
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80.	Viscoelastic properties of polyacrylamide hydrogels M. Bercea, I. E. Nita, I. Neamtu, A. P. Chiriac
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86.	Viscoelasticity and dynamics of entangled polymers M. Bercea
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87.	Using semantic Web technologies to discover resources within the intranet of an organization S. C. Buraga, T. Rusu
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88.	Collaborative working environments an opportunity for acceding countries – Romanian NE perspective T. Rusu, S. C. Buraga
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89.	Rheological and thermal behavior of the polyvinyl alcohol/ β -cyclodextrin blends

	O. M. Paduraru, C. Vasile, C. N. Cascaval, A. Stoleriu
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90.	Thermodynamics of the interaction of hydrophobically modified cationic polysaccharides with surfactants of the same charge G. Bai, J. A. M. Catita, M. Nichifor, M. Bastos
2nd International Symposium on Calorimetry and Chemical Thermodynamics, 9-13 apr., 2006, Campinas, Brasil	
91.	Self-assembling and their hydrophobically modified cationic polysaccharides and their interactions with sodium dodecyl sulfate: dependence of the behavior of the mixed system on charge ratio G. Bai, M. Nichifor, M. Bastos
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92.	Hydrogels amphiphiles a base de polysaccharides V. Dunlog, G. Mocanu, L. Picton, D. LeCerf
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93.	Technology transfer – a challenge for Romanian research V. Harabagiu
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94.	Supramolecular chemistry: New pseudorotaxanes, polyrotaxane, self assembly of polymers A. Farcas, V. Harabagiu, M. Spulber, B. C. Simionescu, H. W. Gibson
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95.	Inclusion complexes of the drug Medocef and β -cyclodextrin A. Farcas, M. Pinteala, A. M. Farcas, B. C. Simionescu
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15.	Supramolecular systems based on maleic anhydride copolymers for advanced applications G. C. Chitanu
16.	Formation of hydroxyapatite in the presence of methyl methacrylate – maleic acid copolymer I. M. Pelin, G. C. Chitanu, Z. Vuluga
17.	New phosphorylated polysaccharides for advanced applications D. M. Suflet, G. C. Chitanu
18.	Nanostructured binary hybrids based on layered silicate and natural or synthetic polymers Z. Vuluga, C. Radovici, S. Serban, C. G. Potarniche, C. G. Chitanu, V. Trandafir, D. M. Vuluga, E. Vasile
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20.	Synthesis of novel acidic urethane oligomers used in formulating components and their photopolymerization monitored by fluorescent probe T. Buruiana, E. C. Buruiana, V. Melinte, L. Hahui, V. Pohoata, M. Moldovan
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38.	New poly(1,3,4-oxadiazole-azomethine)s L. Marin
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43.	Supramolecular inclusion complexes composed of modified poly(dimethyl siloxane) and β -cyclodextrin: preparation and characterization M. P. Perminova, T. E. Sukhanova, S. V. Bronnikov, A. I. Grigoryev, G. N. Gubanova, N. Marangoci, A. Farcas, M. Pinteala, V. Harabagiu, B. C. Simionescu
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45.	Thermo-mechanical properties of the cellulose based materials I. E. Raschip, C. Vasile, S. Paes, J. Mitchell
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46.	Synthesis and characterization of novel reactive composites by surface modification of silica particles F. Bucatariu, E. S. Draga, F. Simon
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48.	Study on thermal degradation of cellulose allomorphs D. E. Ciolacu
49.	A new biomedical utilization of recycling lignin D. E. Ciolacu, G. Cazacu
50.	Dielectric relaxation spectroscopy of recycled PET with different synthetic polymer blends G. L. Constantinescu, S. Aradoaie, R. C. Ciobanu
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55.	Exopolysaccharide production by fermentation of agrobacterium rhizogenes M. Moscovici, C. Ionescu, A. Voicu, G. Mocanu, T. Caraianni, C. Marinescu, V. Zaharachescu, A. Casarica, C. Bazdoaca
56.	Effect of biodegradation with trichoderma viride pers. on wood C. M Popescu, A. Manoliu, C. Vasile, L. Opric, P. Gradinariu, C. Silvestre, S. Cimmino
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68.	Fluorescence properties of some polyurethanes with stilbene and pyrene rings S. Gurlui, E. Buruiana, T. Buruiana, G. Strat, M. Strat, V. Pohoata
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72.	Polyrotaxanes based on electroconducting polymers A. Farcas, N. Jarroux, P. Guégan, V. Harabagiu, B. C. Simionescu
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89.	Le renforcement des polysiloxanes avec de la silice obtenue in situ ou ex situ. Etudes comparatives

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90.	Materiaux nanoporeux obtenus par la technique sol-gel bases sur l'alcool polyvinylique M. Olaru, E. C. Buruiana, B. C. Simionescu, R. Cristescu, I. N. Mihailescu
91.	L'investigation des proprietes chemo-chromatiques des films nanometriques de polymeres azoaromatiques D. Timpu, V. Barboiu, A. Airinei, E. Rusu
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95.	Comportement thermotrope de polysulfones aromatiques, polyazomethines et poly(azomethine-sulfones) V. Cozan, L. Marin, E. Avram
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103.	Cyanoethylation des polymeres naturels G. Constantinescu
104.	Influence de l'espaceur oxyethylene sur le comportement thermotrope de poly(azomethine-sulfones) V. Cozan, L. Marin, M. Sava
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143.	Les proprietes des hybrids ternaries nanostructures collagene/copolymers maleiques/silicate naturel Z. Vuluga, G. C. Chitanu, V. Trandafir, C. Radovici, E. Vasile, S. Serban, C. G. Potarniche
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144.	The effects of ultraviolet radiation on poly(4-vinylpyridines) M. I. Avadanei, V. Barboiu, C. Luca, D. Dorohoi
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149.	Comparative study between the IEDs of positive ions in an RF argon discharge and argon-hydrogen discharge M. Aflori, D. G. Dimitriu
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151.	Performance composites and laminates with special properties for footwear E. C. Buruiana, M. Zanoaga, A. Mihai
152.	Polymeric composites based on ionic polyurethanes and silicates for applications in textile finishing E. C. Buruiana, V. Melinte, T. Buruiana, M. Zanoaga, A. Mihai
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155.	Vinyl ester matrix resins for advanced materials L. Rosu, C. Ciobanu, D. Rosu, C. N. Cascaval
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156.	Rheological behavior of aqueous laponite RD dispersions in the presence of polymeric additives S. Morariu, M. Bercea
157.	Rheological behavior of cationic polyelectrolyte solutions at different temperatures M. Bercea, L. Ghimici, E. S. Dragan
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161.	Environmental assessment on automotive panel composed of recycled polymers R. N. Darie, B. Simionescu, C. Vasile, M. K. Patel
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165.	The lignin effect on rheological and thermal properties of a plastic mixture R. N. Darie, G. Cazacu, V. Popescu, C. Vasile
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167.	2D correlation spectroscopy of poly(ethylene adipate)/cholesteryl palmitate blends M. C. Popescu, C. Vasile
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170.	Linear and crosslinked weak polyelectrolytes containing primary amine groups M. V. Dinu, E. S. Dragan, C. D. Vald
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172.	Organic ion exchangers. Syntheses and characterization E. S. Dragan, M. V. Dinu, E. Avram
Permea 2007 Membrane Science and Technology Conference, Sep. 2-6, 2007	
173.	Chelating resins with hydroxyl and amine groups and their behaviour in the retention of heavy metals V. Neagu, C. Luca, N. Kabay, Y. Yuksel, M. Arda, I. Yilmaz, F. Tankus
The 8th Mediteranean Conference on Calorimetry and Thermal Analysis European Polymer Congress, MEDICTA 2007, Portoroz, 2007	
174.	Thermal and thermo-oxidative stabilities of some poly(siloxane-azomethine)s P. Budrugaec, C. Racles, V. Cozan, M. Cazacu
14th International Symposium on Metastable and Nano-materials, ISMANAM'2007, Aug. 26-30, 2007, Corfu, Grecia	
175.	The characterization of recycled PMMA V. Popescu, C. Vasile, M. Brebu, G. L. Popescu, M. Moldovan, L. Stanulet, C. Prejmerean, C. Trisca-Rusu, G. Prodan
4th European Silicon Days, 9-11.09.2007, Bath, Anglia	
176.	Polyhydrosilanes. New materials for optoelectronics G. Sacarescu, I. Mangalagiu, L. Sacarescu, M. Simionescu, R. Ardeleanu
177.	Polysilane structures with conformational photocontrol M. Simionescu, N. Hurduc, G. Sacarescu, R. Ardeleanu, L. Sacarescu
178.	A new type of polysilane with diazine skeleton I. Mangalagiu, D. Mantu, R. Ardeleanu, G. Sacarescu, M. Simionescu, L. Sacarescu
179.	Hybrid polysilane-metal complexes structures L. Sacarescu, G. Sacarescu, M. Simionescu, R. Ardeleanu
The 8th International Symposium on Catalysis Applied to Fine Chemicals, 16-20 Sept. 2007, Verbania, Italia	
180.	Hydrotalcite-based catalysts for the organic sulfur with H ₂ O ₂ E. Dumitriu, A. L. Maciuc, C. Chelaru, V. Hulea
42nd Annual Meeting of IADR-Continental European and Israeli Divisions, Sept. 26-29, 2007, Thessaloniki, Greece	
181.	Share bond test and water sorption of new adhesives systems C. Tamas, M. Rusu, T. Buruiana, M. Moldovan, M. Trif, L. Colceriu
4th Black Sea Basin Conference on Analytical Chemistry, Sept. 19-23, 2007, Sunny Beach, Bulgaria	
182.	Comparative study on metal sorption by acrylic copolymers functionalized with triethylenetetramine

	R. Buhaceanu, A. Birsanescu, V. Dulman, L. Odochian, I. Sarghie, A. Pui, I. Bunia
183.	Dynamic adsorption of textile dye Acid Green 9 by acrylic copolymers functionalized with amines in fixed-bed system S. Cucu Man, C. Simion, R. I. Olaru, C. Luca
184.	Adsorption of acid dye orange g from aqueous solution onto weakly or strong basic functionalized polymers V. Dulman, A. Barsanescu, R. Buhaceanu, S. Cucu Man, V. Neagu
on	ESF-EMBO Symposium of Biomagnetism and Magnetic Biosystems based Molecular Recognition Processes, Sept. 22-27, 2007, Spania
185.	New route to end amino-functionalized polyoxazolines as shell of Fe ₃ O ₄ nanoparticles A. Durdureanu-Angheluta, G. David, M. Pinteala, V. Harabagiu, B. C. Simionescu
186.	Synthesis and characterization of a new polymeric system based on polystyrene with secondary amine chain end and magnetite A. Farcas, A. Durdureanu-Angheluta, N. Marangoci, M. Pinteala, V. Harabagiu, B. C. Simionescu
Ireland	15th European Symposium on Organic Chemistry, Jul. 8-13, 2007, Dublin, Ireland
187.	A new and efficient heterogeneous system for the phthalimide-N-oxyl radical (PINO) generation S. Coseri
2007,	Central and Eastern European Countries Meeting (NanoMemPro), Apr. 19, Praga, Cehia
188.	Membrane science and technology in Romania M. Olaru
	8th International Conference of the European Chitin Society, Sept. 8-11, 2002, Antalya, Turkey
189.	Chitosan-siloxane hybrid membranes. Synthesis and physico-chemical characterization D. Enescu, V. Hamciuc, L. Pricop, V. Harabagiu, B. C. Simionescu
Loster	IUPAC International Symposium on Ionic Polymerization, Sept. 2-7, 2007, Banz, Germany
190.	Complex structured conjugated polymers with polymeric side chains by combinations of controlled polymerization and coupling processes D. G. Colak, S. Yurtery, I. Cianga, B. Kiskan, Y. Yagci
Anglia	21th European Conference on Biomaterials, Sept. 9-12, 2007, Brighton, Anglia
191.	Drug delivery sustem based on two biocompatible polymers S. Vasiliu, C. Luca, V. Neagu, M. Popa
192.	Biocompatibility evaluation of a novel hydroxyapatite-polymer coating for medical implants (in vitro tests) G. Negroiu, L. Zdrentu, R. M. Piticescu, G. C. Chitanu, I. N. Mihailescu
	46th Microsymposium of Nanostructured Polymers and Polymer

Nanocomposites, 2007 Prague Meetings on Macromolecules, Jul. 8-12, 2007, Prague	
193.	Nanometer-scale structural origins of mechanical properties of polyurethanes C. Prisacariu, C. P. Buckley
194.	Microstructure and phase separation of polyurethane films based on flexible hard segments and selected diol chain extenders C. Prisacariu
195.	Influence of the nanometer-scale structure of an isocyanate oligomeric chain extender in determining nivel polyurethane blends with hard segments of conformational mobility C. Prisacariu
3rd International Symposium on "Reactive Polymers in Inhomogeneous Systems, in Melts, and at Interfaces", Sept. 23-26, 2007, Dresden, Germany	
196.	Mechanical response of novel crosslinked and thermoplastic polyurethane elastomers derived from single and mixtures of isocyanates of variable geometry C. Prisacariu, C. P. Buckley, V. A. Prisacariu
197.	Crystallization and properties of novel polyurethanes based on the chain extender ethylene glycol and aromatic diisocyanates of variable flexibility C. Prisacariu, E. Scortanu
198.	Study of novel dibenzyl diisocyanate based polyurethanes-ureas chain extended with aromatic diamines C. Prisacariu, E. Scortanu
199.	Influence of hard segments content on the mechanical behaviour of polyurethane elastomers with dibenzyl structures C. Prisacariu, E. Scortanu
200.	The study of thermal behavior of selected polyurethanes derived from macrodiol polytetrahydrofuran and diisocyanates of variable flexibility C. Prisacariu, E. Scortanu
The 2nd International Conference of the Chemical Society of the Republic of Moldova, Oct. 1-3, 2007, Chisinau, Moldova	
201.	Ab initio study of triethylamine influence over 3-methyl-phenacylpyridazinum ylides transilidation with isocyanates D. Ivanov, M. Constantinescu
7th International Conference "Advances in Plastics Technology", APT'2007, Nov. 12-15, 2007, Katowice, Polonia	
202.	Effect of lignin incorporation on some physico-chemical properties of blends containing synthetic polymers, R. N. Darie, G. Cazacu, C. Vasile, M. Kozlowski
4th Annual European Rheology Conference, AERC, Apr. 11-14, 2007, Napoli, Italia	
203.	Influence of the temperature on the rheological behavior of solutions of polymer with different architectures M. Bercea, V. Hurduc, M. Lungu, I. Nor
204.	Viscoelastic properties of polyacrylonitrile solutions in dimethylformamide M. Bercea, S. Morariu, C. E. Brunchi

205.	Investigation of dynamic behavior of poly(ethylene oxide)-laponite RD-water ternary mixture M. Bercea, S. Morariu
16th Symposium on Applications of Plasma Processes, Slovakia, 2007	
206.	Transition to chaos by a cascade of period-doubling bifurcations in plasma D. G. Dimitriu, M. Aflori, L. M. Ivan, C. Ionita, R. W. Schrittwieser
207.	Mass-spectrometry investigations in Ar-112 radio-frequency discharges M. Aflori, D. G. Dimitriu

International Conference on Nanomedicine, Sept. 9-11, 2007, Chalkidiki, Grecia,	
208.	Natural fibre-coated polyurethane for medical device fabrication O. Craciunescu, L. Moldovan, M. Lungu, C. Vasile, D. Bojin, O. Zarnescu
9th Workshop Nanoscience & Nanotechnology, Nov. 28-30, 2007, Sofia, Bulgaria	
209.	Formation and potential applications of polyelectrolyte complexes based on chitosan and copolymers of 2-acrylamido-2-methylpropanesulfonic acid M. Mihai, E. S. Dragan, D. Paneva, O. Stoilova, N. Manolova, I. Rashkov
International Conference (Bio)Degradable Polymers from Renewable Resources Nov. 18-21, 2007, Vienna	
210.	Study of interpolymeric complexes based on polymers from renewable sources C. Duncianu, C. Vasile
211.	Polyurethanes from renewable resources as candidates for friendly environment new materials D. Macocinschi, D. Filip, S. Vlad
212.	Mass spectrometry studies of cyclic esters ring opening oligomerization in the presence of disperse Red 1 C. Peptu, V. Harabagiu, B. C. Simionescu, G. Adamus, M. M. Kowalczyk
213.	Supramolecular structure - a key parameter for cellulose biodegradation D. Ciolacu, F. Ciolacu
214.	Novel biodegradable matrices for drug delivery R. P. Dumitriu, C. Vasile
215.	Liquid crystal template applied for polyimide-cellulose derivative thin films D. Filip, A. I. Cosutchi, C. Hulubei, S. Ioan
216.	Biomass compounds with pharmacological applications I. Spiridon, M. Ichim, N. Anghel
217.	Biomedical applications of maleic anhydride copolymers and their derivatives G. C. Chitanu, I. Popescu, A. G. Anghelescu-Dogaru, I. Dumistracel
218.	Complexation of phosphorylated cellulose with collagen D. M. Suflet, G. C. Chitanu, V. Trandafir
219.	Effect of collagen on sparingly soluble inorganic salts separation I. M. Pelin, G. C. Chitanu, V. Trandafir, Z. Vuluga
220.	Supramolecular systems from natural polymers and maleic polyelectrolytes I. Popescu, M. I. Popa, G. C. Chitanu
3rd International Congress of Chemistry and Environment, ICCE 2007, Nov. 18-20,	

2007, Kuwait	
221.	Preparation and post-reactions of starch-g-polyacrylonitrile E. S. Dragan, D. F. Apopei, M. Ivanoiu
222.	Hybrids materials generated by the complexation of heavy metals on crosslinked organic substrates-precursors for the metal controlled release as a function of the environment E. S. Dragan, M. V. Dinu
223.	Specific interactions between strong polycations and azo dyes as a function of polycation and dye structure E. S. Dragan, A. I. Dinu, L. Ghimici
224.	Polyelectrolyte solutions. Counterion dissociation as a function of the medium properties L. Ghimici, E. S. Dragan
The 2nd International Conference on Advances in Petrochemicals and Polymers, ICAPP 2007, June 25-28, 2007, Bangkok, Thailand	
225.	New multi-functional materials based on maleic anhydride copolymers for advanced application G. C. Chitanu
226.	Synthesis and characterization of new functionalized polysaccharides M. D. Suflet, G. C. Chitanu
227.	Maleic copolymers as potential materials for membrane fabrication G. C. Chitanu, I. Popescu, I. M. Pelin, G. A. Rimbu
E-MRS Fall Meeting, Sept. 17-21, 2007, Warsaw, Poland	
228.	Electrochemical deposition of Ni-based thin film cermets using polymeric additives A. Duta, C. Bogatu, G. C. Chitanu, I. M. Pelin
229.	Tailoring alumina thin films properties using hydrophile/hydrophobe polymer additives L. Isac, E. Purghel, A. Duta, G. C. Chitanu, I. M. Pelin
BIOCERAMICS 20, Oct. 24-26, 2007, Nantes, France	
230.	Comparative study of in situ interactions between maleic anhydride based copolymers with hydroxy apatite R. M. Piticescu, G. C. Chitanu, A. Meghea, M. Giurginca, G. Negroiu

Numar lucrari comunicate/2007: 230

Total punctaj lucrari comunicate/2007:
1 150

TOTAL ANEXA 5.2

Numar total lucrari prezentate/2003-2007: 849

Total punctaj cap. 5.2/2003-2007: 4 245

ANEXA 5.3

Modele fizice, modele experimentale, modele functionale, prototipuri, normative, proceduri, reglementari si planuri tehnice noi sau perfectionate, realizate in cadrul programelor nationale sau comandate de beneficiar

2003

Nr. crt.	Autori	Model, prototip, normativ etc.	Programul national sau comanda /nr. contract (comanda)/anul	Punctaj
1	G.C. Chitanu, I. Avram (Popescu), D.M. Suflet, A. Carpov	Documentatie tehnica de realizare a PMCM AV 44.2 si AM 85.2	Matnantech Contract: C111/2002 Durata: 2002-2005	5

Total punctaj cap. 5.3/2003: 5

2004

Nr. crt.	Autori	Model, prototip, normativ etc.	Programul national sau comanda /nr. contract (comanda)/anul	Punctaj
1	G.C. Chitanu, I. Avram (Popescu), D.M. Suflet, A. Carpov	Standard de firma pentru produsele AV 44.2 si AM 85.2	Matnantech Contract: C111/2002 Durata: 2002-2005	5
2	V. Barboiu, D. Timpu, E. Rusu, A. Airinei	Model experimental de traductor de lumina realizat cu film de polimer conjugat azoaromatic	<i>Filme de polimeri conjugati pentru aplicatii in dispozitive opto-electronice si senzori chimici</i> Program CERES Contract: 150/2001 Durata: 2001-2004	5
3	V. Barboiu, D. Timpu, E. Rusu, A. Airinei	Model experimental de senzor chimic de aciditate	<i>Filme de polimeri conjugati pentru aplicatii in dispozitive opto-electronice si senzori chimici</i> Programul CERES Contract: 150/2001 Durata: 2001-2004	5

Total punctaj cap. 5.3/2004: 15

2006

Nr. crt.	Autori	Model, prototip, normativ etc.	Programul national sau comanda /nr. contract (comanda)/anul	Punctaj
1	S Oprea, S Vlad, C. Ciobanu <i>et al.</i>	Tehnologie de laborator si prototipuri de izolatori seismici pasivi folositi in constructii si poduri	AMTRANS Contract: 7B01/2005 Durata: 2004-2006	5

Numar modele, prototipuri etc.: 5

Total punctaj cap. 5.3/2003-2007: 25

ANEXA 6.1

Membri (incluzand statutul de recenzor) in colectivele de redactie ale unor reviste cotate ISI sau incluse in baze de date internationale) sau in colectivele editoriale ale unor edituri internationale recunoscute

Nr. prezente	Nume	Titlul revistei/editurii (perioada)	Pozitia	Punctaj
1	Maria Bruma	High Performance Polymers/SAGE Publications (2002-2006)	Membru in colegiul de redactie/5 ani	20
2	Iuliana Spiridon	Cellulose Chemistry and Technology/Ed. Academiei Romane (2006)	Editor asociat/1 an	20
3	Vasile Cornelia	International Journal of Polymeric Materials/Taylor and Francis (2002-2006)	Membru in comitetul de redactie/5 ani	20
4	Ecaterina Stela Dragan	Research Journal of Chemistry and Environment/Naidunia Printery Indore, India (2003-2006)	Membru in comitetul de redactie	20
5	Valeria Harabagiu	European Polymer Journal/Elsevier (2005)	Referent/1 rec.	20
6	Valeria Harabagiu	Biomacromolecules/ACS (2004, 2005, 2006)	Referent/3 rec.	20
7	Valeria Harabagiu	Carbohydrate Polymers/Elsevier (2006)	Referent/1 rec.	20
8	Valeria Harabagiu	Cellulose Chemistry and Technology/Editura Academiei Romane (2006)	Referent/3 rec.	20
9	Elena Scortanu	European Polymer Journal/Elsevier, 2002	Referent/2 rec.	20
10	Elena Scortanu	Molbank (Molecules)/MDPI, 2003, 2004, 2005	Referent/7 rec.	20
11	Elena Scortanu	Heterocyclic Communication/Freund, 2004	Referent/1 rec.	20
12	Elena Scortanu	Journal Applied Polymer Science/Wiley (2004)	Referent/1 rec.	20
13	Elena Scortanu	International Journal of Chemical Kinetics/ Wiley (2005)	Referent/1 rec.	20
14	Elena Scortanu	Polymer/Elsevier (2006)	Referent/1 rec.	20
15	Sergiu Coseri	Journal Organic Chemistry/ACS (2004)	Referent/3 rec.	20
16	Ioan Bicu	J.Appl.Polym.Sci/Wiley (2006)	Referent/4 rec.	20
17	Fanica Mustata	Macromol. Mater. Eng/Wiley-VCH(2005)	Referent/2 rec.	20
18	Fanica Mustata	Macromolecular Chemistry & Physics/Wiley-VCH (2005)	Referent/1 rec.	20
19	Niculae Olaru	J. Appl. Polym. Sci./Wiley (2005)	Referent/1 rec.	20
20	Niculae Olaru	Cell. Chem.Technol./Ed.Academiei Romane (2005)	Referent/1 rec.	20
21	Maria Bruma	Macromolecules/ ACS (2003)	Referent/1 rec.	20
22	Maria Bruma	Macromolecular Materials and Engineering /Wiley(2003)	Referent/1 rec.	20
23	Maria Bruma	J. Macromolecular Science – Pure and Applied Chemistry/Dekker (2004)	Referent/1 rec.	20
24	Maria Bruma	Synthetic Metals/Elsevier (2004)	Referent/1 rec.	20

25	Maria Bruma	Polymer Bulletin/Springer (2005)	Referent/1 rec.	20
26	Maria Bruma	European Polymer Journal/Elsevier (2005)	Referent/1 rec.	20
27	Maria Bruma	Polymer/ Elsevier (2005)	Referent/1 rec.	20
28	Maria Bruma	Vacuum/ Elsevier (2006)	Referent/1 rec.	20
29	Maria Bruma	Journal of American Chemical Society/ACS (2002)	Referent/1 rec.	20
30	Maria Bruma	Thin Solid Films/ Elsevier (2005)	Referent/1 rec.	20
31	Corneliu Hamciuc	Polymer Bulletin/Springer (2004-2006)	Referent/3 rec.	20
32	Corneliu Hamciuc	Journal of Polymer Science, Part A : Polymer Chemistry/Wiley (2005)	Referent/1 rec.	20
33	Corneliu Hamciuc	J. Macromolecular Science – Pure and Applied Chemistry/Dekker (2004)	Referent/1 rec.	20
34	Corneliu Hamciuc	Macromolecules/ACS (2003)	Referent1 rec.	20
35	Corneliu Hamciuc	Central European Journal of Chemistry/ Springer (2006)	Referent/1 rec.	20
36	Luminita Cianga	European Polymer Journal/ Elsevier (2005, 2006)	Referent/2 rec.	20
37	Luminita Cianga	Designed Monomers and Polymers/ (2006)	Referent/1 rec.	20
38	Elena Hamciuc	Macromolecular Rapid Communications/ Wiley (2005)	Referent/1 rec.	20
39	Ion Sava	Polymer Bulletin/Springer (2006)	Referent/1 rec.	20
40	Emil. C. Buruiana	Journal of Polymer Science Part. A / Willey (2004)	Referent/2 rec.	20
41	Emil. C. Buruiana	Journal of Photochemistry and Photobiology A: Chemistry/Elsevier (2004, 2005)	Referent/3 rec.	20
42	Emil. C. Buruiana	European Polymer Journal / Elsevier (2006)	Referent/1 rec.	20
43	Emil C. Buruiana	Journal of Applied Polymer Science / Willey (2004, 2006)	Referent/3 rec.	20
44	C-tin Gaina	Journal of Applied Polymer Science / Wiley (2004, 2006)	Referent/4 rec.	20
45	C-tin Gaina	Progress in Rubber, Plastic&Recycling Technology/Rapra (2005)	Referent/1 rec.	20
46	Viorica Gaina	Croatia Chemica Acta/ The Croatian Chemical Society (2002)	Referent/1 rec.	20
47	Viorica Gaina	Polymer/Elsevier, 2003	Referent/1 rec.	20
48	Viorica Gaina	Journal of Applied Polymer Science/Wiley (2006)	Referent/2 rec.	20
49	Mitica Sava	High Performance Polymer /Sage (2006)	Referent/1 rec.	20
50	Constantin N. Cascaval	European Polymer Journal/Elsevier (2005, 2006)	Referent/4 rec.	20
51	Constantin N. Cascaval	Journal Applied Polymer Science/Wiley (2005, 2006)	Referent/6 rec.	20
52	Constantin N. Cascaval	Journal Polymer Engineering/ Elsevier (2006)	Referent/1 rec.	20
53	Constantin N. Cascaval	Journal Analytical Applied Pyrolysis/ Elsevier (2005)	Referent/1 rec.	20
54	Constantin N.	Polymer/ Elsevier (2006)	Refertent/1	20

	Cascaval		rec.	
55	Constantin N. Cascaval	High Performance Polymers/ SAGE (2006)	Referent/1 rec.	20
56	Rusu Teodora	Intelligent Production and Systems (I*PROMS)/Elsevier (2005, 2006)	Referent/4 rec.	20
57	Vasile Cornelia	Journal of Analytical and Applied Pyrolysis/ Elsevier (2005,2006)	Referent/2 rec.	20
58	Vasile Cornelia	Celulose Chemistry and Technology Editura Academiei Romane (2006)	Referent/1 rec.	20
59	Vasile Cornelia	Biomacromolecules/ACS (2006)	Referent/1 rec.	20
60	Vasile Cornelia	Fuel/Elsevier (2006)	Referent/1 rec.	20
61	Vasile Cornelia	Journal of Material Cycles and Waste Management/Springer (2005,2006)	Referent/2 rec.	20
62	Vasile Cornelia	Macromolecular Engineering and Science /VCH (2006)	Referent/1 rec.	20
63	Silvia Ioan	Macromolecules/ACS (2004)	Referent/1 rec.	20
64	Silvia Ioan	Macromolecular Chemistry and Physics /Wiley InterScience (2004)	Referent/1 rec.	20
65	Silvia Ioan	European Polymer Journal/Elsevier (2005)	Referent/1 rec.	20
66	Silvia Ioan	Reactive and Functional Polymers/Elsevier (2005)	Referent/1 rec.	20
67	Silvia Ioan	Journal of Applied Polymer Science/Wiley InterScience (2005)	Referent/1 rec.	20
68	Ecaterina Stela Dragan	Langmuir/ACS (2002)	Referent/2 rec.	20
69	Ecaterina Stela Dragan	Journal of Physical Chemistry B/ACS (2002)	Referent/1 rec.	20
70	Ecaterina Stela Dragan	European Polymer Journal/Elsevier (2004,2005)	Referent/3 rec.	20
71	Ecaterina Stela Dragan	Journal of Polymer Science: Part A: Polymer Chemistry/Wiley (2004,2005)	Referent/4 rec.	20
72	Ecaterina Stela Dragan	Macromolecular Chemistry and Physics/Wiley Interscience (2004,2005,2006)	Referent/5 rec.	20
73	Ecaterina Stela Dragan	Polymer International/ Wiley Interscience (2003,2004)	Referent/2 rec.	20
74	Ecaterina Stela Dragan	Biomacromolecules/ACS (2005,2006)	Referent/4 rec.	20
75	Ecaterina Stela Dragan	Macromolecular Materials Engineering/ Wiley Interscience (2005)	Referent/1 rec.	20
76	Ecaterina Stela Dragan	Macromolecular Rapid Communications/Wiley Interscience (2005)	Referent/1 rec.	20
77	Ecaterina Stela Dragan	Polymer/Elsevier (2005,2006)	Referent/3 rec.	20
78	Ecaterina Stela Dragan	Journal of Applied Polymer Science/ Wiley Interscience (2003,2006)	Referent/3 rec.	20
79	Ecaterina Avram	European Polymer Journal/Elsevier (2002)	Referent/1 rec.	20
80	Ecaterina Avram	Polymer Degradation and Stability/Elsevier (2006)	Referent/1 rec.	20
81	Violeta Neagu	Reactive and Functional Polymers/Elsevier (2003, 2005, 2006)	Referent/6 rec.	20
82	Violeta Neagu	Chemical Engineering Communications /Taylor & Francis (2006)	Referent/1 rec.	20
83	Gabrielle Charlotte Chitanu	Environmental Science and Technology/ ACS (2003)	Referent/1	20

84	Gabrielle Charlotte Chitanu	Journal of Applied Polymer Science/Wiley (2006)	Referent/5	20
85	Gabrielle Charlotte Chitanu	Reactive and Functional Polymers /Elsevier (2004, 2006)	Referent/2	20
86	Gabrielle Charlotte Chitanu	Carbohydrate Polymers/Elsevier (2005)	Referent/1	20
87	Mircea Grigoras	Journal of Polymer Science Part A :Polymer Chemistry/Wiley Interscience (2002)	Referent/4 rec.	20
88	Maria Bercea	Journal of Rheology/Am. Inst. Physics (2002)	Referent/1 rec.	20
89	Maria Bercea	Chemical Engineering Communications/ Taylor and Francis (2002)	Referent/1 rec.	20
90	Mircea Grigoras	Materials Chemistry and Physics /Elsevier (2003)	Referent/1 rec.	20
91	Mircea Grigoras	Polymer International/Wiley Interscience (2004)	Referent/1 rec.	20
92	Mircea Grigoras	Journal of Polymer Science Part A :Polymer Chemistry (Wiley Interscience) (2004)	Referent/1 rec.	20
93	Mircea Grigoras	Journal of Applied Polymer Science/Wiley Interscience (2005)	Referent/1 rec.	20
94	Mircea Grigoras	Heteroatom Chemistry/Wiley Interscience (2005)	Referent/1 rec.	20
95	Maria Bercea	Polymer International/Wiley Interscience (2005)	Referent/1 rec.	20
96	Mircea Grigoras	Journal of Polymer Science Part A :Polymer Chemistry/Wiley Interscience (2006)	Referent/1 rec.	20
97	Mircea Grigoras	Chemical Papers (Slovakia) (2006)	Referent/1 rec.	20
98	Mircea Grigoras	Journal of Applied Polymer Science/Wiley Interscience (2006)	Referent/1 rec.	20
99	Maria Cazacu	Macromolecules (2004)	Referent/1 rec.	20
100	Maria Cazacu	Eur. Polym. J. (2002, 2004)	Referent/2 rec.	20
101	Maria Cazacu	J. Appl. Polym. Sci. (2004, 2005)	Referent/2 rec.	20
102	Maria Cazacu	Polym. Bull. (2006)	Referent/1 rec.	20
103	Maria Cazacu	Synth. Metal. (2005, 2006)	Referent/2 rec.	20
104	Maria Cazacu	Macromol. Chem. Phys. (2006)	Referent/1 rec.	20
105	Maria Cazacu	Appl. Organometal. Chem. (2005)	Referent/1 rec.	20
106	Carmen Racles	Polymer (2003)	Referent/2 rec.	20
107	Carmen Racles	Molbank (2005)	Referent/2 rec.	20

Numar prezente: 107

Total punctaj cap. 6.1: 2 140

Membri in colectivele de redactie ale revistelor recunoscute national (din categoria B in clasificarea CNCSIS)

Nr. crt.	Nume	Titlul revistei/editurii	Pozitia	Punctaj
1	Gabrielle Charlotte Chitanu	SCIENTIFIC STUDY & RESEARCH – Chemistry and Chemical Engineering, Biotechnology, Food Industry (STUDII ȘI CERCETĂRI ȘTIINȚIFICE – Chimie și Inginerie Chimică, Biotehnologii, Industrie Alimentară) (2003)	Membru comitetul editorial	10

Numar prezente :1

Total punctaj cap. 6.2: 10

ANEXA 6.3

Premii internationale obtinute prin proces de selectie

Nr. crt.	Nume	Premiul	Anul	Punctaj
1.	Emil Ghiocel IOANID	Medalia de argint <i>Salonul International al Inventiilor – ARHIMEDE</i> , 18-21.03.2003, Moscova	2003	20
2.	Emil Ghiocel IOANID	Le merite de l'invention, grade chevalier, croix no. 1826 17.11.2003, Bruxelles		20
3.	Cristofor I. SIMIONESCU Ghiocel E. IOANID Aurica P. CHIRIAC Iordana NEAMTU	MEDALIE DE AUR <i>Infoinvent, 5-8.11.2003, Chişinău – Republica Moldova</i> "Installation For Fluid Dynamic Viscosity Determination"		20
4.	Emil Ghiocel IOANID Dorina PARPAUTA Ana Maria VLAD	MEDALIE DE ARGINT <i>Infoinvent, 5-8.11. 2003, Chişinău – Republica Moldova</i>		20
5.	Mihaela Iuliana AVADANEI	Student Presentation Award <i>12th Polychar Annual World Forum on Advanced Materials</i> , Guimaraes-Portugalia, 5-9.01.2004	2004	20
6.	G.C. CHITANU	Medalia de argint la <i>Salon international des inventions</i> , Genève, Suisse		20
7.	Emil Ghiocel IOANID Vasile POMARLEANU	Medalie de argint <i>Salonul International al Inventiilor – ARHIMEDE</i> , 18-21.03.2004, Moscova		20
8.	A.G. ANGHELESCU- DOGARU, G.C. CHITANU	Medalia de argint la <i>8th International Symposium, Polymers for Advanced Technologies</i> , Budapesta, Ungaria	2005	20
9.	A.P. CHIRIAC, I. NEAMTU, L.E. NITA	MEDALIE DE ARGINT <i>ARCA 2006 ZAGREB</i> "Thermosensitive hydrogels"	2006	20
10.	Ghiocel E. IOANID	DIPLOMA DE AUR <i>55th World Exhibition of Innovation, Research and New Technology, EUREKA 2006</i> , Brussels, Belgium		20
11.	Ghiocel E. IOANID	MEDALIE DE AUR <i>Salonul International de Inventii si tehnologii noi, INVENTIKA</i> , Bucuresti, 3-7.10.2006		20
12.	Ghiocel E. IOANID	MEDALIE DE ARGINT <i>Salonul International al Inventiilor – ARHIMEDE</i> , Moscova, 27-30.03.2007	2007	20
13.	Ghiocel E. IOANID	MEDALIA DE AUR <i>TESLA Fest Novisad</i> , Iugoslavia, 12-15.10.2007		20
14.	Ghiocel E. IOANID	MEDALIA DE AUR <i>Salon International des Inventions</i> , Geneva, 20. 04.2007		20
15.	G.E. IOANID, D. RUSU, A. IOANID, S. DUNCA, A. MURESAN, R. MURESAN	MEDALIA DE AUR <i>Salonul International de Inventii si tehnologii noi, INVENTIKA</i> , Bucuresti, 2-6.10.2007		20

Numar premii 2003-2007: 15

Total punctaj cap. 6.3: 300

ANEXA 6.4**Premii nationale ale Academiei Romane**

Nr. crt.	Nume	Premiul	Anul	Punctaj
			2006	
1.	Carmenus RACLES	Costin D. Nenitescu	2005	20
2.	Marieta NICHIFOR	Nicolae Teclu	2004	20
3.	Violeta NEAGU	Costin D. Nenitescu	2004	20
4.	Vasile COZAN	Costin D. Nenitescu	2003	20

Numar premii AR/2003-2005: 4*Obs. Premiile pentru anii 2006 si 2007 nu sunt acordate***Total punctaj cap. 6.4: 80**

ANEXA 6.5**Conducatori de doctorat, membri ai unitatii de cercetare**

Nr. crt.	Nume	Punctaj
1.	Dr. Virgil Barboiu	10
2.	Dr. Maria Bruma	
3.	Dr. Silvia Ioan	
4.	Dr. Cornelia Vasile	
5.	Dr. Stela Dragan	
6.	Dr. Mircea Grigoras	
7.	Dr. Emil Buruiana	

Numar conducatori de doctorat : 7**Total punctaj cap. 6.5: 70**

Numar de doctori in stiinta, membri ai unitatii de cercetare

Nr. crt.	Nume	Pozitia*
1	Dr. Bicu Ion	CS I
2	Dr. Mustață Fănică	
3	Dr. Olaru Nicolae	
4	Dr. Chițanu Gabrielle	
5	Dr. Mocanu Georgeta	
6	Dr. Nichifor Marieta	
7	Dr. Buruiană Emil	
8	Dr. Buruiană Tinca	
9	Dr. Brumă Maria	
10	Dr. Petreuş Oana	
11	Dr. Drăgan Stela	
12	Dr. Luca Cornelia	
13	Dr. Grigoraş Mircea	
14	Dr. Bercea Maria	
15	Dr. Caşcaval Constantin	
16	Dr. Harabagiu Valeria	
17	Dr. Pinteală Mariana	
18	Dr. Cazacu Maria	
19	Dr. Ciobanu Constantin	
20	Dr. Vasile Cornelia	
21	Dr. Chiriac Aurica	
22	Dr. Ioan Silvia	
23	Dr. Bărboiu Virgil	
24	Dr. Airinei Anton	
25	Dr. Sava Mitică	CS II
26	Dr. Găină Constantin	
27	Dr. Sava Ion	
28	Dr. Hamciuc Elena	
29	Dr. Hamciuc Corneliu	
30	Dr. Hulubei Camelia	
31	Dr. Ghimici Luminița	
32	Dr. Vlad Cristina	
33	Dr. Morariu Simona	
34	Dr. Cianga Ioan	
35	Dr. Roşu Dan	
36	Dr. Ungurenaşu Cezar	
37	Dr. Racleş Carmenuş	
38	Dr. Oprea Ştefan	
39	Dr. Stanciu Aurelian	
40	Dr. Cazacu Georgeta	
41	Dr. Rusu Elena	
42	Dr. Prisăcariu Cristina	
43	Dr. Țîmpu Daniel	
44	Dr. Scorțanu Elena	
45	Dr. Ioanid Ghiocel	
46	Dr. Spiridon Iuliana	CS III
47	Dr. Bontea Dănuț	
48	Dr. Olaru Liliana	
49	Dr. Funduianu Constantin	
50	Dr. Funduianu Marieta	
51	Dr. Găină Viorica	
52	Dr. Tănasă Fulga	
53	Dr. Zănoagă Madălina	
54	Dr. Nechifor Marioara	

55	Dr. Cozan Vasile	
56	Dr. Cianga Luminița	
57	Dr. Avram Ecaterina	
58	Dr. Bunia Ioan	
59	Dr. Neagu Violeta	
60	Dr. Totolin Marian	
61	Dr. Chelaru Carmen	
62	Dr. Tudorachi Niță	
63	Dr. Rusu Gheorghe	
64	Dr. Hamciuc Viorica	
65	Dr. Săcărescu Liviu	
66	Dr. Ardeleanu Rodinel	
67	Dr. Săcărescu Gabriela	
68	Dr. Farcaș Aurica	
69	Dr. Vlad Stelian	
70	Dr. Moroi Gabriela	
71	Dr. Bejenaru Doina	
72	Dr. Filip Daniela	
73	Dr. Brebu Mihai	
74	Dr. Coșeri Sergiu	CS
75	Dr. Ioanid Aurelia	
76	Dr. Cristea Mariana	
77	Dr. Teacă Carmen	
78	Dr. Bodîrlau Ruxandra	
80	Dr. Cotzur Daniela	
81	Dr. Anghel Narcis	
82	Dr. Dogaru Anghelescu Adina	
83	Dr. Mihai Doina	
84	Dr. Suflet Mihaela	
85	Dr. Ivanov Daniela	
86	Dr. Olaru Mihaela	
87	Dr. Dămăceanu Dana	
88	Dr. Popa Iuliana	
89	Dr. Mititelu Alice	
90	Dr. Roșu Liliana	
91	Dr. Niță Loredana	
92	Dr. Simionescu Mihaela	
93	Dr. Pricop Lucia	
94	Dr. Bumbu Gina	
95	Dr. Ciolacu Diana	
96	Dr. Hitruc Elena	
97	Dr. Aflori Magdalena	
98	Dr. Aldea Gabriela	AC
99	Dr. Marin Luminița	
100	Dr. Vlad Bubulac Tăchiță	
101	Dr. Vasiliu Silvia	
102	Dr. Iojoiu Cristina	
103	Dr. Lupu Mihaela	
104	Dr. Epure Virginia	
105	Dr. Constantinescu Gabriela	

* CS I = cercetator stiintific gradul I; CS II = cercetator stiintific gradul II; CS III = cercetator stiintific gradul II; CS = cercetator stiintific; AC = asistent de cercetare

Numar de doctori in stiinta : 105

Total punctaj cap. 6.6: 1 050

Contracte de cercetare internationale finantate din fonduri publice

Nr. crt.	Denumire proiect	Nr. contr./Beneficiar	Total val. (EUR) din care:	2003	2004	2005	2006	2007
1.	New environmentally friendly technology for cellulose three dimensional objects	GROWTH G1RD-CT-1999-00130/CE	43000	10800				
2.	A novel methodology for the safe handling and consolidation of dimensional stone blocks using a cost-effective combination of vacuum-based technology and highly penetrating resin formulations	CRAFT G5 ST-CT2002-50293/CE	79000	31000	25000	23000		
3.	The Virtual Institute for Composites	GROWTH GTC1-2002-73018-ERIC/CE	20000	10000	6000	4000		
4.	Couches minces auto-assemblees individuellement de polyelectrolytes derives des copolymers d'anhydride maleique pour gerer l'interface metal-polymere dans les diodes organiques destinees a la realisaation de cellules solaires photovoltaiques plastiques stables et performantes	BRANCUSI/Egide , Franta	7150	3400	3750			
5.	First European Summer School on Green Chemistry of Polymers - EUROGREENPOL	875.818.5/15 iulie 2005/UNESCO, ROSTE Venezia				16000		
6.	Nouveaux complexes interpolymeres avec des sequences hydrophobes-hydrophiles	BRANCUSI/Egide , Franta	7150	3400	3750			
7.	European Polysaccharide Network of Excellence	NMP3-CT-2005-500375/CE	170000			55000	68000	68000
8.	Re-engineering of natural stone production chain through knowledge based processes, eco-innovation and new organisational paradigms	G5ST-CT-2002-50293/CE	150000			65000	60000	60000
9.	Romanian Action for Integrating, Networking	INCO-CT-2005-	800000		480000	100000	10000	100000

	and Strengthening the ERA	017142/CE					0	
10.	New fullerene-based formulations for controlled release applications	ECO NET 12556WC//Egide, Franta	20000				10000	10000
11.	Reintegration grant	NATO PDD(CP)- (CBP.EAP.RIG 982044)/NATO	33000			11000	10000	12000
12.	Core laboratories for the Improvement of Medical Devices in Clinical Practice from the Failure of Explanted Prostheses Analysis	Action 537/ Program COST	5340		800	3040	1500	1500
13.	Structuring of Polymers	Action P12/ Program COST	8000		1000	2000	2000	3000
14.	From molecules to molecular devices: control of electronic, photonic, magnetic and spintronic behaviour	Action D53/ Program COST	6000				1000	1500
15.	Analytical tools with applications for wood and pulping chemistry	Action E41/ Program COST	5000		1000	1000	1000	1000
16.	Biotechnical functionalisation of renewable polymeric materials	Action 868/ Program COST	4000				1000	1500
17.	Characterisation of the fine structure and properties of paper making fibres using new technologies	Action E54/ Program COST	4000				1000	1500
TOTAL			1 361 640	58 600	521 300	277 040	255 500	260 000

Numar contracte 2003-2007: 17

Valoare totala 2003-2007: 1 375 440 EUR

ANEXA 7.2

Contracte de cercetare internationale finantate din fonduri private

EUR										
Nr. crt.	Denumire proiect / Beneficiar	Beneficiar	Valoare totală contract	Director proiect	Total val. perioadă din care:	2003	2004	2005	2006	2007
1	Alkillithium-initiated polymerization of styrene and butadiene	PENN Specialty Chemicals, Inc. Canada	11.594	Dr. Mariana Pinteala	11.594				4.000	7.594
2	Synthesis and characterisation of new dihydrogenphosphate group containing monomers for dental applications	IVOCLAR VIVADENT AG, Zurich, Lichtenstein	10. 000	Dr. Emil Buruiana	10.000					5.000
T O T A L			21.594		21.594					12.594

Numar contracte/2003-2007: 2

Valoare totala contracte/2003-2007: 12 594 EUR

Contracte de cercetare nationale finantate din fonduri publice

PROIECTE PLAN NATIONAL II - Parteneriate

Nr. crt.	Denumire proiect	Beneficiar	Nr. contr. / Acronim	Valoare totală contract	Director proiect	Total val. perioadă din care:	2003	2004	2005	2006	2007
1	Compozite lemn-polimer cu componente de materiale nanostructurate și nanosenzori pentru îmbunătățirea microclimatului de locuit	INCD Microtehn. București	14 / 2007 NANOPROTE CT	550.000	Dr. Gabriela Chițanu	20.000					20.000
2	Sisteme fotocatalitice complexe pentru epurare avansată a apelor rezultate din industria textilă	Universitatea "Transilvania" Brașov	71-047 / 2007 FOTOCOMPL EX	250.000	Dr. Gabriela Chițanu	20.000					20.000
3	Materiale oxidice micro și nanostructurate cu cromatică luminescentă controlată pentru dispozitive de iluminat	Institutul Cerc. Chimie "Raluca Ripan" Cluj-Napoca	71-122 / 2007 MAMINAL	250.000	Dr. Gabriela Chițanu	14.000					14.000
4	Realizarea de noi biomateriale cu structuri colagenice supramoleculare dopate, cu proprietăți piezoelectrice, de cristale lichide, electrice și magnetice, utilizate în bioinginerie	INCD Textile Pielărie- Buc.	71-147 / 2007 BIOMATCO L	240.000	Dr. Gabriela Chițanu	0					0
5	Noi microorganisme capabile de sinteza enzimatică a unor biopolimeri terapeutic activi, utilizând glicerina (subprodus al obținerii biodieselului) ca substrat	INCD Chimico-Farmaceutică București	61006 / 2007 GLICEROBIOPO L	200.000	Dr. Georgeta Mocanu	0					0
6	Biomateriale avansate pe bază de structuri proteice bioactive, nanostructurate dopate cu	INCD Textile Pielărie- Buc.	71146 / 2007	300.000	Dr. Constantin	30.000					30.000

	nanoparticule metalice		NANOPEL		Ciobanu						
7	Noi sisteme terapeutice donoare de oxid de azot cu eliberare controlată	Univ. Med. și Farmacie “Gr. T. Popa” Iași	41017 / 2007 NOSITEC	700.000	Dr. Cornelia Vasile	50.000					50.000
8	Cercetări privind implementarea separării magnetice în detoxificarea sângelui uman utilizând particule magnetice suport	INCD Fizică Tehnică Iasi	81 51 / 2007 MAGSEPDET OX	455.000	Dr. Aurica Chiriac	30.000					30.000
9	Conceperea, dezvoltarea și transferul tehnologiei de obținere a unei formule medicamentoase originale, practic netoxică, cu eficiență deosebită în terapia antiinflamatoare, bazată pe principii active de natură vegetală	Inst. de Bioinginerie, Biotehn. și Protecția Mediului SC BIOING SA București	17 / 2007 VEGANINFLA M	150.000	Dr. Iuliana Spiridon	30.000					30.000
10	Circuite avansate pentru microunde, unde milimetrice și fotonice utilizând tehnologii MEMS	INCD Microtehn. București	D1-10008 MIMFOMEM S	150.000	Dr. Maria Brumă	0					0
11	Structuri textile compozite pentru sisteme de protecție împotriva radiațiilor electromagnetice	Univ. Tehnică “Gh. Asachi” Iași	81-050 / 2007 SIR	250.000	Dr. Ioan Cianga	17.500					17.500
12	Procesare fonică de bio polimeri	INCD Fiz. Laseri, Plasmei, Rad. Măgurele	71-111 / 2007 FOTOPOL	300.000	Dr. Emil Buruiană	6.900					6.900
13	Sistem intervențional modern de proiectare și realizare rapidă a încălțăminteii destinate compensării deficiențelor locomotorii și profilaxiei afecțiunilor piciorului	Univ. Tehnică “Gh. Asachi” Iași	41-064 / 2007 SIMSANO	300.000	Dr. Emil Buruiană	0					0
14	Materiale hibride nanostructurate pentru senzori cu potențial de utilizare în terapie și diagnostic	INCD Metale Neferoa- se și Rare	71-094 / 2007 HINAMASE NS	250.000	Dr. Tinca Buruiană	15.000					15.000
15	Consolidarea de urgență postseism a structurilor grav avariate, utilizând	INCD Construcții și	31-079 / 2007	510.000	Dr. Maria Cazacu	40.000					40.000

	materiale noi de injecție, produse în România	Ec.Constr.-Buc.	SEISMINJECT								
16	Modelare și conducere automată utilizând instrumente ale inteligenței artificiale pentru aplicații în chimie și inginerie de proces	Univ. Tehnică “Gh. Asachi” Iași	71-006 / 2007 INTELCHIM	250.000	Dr. Maria Cazacu	10.000					10.000
17	Investigarea, monitorizarea și decontaminarea chimică și (micro)biologică a poluanților organici majori de tipul dinitrofenol-derivaților din mediul ambiant	Centrul de Biotehnologii Microbiene București	31-017 / 2007 BIONITROFEN	300.000	Dr. Elena Rusu	20.000					20.000
18	Sisteme mezomorfe cromogen polimerice organizate în arhitecturi supramoleculare pentru suprafețe inteligente cu proprietăți controlabile	ICECHIM București	71-092 / 2007 CLICOPOL	100.000	Dr. Călin Deleanu	0					0
19	Cercetări privind înlocuirea totală sau parțială a materialelor cu toxicitate recunoscută utilizate în prelucrarea pieilor naturale, în vederea prevenirii poluării mediului	INCD Textile Pielărie- Buc.	71-033 / 2007 ECOPEL	100.000	Dr. Ghiocel Ioanid	20.000					20.000
TOTAL				5.605.000		323.400					323.400

PROIECTE PLAN NATIONAL II - Idei

Nr. crt.	Denumire proiect	Nr. contr. / Acronim	Valoare totală contract	Director proiect	Total val. perioadă din care:	2003	2004	2005	2006	2007
1	Noi materiale inteligente, multiresponsive cu aplicații în medicină și farmacie și industrie	17 / 2007 ID-238	1.000.000	Dr. Cornelia Vasile	100.000					100.000
2	Compuși siloxanici ca precursori pentru nanomateriale	5 / 2007 ID-233	750.000	Dr. Carmen Racleş	65.000					65.000
3	Dezvoltarea de noi fotopolimeri și nanocompozite hibride pentru aplicații dirijate. Abordarea fundamentală a (foto)chimiei și fotofizicii materialelor sintetizate în interacție cu radiația luminoasă	7 / 2007 ID-236	1.000.000	Dr. Emil Buruiană	100.000					100.000
TOTAL			2.750.000		265.000					265.000

PROIECTE PLAN NATIONAL II - Capacitati

Nr. crt.	Denumire proiect	Nr. contr. / Acronim	Valoare totală contract	Director proiect	Total val. perioadă din care:	2003	2004	2005	2006	2007
1	Tehnici și metode instrumentale moderne de analiză chimică	132 / 2007 MIMTECA	2.000.000	Dr. Aurica Chiriac	5.000					5.000
2	Laborator pentru studiul fotochimiei polimerilor cu ajutorul laserilor excimeri	83 / 2007 LASERLAB	2.000.000	Dr. Mihaela Olaru	500.000					500.000
TOTAL			4.000.000		505.000					505.000

PROIECTE PLAN NATIONAL II - TD

Nr. crt.	Denumire proiect	Nr. contr. / Acronim	Valoare totală contract	Director proiect	Total val. perioadă din care:	2003	2004	2005	2006	2007
1	Biodegradarea unor sisteme polimere binare și complexe	506 / 2007 TD-96	32.100	Dumitriu Raluca	5.350					5.350
2	Procese fotochimice în polimeri. Fotoreticularea	163 / 2007 TD-97	21.402	Avădănei Mihaela	5.349					5.349

	polimerilor			Iuliana						
3	Soluții combinate pentru compatibilizarea sistemelor complexe și valorificarea deșeurilor polimere	219 / 2007 TD-546	14.540	Darie Raluca Nicoleta	7.270					7.270
4	Termodinamica și morfologia unor structuri polimere complexe	488 / 2007 TD- 547	41.197	Coșuțchi Andreea Irina	7.270					7.270
5	Conformația polimerilor în soluție sub influența solventului, concentrației și temperaturii	489 / 2007 TD-548	41.197	Filimon Anca	7.270					7.270
6	Studiul termodinamic al sistemelor polimere cu structuri speciale (polizaharide/polimer sintetic)	499 / 2007 TD-549	36.350	Răschip Irina Elena	7.270					7.270
7	Polimeri electroactivi cu înaltă solubilitate și prelucrabilitate-sinteza și caracterizare	221 / 2007 TD-550	29.080	Mercore (Teodor) Viorela Mihaela	7.270					7.270
TOTAL			215.866		47.049					47.049

PROIECTE GRANT
Autoritatea contractanta: ACADEMIA ROMÂNĂ

lei

Nr. crt.	Denumire proiect	Nr. contract	Valoare totală contract	Director proiect	Total val. perioadă din care:	2003	2004	2005	2006	2007
2	Structuri moleculare cu caracteristici magnetice	53 / 2003 50 / 2004	8.000	Dr. Aurica Chiriac	8.000	4.000	4.000			
3	Structuri complexe pe bază de ciclodextrine și polisiloxani modificați	52 / 2003 49 / 2004	8.000	Dr. Aurica Farcaș	8.000	4.000	4.000			
4	Proprietăți fizico-mecanice la noii elastomeri poliuretani și alți polimeri pe bază de izocianați, cu structuri complexe	51 / 2003 48 / 2004	5.800	Dr. Cristina Prisacariu	5.800	2.900	2.900			
5	Structuri polimerice siloxan-organice	50 / 2003		Dr. Maria						

	degradabile hidrolitic, pentru aplicații biomedicale	47 / 2004	6.600	Cazacu	6.600	3.300	3.300			
6	Proiectarea și utilizarea de noi mezogeni polimerizabili în obținerea poliacriilaților ionici cu posibile proprietăți de cristale lichide. Efectul combinării grupărilor mezogene cu molecule cromofore asupra comportării mezofazei	46 / 2003 43 / 2004	10.000	Dr. Tinca Buruiană	10.000	5.000	5.000			
7	Copolimeri alternanți pentru materiale optice cu înalt potențial aplicativ	40 / 2005 36 / 2006	7.900	Dr. Camelia Hulubei	7.900			3.700	4.200	
8	Polimeri funcționali cu grupe maleimidice reactive cu aplicații biomedicale	44 / 2005 40 / 2006	7.800	Dr. Constantin Găină	7.800			3.600	4.200	
9	Mobilitatea locală intramoleculară a segmentelor dure și consecințele acesteia asupra apariției cristalinității și a structurilor microcompozite la materiale poliuretane.	45 / 2005 41 / 2006	11.900	Dr. Cristina Prisacariu	11.900			4.400	7.500	
10	Reologia fluidelor complexe	37 / 2005 33 / 2006	6.750	Dr. Maria Bercea	6.750			3.600	3.150	
11	Biomateriale poliuretane cu aplicatii in medicina. Biocompatibilitate si raspuns tisular-interactiuni ale implantului poliuretanice in sistemul fiziologic	56 / 2007	12.500	Dr. Doina Macocinschi	12.500					12.500
	T O T A L		90.939		85.250	19.200	19.200	15.300	19.050	12.500

PROIECTE AMTRANS
Autoritatea contractanta: INCERC București

lei

Nr. crt.	Denumire proiect	Nr. contr.	Valoare totală contract	Director proiect	Total val. perioadă din care:	2003	2004	2005	2006	2007
1	Izolatori seismici pasivi pentru clădiri și aparate de reazem pentru poduri căi CF și rutiere, din materiale poliuretane noi	7B01/2004 Subcontr. IPA-SA Iași	79.000	Dr. Ștefan Oprea	79.000		5.900	27.400	45.700	
	T O T A L		79.000		79.000		5.900	27.400	45.700	

PROIECTE BIOTECH
Autoritatea contractanta : ICCF București

lei

Nr. crt.	Denumire proiect	Nr. contr.	Valoare totală contract	Director proiect	Total val. perioadă din care:	2003	2004	2005	2006	2007
1	Biosinteza, izolarea și purificarea industrială a unui polizaharid de tip Pullulan și obținerea unor derivați ai acestora cu utilizări biomedicale	01-ICPV-084 / 2001	90.000	Dr. Georgeta Mocanu	60.000	30.000	30.000			
2	Realizarea unei game de produse cosmetice folosind un polizaharid cu acțiune nutritivă și pelculogenă realizată în țară, în asociere cu extracte fitoterapeutice	4722/ 2004	30.000	Dr. Georgeta Mocanu	30.000		0	15.000	15.000	
3	Produse și tehnologii pentru protecția (conservarea) obiectelor de patrimoniu împotriva agenților biologici dăunători (microorganisme)	04-PP-1076/ 2004 Subcontr. ICECHIM	24.000	Dr. Oana Petreuş	24.000		0	16.000	8.000	
TOTAL			144.000		114.000	30.000	30.000	31.000	23.000	

PROIECTE CEEX

lei

Nr. crt.	Denumire proiect	Beneficiar	Nr. contr. / Acronim	Valoare totală contract	Director proiect	Total val. perioadă din care:	2003	2004	2005	2006	2007
1	Rețea științifică integrată pentru dezvoltarea materialelor polimere multifuncționale bazate pe cunoaștere	Universitatea Politehnică București	40/2005 MULTIPOL Coord. I.P.Poni	480.000	Dr. Valeria Harabagiu	441.300			175.000	103.200	163.100
2	Arhitecturi inovative degradabile, biocompatibile și bioactive pe	Academia de Științe	10/2005 IDEABIPOL Coord. I.P.Poni	630.000	Dr. Cornelia	505.000			30.000	275.000	200.000

	bază de polimeri naturali și sintetici	Medicale București			Vasile						
3	Forme polimorfe și încapsularea substanțelor bioactive în ciclodextrine pentru îmbunătățirea calității medicamentelor	INCD Tehn. Izotopice și Moleculare Cluj-Napoca	7/2005 CALIMED	74.000	Dr. Mariana Pinteală	74.000			33.000	41.000	0
4	Materiale magnetostrictive multifuncționale pentru sisteme hibride inteligente de senzori, actuatori și traductori	INCD Fizică Tehnică Iași	34/2005 MAGSAT	120.000	Dr. Valeria Harabagiu	95.000			25.000	70.000	0
5	Materiale din cauciuc obținute prin metode noi, complexe de reticulare și grefare a elastomerilor prin iradiere cu electroni accelerați și microunde în prezență de monomeri polifuncționali	INCD Fizica Laserilor, Plasmei și Radiației-Buc. Măgurele	6112/2005 MCRGEEAMU	50.000	Dr. Anton Airinei	20.000				10.000	10.000
6	Nanomateriale și adezivi noi cu aplicații de înaltă performanță în medicină	Institutul de Chimie "Raluca Ripan" Cluj-Napoca	1306/2005 NANMED	250.000	Dr. E.mil Buruiană	250.000			70.000	50.000	130.000
7	Tehnologii de epurare avansată pentru recircularea efluenților industriali	Universitatea Tehnică "Gh. Asachi" Iași	62/2005 RIWA-TECH	78.958	Dr. Stela Drăgan	67.597			3.163	48.415	16.019
8	Materiale micro și nanostructurate pentru producții noi în construcții, siguranța alimentară și bioinginerie	Universitatea Politehnică București	3777/2005 MAMINAS	60.000	Dr. Cornelia Vasile	55.000			5.000	20.000	30.000
9	Rețea de cercetare integrată pentru nanomedicină (nanobiotehnologie pentru sănătate)	IMT București	42/2005 RONANOMED	112.000	Dr. Gabrielle Chițanu	92.000			9.000	41.000	42.000
10	Noi nanocompozite multifuncționale pe bază de argile anionice mezoporoase, cu aplicații multidisciplinare	INCD pt. Fizică Tehnică IFT Iași	14/2005 NANOAGMA M	120.000	Dr. Gabrielle Chițanu	100.000			7.500	72.500	20.000
11	Rețea tehnologică integrată de cercetare a structurilor avansate biocompatibile pentru implanturi dentare	INCD pt. Metale Neferoase și Rare București	46/2005 RETE-B-DENT	170.600	Dr. Gabrielle Chițanu	144.800			34.800	90.000	20.000
12	Tehnologii integrate pentru	ICECHIM	16/2005		Dr.	219.000			45.000	105.000	69.000

	obținerea de biocompozite nanostructurate cu aplicații în medicina regenerativă a țesutului osos	București	TECOREMED	219.000	Gabrielle Chițanu						
13	Materiale alternative multi-funcționale cu cost scăzut, pentru pile de combustie cu electrolit polimer ce operează la temperaturi mai mari de 180 grade Celsius	INC DIE ICPE-CA București	88/2005 ALTMAT- HT- PEMFC	225.000	Dr. Gabrielle Chițanu	225.000			25.000	130.000	70.000
14	Microsisteme integrate de tip RF MEMS realizate pe siliciu, galiu-arsen și semiconduc-tori de bandă largă pentru aplicații în domeniul comunicațiilor avansate	IMT București	29/2005 ACOMEMS	100.000	Dr. Maria Brumă	80.000			20.000	30.000	30.000
15	Materiale avansate multifuncționale dopate cu nanopulberi de argint	INC DIE ICPE-CA București	26/2005 NACOLAG	325.000	Dr. Constanti n Ciobanu	225.000				100.000	125.000
16	Nanostructuri macrociclice de tip coronand prin metode convenționale și neconvenționale	Universitatea “Al. I. Cuza” Iași	5602/2005 NMCMCN	150.000	Dr. Liviu Săcărescu	100.000			20.000	30.000	50.000
17	Materiale compozite nanostructurate polimerice cu utilizare în monitorizarea mediului	INC DIE ICPE-CA București	10/2005 NANOPOL	270.000	Dr. Maria Cazacu	195.000			13.000	85.000	97.000
18	Biomasă vegetală utilizată pentru obținerea unor substanțe chimice în vederea realizării unui produs fitoterapeutic cu acțiune asupra sistemului nervos central și transferul tehnologic al bioprocesului	Institutul de Inginerie, Biotehnolog. și Protecția Mediului București	3/2005 NEUROVEG	142.000	Dr. Iuliana Spiridon	112.000			28.400	43.600	40.000
19	Caracterizarea unor principii bioactive de origine vegetală și fungică, cu acțiune citostatică, imunomodulatoare, metabolică și neurotropă și valorificarea lor în alimentația funcțională	Universitatea de Științe Agronomice și Medicină Veterinară București	15/2005 BIOPRACT	95.000	Dr. Iuliana Spiridon	95.000			20.000	35.000	40.000
20	Biomateriale polimere avansate cu	Universitatea	9/2005		Dr.	260.000			25.000	130.000	105.000

	structură și proprietăți dirijate, cu aplicații în industria farmaceutică și alimentară	Tehnică “Gh. Asachi” Iași	POLFARMAL	375.000	Marieta Nichifor						
21	Realizarea de biopolimeri matriceali naturali multifuncționali pentru biocompatibilizarea polimerilor sintetici destinați utilizării medicale	INCD Științe Biologice București	4/2005 BIOCOMPOL	80.000	Dr. Cornelia Vasile	80.000			0	60.000	20.000
22	Obținerea, caracterizarea fizico-chimică și biologică a unor biopreparate glicozid-steroidice de origine vegetală	Universitatea “Al. I. Cuza” Iași	49/2005 GLICOBIOACT	300.000	Dr. Marieta Nichifor	200.000				100.000	100.000
23	Rețea de servicii științifice de structurare și caracterizare la scară nanometrică, cu aplicații în dezvoltarea de tehnologii convergente	IMT București	6111/ 2005 NANO-SCALE CONV	80.000	Dr. Daniel Țîmpu	60.000			5.000	15.000	40.000
24	Utilizarea unor biomarkeri morfologici, structurali, ultrastructurali și biochimici în evaluarea impactului antropoc asupra biodiversității din Parcul Național Ceahlău și zona limitrofă	Universitatea “Al. I. Cuza” Iași	640/2005 BIODIVMARK	71.236	Dr. Ghiocel Ioanid	61.186			6.072	4.200	50.914
25	Cercetări avansate pentru analiza și caracterizarea nanostructurilor	Asociația de acreditare din România RENAR	275 / 2006 ARCAN	800.000	Dr. Chiriac Aurica	800.000				500.000	300.000
26	Laborator de evaluare și certificare a calității materialelor polimere din/pentru ambalaje	Asociația de acreditare din România RENAR	276 / 2006 CERPOL	800.000	Dr. Spiridon Iuliana	800.000				500.000	300.000
27	Materiale siliconice nanostructurate multifuncționale	Universitatea Politehnică București	52 / 2006 NANOSIMAT Coord. I.P.Poni	450.000	Dr. Cazacu Maria	218.860				29.900	188.960
28	Cercetări multidisciplinare pentru stabilirea mecanismelor de	Institutul Național	34 / 2006 PERGAMO	60.000	Dr. Ioanid Aurelia	20.000				0	20.000

	deteriorare a documentelor istorice și culturale din pergament	de Cerc.-Dezv. Textile-Pielărie, Suc. ICPI – Buc.									
29	Obținerea unor tulpini submerse de claviceps purpurea cu preferențială și înaltă capacitate glucanosintetică și stabilirea domeniilor de valorificare biomedicală a unor preparate glucanice autohtone	Institutul de Cercetări Biologice Iași	110 / 2006 CLAVIGLUC	100.000	Dr. Spiridon Iuliana	36.000				10.000	26.000
30	Materiale hibride obținute prin grefarea complexilor metalici pe suporti funcționalizați și aplicațiile lor în oxidări biomimetice	Universitatea Politehnică București- Fac. Chimie Ind.	50 / 2006 MATBIOMIMO X	210.000	Dr. Drăgan Stela	70.000				20.000	50.000
31	Cercetări privind decolorarea unor soluții de coloranți prin noi procedee oxidative, microbiologice și de sorbție în scopul reabilitării și recirculării apelor uzate din industria textilă	Universitatea “Al. I. Cuza” Iași	730 / 2006 COLODEC	250.000	Dr. Bunia Ion	105.175				16.500	88.675
32	Biosinteza, modificarea chimică, caracterizarea analitică și imunologică a unor polizaharide micro și nanostructurate, utilizabile ca adjuvanți pentru noi generații de vaccinuri	Institutul Național de Cerc.-Dezv. Chimico-Farmaceutică București	66 / 2006 IMUNOBIOPO L	300.000	Dr. Mocanu Georgeta	80.000				30.000	50.000
33	Controlul interacției celulelor umane și bacteriene cu suprafețele nanostructurate: strategii pentru realizarea de biosuprafețe “inteligente”	Centrul Internațional de Biodinamică București	199 / 2006 NANOINT	225.000	Dr. Fundueanu Ghe.	74.000				20.000	54.000
34	Noi biocompozite ionomere bazate pe acizi polialchenoici modificați cu rășini și sticle superficial active cu aplicații multiple în medicină	Institutul de Cerc. în Chimie “Raluca Ripan” Cluj-Napoca	132 / 2006 IONPOL	200.000	Dr. Buruiană Tinca	60.000				10.000	50.000

35	Administrarea dirijată de medicamente prin nanostructuri procesate prin tehnici laser pulsate avansate	INCD pentru Fizica Laserilor, Plasmei și Radiațiilor București	60 / 2006 MEDINANOLA S	200.000	Dr. Buruiană Tinca	77.741				26.360	51.381
36	Biocompozite avansate bazate pe noi sisteme de monomeri armați cu nanoparticule și fibre de sticlă cu aplicabilitate în stomatologie	Institutul de Cerc. în Chimie “Raluca Ripan” Cluj-Napoca	504 / 2006 MULTI STOM	200.000	Dr. Buruiană Emil	40.000				10.000	30.000
37	Tehnologie multifuncțională integrată pentru conservarea patrimoniului cultural național	Universitatea Politehnică București- Fac. Chimie Ind.	54 / 2006 MITECH Coord. I.P.Poni	510.000	Dr. Ioanid Ghiocel	215.090				42.160	172.930
38	Noi materiale semiconductoare nanostructurate cu posibile aplicații în realizarea de senzori solizi de gaze și vapori pentru protecția mediului	Institutul Național de Cerc.-Dezv. pt. Fizică Tehnică Iași	2-Ceex-11- 51-3 / 2006 NMSNSGV	60.000	Dr. Grigoraș Mircea	20.000				0	20.000
39	Rețea tehnologică destinată integrării României în Platforma Europeană de NANOElectronică (ENIAC)	IMT – București	6425 / 2006 RTN – NANOEL	110.000	Dr. Țîmpu Daniel	53.500				25.000	28.500
40	Compozite polimerice sustenabile pentru îmbunătățirea calității vieții	Universitatea “Ovidius” Constanța	57 / 2006 SUSCOMP	54.930	Dr. Ciobanu C-tin	54.930				34.380	20.550
41	Adaptare de secvențe de pulsuri și interconectare națională a laboratoarelor de spectroscopie RMN supraconductoare	Centrul de Chimie Organică “C.D. Nenițescu” București	2 / 2006 NMRSTAR	340.000	Dr. Bogdan C. Simionescu	174.000				42.000	132.000
42	Prepararea și caracterizarea unor straturi subțiri semiconductoare nano- structurate utilizate la confecționarea modulelor	Universitatea “Al. I. Cuza” Iași	89 / 2006 PRECASS	150.000	Dr. Airinei Anton	99.300				75.120	24.180

	fotovoltaice										
43	Textile cu eliberare controlată a medicamentelor în tratamentul unor afecțiuni dermatologice	Universitatea Tehnică "Gh. Asachi" Iași	192 / 2006 DERMACTIVT EX	500.000	Dr. Nichifor Marieta	160.000				110.000	50.000
44	Reconstrucția ecologică prin procedee de micoremediere a solurilor degradate de activitățile miniere	Universitatea "Al. I. Cuza" Iași	4001 / 2006 RECOSOL	90.000	Dr. Ioanid Aurelia	71.181				19.311	51.870
45	Nanomateriale UV fotoreticulabile, multifuncționale cu proprietăți speciale, pentru aplicații decorative și dentare	S.C. ICPAO S.A. Mediaș	87 / 2006 UVNANOMAT	90.000	Dr. Hamciuc Viorica	48.000				10.000	38.000
46	Sinteza și studiul unor materiale polimere cu proprietăți speciale pentru aplicații în nanotehnologii electronice și optoelectronice	UEFISCSU	5914 / 2006 ET - cod 32	140.000	Dr. Dămăceanu Mariana Dana	90.000				27.000	63.000
47	Noi materiale și aplicații pentru modernizarea infrastructurilor din transporturi în vederea reducerii nivelului de vibrații și zgomot pentru liniile de cale ferată, terane și subterane	Universitatea Tehnică de Construcții București	X2C29 / 2006I NFRAMAT	335.000	Dr. Oprea Ștefan	126.408				15.518	110.890
48	Lignina – sursă de materii prime pentru combustibili neconvenționali, energie, produse chimice și materiale performante în condițiile dezvoltării durabile	Universitatea Politehnică București – Fac. Chimie Ind.	102 / 2006 LIGNOMAT Coord. I.P.Poni	520.000	Dr. Cazacu Georgeta	241.849				104.528	137.321
49	Noi componente și sisteme nanoelectromecanice pe bază de materiale polimere pentru actuatori și manipulatori	INCDIE ICPE – CA București	97 / 2006 CONAPO	350.000	Dr. Hamciuc Elena	146.580				20.000	126.580
50	Fundamentarea sinergiei dirijate a nano-microcomponentelor integrate în materiale textile compozite, în scopul asigurării unor funcții inteligente a echipamentelor de protecție pentru medii agresive	Universitatea Tehnică "Gh. Asachi" Iași	105 / 2006 EPINTEL	150.000	Dr. Cianga Luminița	67.000				10.000	57.000
51	Cercetări exploratorii privind	Universitatea	106 / 2006	220.000	Dr.	151.500				0	151.500

	crearea și dezvoltarea interfeței consumator-produs de încălțăminte în vederea realizării rapide a prototipurilor	Tehnică “Gh. Asachi” Iași	EXPLORVIRT		Buruiană Emil						
52	Dezvoltarea capacității de integrare a României în cadrul programelor, platformelor și rețelelor europene în domeniul obținerii de biocompozite cu aplicații multidisciplinare	Universitatea Tehnică “Gh. Asachi” Iași	179 / 2006 BCM-NET	30.000	Dr. Cazacu Georgeta	21.000				7.500	13.500
53	Materiale multifuncționale pentru conversia eficientă a energiei solare în energie termică	Universitatea Transilvania Brașov	277 / 2006 MATSOL-T	120.000	Dr. Chițanu Gabrielle	51.000				21.000	30.000
54	Sisteme azopolimerice nanostructurate cu aplicații în microelectronică și biologie	Universitatea Tehnică “Gh. Asachi” Iași	979 / 2006 AZONANO	390.000	Dr. Săcărescu Liviu	182.000				52.000	130.000
55	Cercetări privind obținerea unor combustibili și materii prime din surse regenerabile	Universitatea Tehnică Cluj – Napoca	761 / 2006 COMBREG	350.000	Dr. Vasile Cornelia	224.000				80.000	144.000
56	Nanoconjugate ale ciclodextrinelor cu eliberare controlată de principii active anti-HIV și antimicotice	Institutul de Fizică Atomică Măgurele	2Cex06-11-106 / 2006 CICLOMED Coord I.P.Poni	780.000	Dr. Pintea Mariana	440.340				150.340	290.000
57	Noi sisteme nano- structurate utilizate pentru eliberarea controlată a agenților farmacologici – Nanocofarm	Universitatea Tehnică “Gh. Asachi” Iași	980 / 2006 NANOCOFAR M	200.000	Dr. Ciola Diana	120.000				60.000	60.000
58	Microstructuri polimerice avansate, multifuncționale, cu conținut variabil de elastomer și mase plastice	IINCD Textile-Pielărie,– Buc	88 / 2006 MICROSTRUC T	90.000	Dr. Ioanid Ghiocel	45.000				20.000	25.000
59	Valorificarea polietilen-tereftalatului și a altor polimeri secundari în repere de tip compozit și nanocompozit, cu viață medie și lungă	ICECHIM București	47 / 2006 EUREKA E!3523	70.000	Dr. Vasile Cornelia	27.500				7.500	20.000

TOTAL	14.022.724		8.968.838			599.936	3.795.032	4.573.870
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PROIECTE CERES
Autoritatea contractanta: IFA București

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Nr. crt.	Denumire proiect	Nr. contract	Valoare totală contract	Director proiect	Total val. perioadă din care:	2003	2004	2005	2006	2007
1	Noi rețele macromoleculare interpenetrante. Procese, mecanisme, proprietăți, aplicații	Titular proiect 131 / 2001	128.625	Dr. Valeria Harabagiu	86.658	28.125	58.533			
2	Noi sisteme chimico-mecanice bazate pe hidrogeluri polimerice sensibile la stimuli exteriori	Titular proiect 132 / 2001	44.000	Dr. Marieta Nichifor	27.620	8.000	19.620			
3	Filme de polimeri conjugate pentru aplicații în dispozitive opto-electrice și senzori chimici	Titular proiect 150 / 2001	24.000	Dr. Virgil Bărboiu	13.400	5.500	7.900			
4	Contribuții la studiul polimerizării radicalice a stirenului prin modelare, simulare pe calculator și optimizare	47 / 2001 Subcontr. UTI	13.500	Dr. Simona Morariu	3.752	2.000	1.752			
5	Cercetări privind proprietățile hidro-dinamice și structura paturilor fluidizate stabilizate magnetic	5 / 2001 Subcontr. IFTI 2 / 2001	12.600	Loredana Niță	7.600	3.200	4.400			
6	Polimeri cu arhitecturi speciale: sinteză ,caracterizare, proprietăți, noi domenii de utilizare	Titular proiect 69 / 2002 Aa 2 / 2003	161.307	Dr. Silvia Ioan	161.307	90.023	71.284			
7	Materiale polimere multifazice-biodegradabile, biocompatibile, biologic active, sisteme motile artificiale, cu aplicații în medicină și pentru asigurarea protecției mediului	3-51 / 2003 Subcontr. UTI	23.053	Dr. Mariana Pinteală	23.053	4.653	5.700	12.700		
8	Studiul ionului metalic în matrici polimerice nanostructurate multifuncționale	Titular proiect 3-126 / 2003	28.340	Dr. Constantin Ciobanu	28.340	0	9.810	18.530		

9	Sisteme polimere purtătoare de principii biologice active (medicamente și enzime)	3-49 / 2003 Subcontr. UTI 132 / 2003	35.039	Dr. Cornelia Luca	35.039	6.500	6.848	21.691		
10	Cercetări privind îmbogățirea izotopului 235 U prin schimb isotopic pe rășini schimbătoare de ioni	3-78 / 2003 Subcontr. INCDTIM Cluj	10.900	Dr. Stela Drăgan	10.900		10.900			
11	Fluorofori polimerici pentru aplicații de senzori. Preparare, proprietăți, evaluarea limitei de detecție, studiu de nanostructurare	Titular proiect 4-159 / 2004	95.000	Dr. Emil Buruiană	95.000		11.000	30.401	53.599	
12	Acoperiri nanostructurate de biopolimeri obținute prin evaporare laser pulsată asistată de o matrice pentru aplicații în industria farmaceutică	4-178 / 2004 Subcontr. INFLPR Buc. 1957 / 2004	12.500	Dr. Tincea Buruiană	12.500		3.200	5.900	3.400	
13	Cercetări aplicative în domeniul biostructurilor magnetice	Titular proiect 4-133 / 2004	50.000	Dr. Aurica Chiriac	50.000		16.000	17.000	17.000	
14	Utilizarea rețelelor neuronale și a algoritmilor genetici în ingineria reacțiilor de polimerizare. Aplicații la modelarea și optimizarea sintezei polisiloxanilor	4-22 / 2004 Subcontr. UTI	50.000	Dr. Maria Cazacu	50.000		7.000	23.000	20.000	
15	Cercetări privind aplicații speciale ale unor materiale magnetice oxidice cu particule de dimensiuni nanometrice	Subcontr.IFTI 1879 / 2003	4.725	Dr. Nicolae Voiculescu	4.725		2.000	2.725		
16	Studii privind captarea și devierea magnetică a particulelor magnetice în sistemul circulator uman	Subcontr.IFTI 1 / 2004	23.000	Loredana Niță	23.000		8.000	0	15.000	
17	Noi derivați de lignină, sinteza, caracterizarea, proprietăți, domenii de aplicații	Titular proiect 4-250 / 2004	82.500	Dr. Georgeta Cazacu	82.500		15.000	13.500	54.000	
T O T A L			799.089		715.394	148.001	258.947	145.447	162.999	

PROIECTE CNCSIS
Autoritatea contractanta: Agenția Națională pentru Cercetare Științifică

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Nr. crt.	Denumire proiect	Nr. contr. / Cod	Valoare totală contract	Director proiect	Total val. perioadă din care:	2003	2004	2005	2006	2007
1	Materiale compozite cu matrici polimerice termoplastice	33527/ 03 32952/ 04 80	13.530	Dr. N. Tudorachi	13.530	5.130	8.400			
2	Polimeri performanți prin reacții de policondensare directă	33527/ 03 32952/ 04 75	16.030	Dr. C. Chiriac	16.030	6.030	10.000			
3	Noi aplicații ale metodelor de polimerizare controlată în obținerea de materiale polimerice cu arhitecturi și proprietăți speciale	33527/ 03 32952/ 04 76	15.130	Dr. I. Cianga	15.130	5.130	10.000			
4	Polisulfoane aromatice cu proprietăți de cristale lichide termotrope	33527/ 03 814	4.320	Dr. V. Cozan	4.320	4.320				
5	Structuri macromoleculare complexe cu unități siloxanice. Proprietăți și utilizări speciale	33527/ 03 32952/ 04 78	15.930	Dr. M. Pinteală	15.930	5.130	10.800			
6	Compuși organici mic- și macro-moleculari cu aplicații în obținerea materialelor fotosensibile	33527/ 03 32952/ 04 79	13.130	Dr. E.. Rusu	13.130	5.130	8.000			
7	Evidențierea și controlul interacțiunilor intermoleculare în sisteme polimerice complexe	33527/ 03 396	3.060	Dr. M. Brebu	3.060	3.060				
8	Complecși interpolimerici pe bază de legături de hidrogen utilizați în formulări pentru eliberarea contro- lată sau/și la țintă de medicamente	33527/ 03 32952/ 04 403	9.285	Dr. G. Bumbu	9.285	3.285	6.000			
25	Compatibilizarea reactivă a unor sisteme complexe de polimeri	33527/ 03 32952/ 04 404	9.060	R. Darie	9.060	3.060	6.000			
26	Polimerizarea radicală cu transfer de atom, ca mijloc modern în sinteza de noi polimeri electroactivi solubili cu aplicații în microelectronică	33527/ 03 397	3.150	V. Mercore	3.150	3.150				

27	Cercetări experimentale privind efectele câmpului magnetic în sinteza și modificarea unor arhitecturi polimerice cu potențiale aplicații biotehnologice și medicale	33527/ 03 32952/ 04 402	9.060	L. Niță	9.060	3.060	6.000			
28	Noi materiale polimerice funcționale din resurse regenerabile	33527/ 03 32952/ 04 401	10.350	Dr. M. Suflet	10.350	3.150	7.200			
29	Aspecte teoretice și experimentale privind interacțiunile polimer- solvent	33527/ 03 32952/ 04 A34670/ 05 918	29.100	Dr. M. Bercea	29.100	4.300	10.800	14.000		
30	O nouă clasă de materiale din resurse regenerabile	33527/ 03 32952/04 A34670/ 05 925	40.000	Dr. G. Cazacu	40.000	4.000	20.000	16.000		
31	Noi structuri complexe polimer-metal care conțin siloxani. Strategii de sinteză, caracterizare, aplicații	33527/ 03 32952/ 04 A34670/ 05 920	36.300	Dr. M. Cazacu	36.300	5.900	14.400	16.000		
32	Chimia supramoleculară a soluțiilor de polielectroliți și biopolielectroliți	33527/ 03 32952/ 04 A34670/ 05 919	44.500	Dr. G.C. Chițanu	44.500	7.700	16.800	20.000		
33	Polimeri triazenici pentru aplicații în microlitografie sinteză caracterizare ablație laser / UV studiu de micro/nanostructurare	32952/ 04 A34670/ 05 GR158/ 06 240	48.000	Dr. E. Buruiană	48.000		12.000	16.000	20.000	
34	Nanoinginerie aplicată la obținerea unor materiale reactive cu arhitectură controlată	32952/ 04 A34670/ 05 GR158/ 06 242	39.400	Dr. S. Drăgan	39.400		11.400	16.000	12.000	
35	Poliesteri siloxanici cu proprietăți optice multiple	32952 / 04 A34670/ 05 GR158/ 06 236	41.400	Dr. Carmen Racleş	41.400		10.200	12.000	19.200	
36	Rețele polimerice cu proprietăți speciale pe bază de rășini epoxi cu structuri prestabilite. Obținere și caracterizare	32952/ 04 A34670/ 05 27	15.300	Dr. Liliana Roșu	15.300		5.300	10.000		

37	Liofilizator pentru purificarea avansată a polimerilor hidrosolubili naturali și sintetici în scopul caracterizării și aplicării în domeniul biomedical	32952/ 04 43	50.000	Dr. Gabrielle Chițanu	50.000		50.000			
38	Reactivitatea azidelor aromatice. Studii teoretice și aplicații	27682/ 05 GR158/ 06 1564	60.000	Dr. Anton Airinei	37.000			13.000	24.000	23.000
39	Polimeri heterociclici, prelucrabili la scară nanometrică, pentru aplicații în tehnologii avansate (microelectronică, telecomunicații, stocarea datelor)	27682/ 05 GR158/ 06 913	49.600	Dr. Corneliu Hamciuc	33.600			16.000	17.600	16.000
40	Structuri multifuncționale din mono- și diterpenoide reactive, precursori în sinteze de noi polim.	27682/ 05 GR158/ 06 923	48.000	Dr. Elena Rusu	48.000			16.000	16.000	16.000
41	Noi direcții în domeniul structurilor Magnetice	27682/ 05 GR158/ 06 921	78.000	Dr. Aurica Chiriac	78.000			18.000	20.000	40.000
42	Compozite rășini ester vinilice – produși naturali (terebentina) cu aplicații speciale. Sinteză, caracterizare, utilizare	27682/ 05 GR158/ 06 927	60.000	Dr. Dan Roșu	60.000			15.000	20.000	25.000
43	Nanomateriale, interacțiuni supramoleculare în sisteme polimerice și hibrizi organici-anorganici: aspecte fundamentale, mecanisme, metode	55GR/ 06 1431	151.100	Dr. Valeria Harabagiu	151.100				58.000	93.100
44	Auto-asamblări sau asamblări mixte la scară nanometrică ale sistemelor care conțin polielectroliți amfifili în soluții diluate, concentrate sau geluri	55GR/ 06 303	70.000	Dr. Marieta Nichifor	70.000				40.000	30.000
45	Nanoconjugate multifuncționale pentru sinteza combinatorială și nanometrică	55GR/ 06 308	159.000	Dr. Mariana Pinteală	159.000				59.000	100.000
46	Noi rețele polizaharidice, corelația structură-morfologie-proprietăți-aplicații	GR213/ 06 305	75.000	Dr. Diana Ciolacu	75.000				35.000	40.000
47	Nanocompozite de tip poliamidic cu proprietăți electro și termoconductoare, obținute in situ via polimerizarea anionică a lactamelor în prezența nanoparticulelor conductoare	GR213/ 06 307	57.000	Dr. Gheorghe Rusu	57.000				27.000	30.000
48	Evaluarea stabilității fizice, chimice și biochimice a unor noi poliuretani cu potențiale aplicații medicale	GR76/2007 cod 182	60.000	Dr. Stelian Vlad	60.000					60.000

49	Studiul comportării la îmbătrânire a lemnului și unor polimeri acrilici utilizați în realizarea și restaurarea operelor de artă	GR76/2007 cod 32 - TD	20.000	Popescu Carmen Mihaela	20.000					20.000
50	Noi cristale lichide pentru sisteme disperse nano și microstructurate	GR104/2007 cod 179	60.000	Dr. Vasile Cozan	60.000					60.000
51	Metode de preparare a unor polimeri funcționalizați cu meleimide pentru imobilizări de biomolecule	GR104/2007 cod 181	25.000	Dr. C-tin Găină	25.000					25.000
52	Comportarea nanomaterialelor pe bază de polimer/argilă în condiții statice și dinamice	GR104/2007 cod 183	50.000	Dr. Simona Morariu	50.000					50.000
53	Proprietăți ale unor polimeri cu arhitecturi speciale pentru aplicații biomedicale	GR104/2007 cod 178	100.000	Dr. Silvia Ioan	100.000					100.000
54	Nanocompozite pe bază de chitosan și derivați ai acestuia cu proprietăți speciale	GR104/2007 cod 31 - TD	20.000	Duncianu Cătălina Natalia	20.000					20.000
T O T A L			1.608.735		1.608.735	71.535	223.300	198.000	367.800	748.100

PROIECTE INVENT
Autoritatea contractanta: INMA Bucuresti

lei

Nr. crt.	Denumire proiect	Nr. contr.	Valoare totală contract	Director proiect	Total val. perioadă din care:	2003	2004	2005	2006	2007
1	Obținerea de pachete termosensibile pe bază de geluri de poliacrilamidă	131 / 2004	190.000	Dr. Aurica Chiriac	190.000		18.000	68.100	103.900	
	T O T A L		190.000		190.000		18.000	68.100	103.900	

PROIECTE MATNANTECH

Autoritatea contractanta:: Universitatea POLITEHNICA Bucuresti

lei

Nr. crt.	Denumire proiect	Nr. contr.	Valoare totală contract	Director proiect	Total val. perioadă din care:	2003	2004	2005	2006	2007
1	Compozite elastomerice binare și ternare cu structuri și morfologii controlate și proprietăți speciale destinate obținerii de dispozitive medicale	39 / 2001 (Subcontr. INCERPLA ST SA Buc.)	8.000	Dr. Cornelia Vasile	2.000	2.000				
2	Tehnologii de realizare a microsistemelor pentru comunicații bazate pe compuși AmBv și materiale poliimidice	81b / 2001	19.130	Dr. Maria Brumă	10.630	3.000	7.630			
3	Rețea de laboratoare de cercetare în domeniul nanotehnologiilor	85b / 2001	11.000	Dr. Daniel Țîmpu	6.000	3.000	3.000			
4	Rețea de laboratoare de cercetare în domeniul micro și nanobioingenieriei	68 / 2001	12.400	Dr. Marieta Nichifor	6.000	6.000				
5	Microsenzori chimici integrați pentru monitorizarea mediului	108 / 2001	4.000	Dr. Mircea Grigoraș	1.000	0	1.000			
6	Membrane selective din polimeri heterociclici cu structură de polioxadiazoli, poliimide și poliamide (Subcontr. CCMMM Buc.)	32 / 2001	9.000	Dr. Maria Brumă	4.000	4.000				
7	Noi materiale membranare pentru separări avansate. Sinteza de polimeri și copolimeri destinați preparării membranelor compozite (Subcontr. CCMMM SA Buc.)	31 / 2001	10.000	Dr. Cornelia Luca	4.000	4.000				
8	Noi materiale polimere multifuncționale pe bază de copolimeri maleici pentru bioaplicații și protecția mediului	C111(204)/ 2002	124.200	Dr. Gabrielle Chițanu	11.970	67.500	19.500	32.700		
9	Centru de cercetare în nanobiotehnologie (CENOBITE)	143 / 2002	50.000	Dr. Bogdan C. Simionescu	46.000	20.000	21.000	5.000		

10	Structuri supramoleculare rotaxanice : sinteză, spectroscopie RMN, aplicații biomedicale și în microelectronică	130 (303) / 2003	280.800	Dr. Valeria Harabagiu	280.800	150.000	92.650	38.150		
11	Tehnologii avansate pentru sinteza și procesarea pulberilor nanocompozite biocompatibile	C138 / 2003	55.000	Dr. Gabrielle Chițanu	55.000	4.000	25.000	26.000		
12	Centru de cercetare în nanotehnologie pentru noi materiale și procese de fabricație (NANOMATFAB)	152 / 2003	119.900	Dr. Bogdan C. Simionescu	119.900	19.865	35.482	64.553		
13	Arhitecturi polimerice de tip metal complex pentru materiale avansate multifuncționale (Subcontr. Universitatea Buc.)	1 / 2003	2.000	Dr. Constantin Ciobanu	2.000	2.000				
14	Filtre reconfigurabile pe siliciu pentru aplicații în unde milimetrice	244-1 / 2004	22.000	Dr. Maria Brumă	22.000		12.000		10.000	
15	Dispozitive cu undă acustică de suprafață și de volum pentru aplicații în biomedicină și monitorizarea poluării mediului	254(408) / 2004	6.000	Dr. Elena Hamciuc	6.000		3.000	3.000		
16	Biomateriale compozite avansate cu nanoumpluturi și polimeri uretanici utilizate în biomedicină (Subcontr. ICCRR Cluj-Napoca)	188(401) / 2004	30.000	Dr. Tinca Buruiană	30.000		10.000	10.000	10.000	
17	Biosenzor pentru detecția și monitorizarea unor xenobiotice (diuron) în efluenții instalațiilor de epurare biologică a apelor uzate	246 / 2004	15.000	Dr. Mircea Grigoraș	15.000			5.000	10.000	
TOTAL			778.430		730.030	285.365	230.262	184.403	30.000	

PROIECTE RELANSIN

lei

Nr. crt.	Denumire proiect	Nr. contr.	Valoare totală contract	Director proiect	Total val. perioadă din care:	2003	2004	2005	2006	2007
1	Noi tipuri de compounduri polimerice cu proprietăți performante pentru aplicații speciale	1993/ 2004 ICECHIM București	20.000	Dr. Cornelia Vasile	20.000		3.000	10.000	7.000	
2	Noi filme polimerice biodegradabile pe bază de resurse regenerabile pentru agricultură, ambalaje și alte produse cu durată determinată de viață	2108/ 2004 AMCSIT- București	24.587	Dr. Cornelia Vasile	24.587		2.500	7.087	15.000	
3	Tehnologii de utilizare a unui polizaharid de biosinteză, de producție românească, pentru stabilizarea, acoperirea și dirijarea biodisponibilității anumitor forme farmaceutice cu suplimente nutritive	2050/ 2004 ICCF-București	26.600	Dr. Georgeta Mocanu	26.600		0	18.000	8.600	
T O T A L			71.187		71.187		5.500	35.087	30.600	

TOTAL ANEXA 7.3

Numar total contracte/2003-2007: 197

Valoare totala contracte/2003-2007: 13.702.883 Lei

Contracte de cercetare naționale finanțate din fonduri private

lei

Nr. crt.	Denumire proiect / Beneficiar	Nr. contr.	Valoare totală contract	Director proiect	Total val. perioadă din care:	2003	2004	2005	2006	2007
1	Sinteză de adezivi sensibili la presiune (ASP) pentru benzi autoadezive SC PRO AUTO INDUSTRIES SA Buc.	742 / 2004	6.000	Dr. Constantin Ciobanu	6.000		6.000			
2	Rețea de coordonare pentru sintetizarea OE a ligninei, producția și aplicațiile adaptate cererilor de piață EUROLIGNIN Universitatea Tehnică "Gh.Asachi" Iași	CIRT CT 2002-0588/ 2004 Subcontr. UTI/2004	6.103	Dr. Cornelia Vasile	6.103		6.103			
3	Eliminarea catalitică a compușilor potențial toxici din produse lichide combustibile de descompunere a deșeurilor polimere Asociația Europeană de Mediu - C-ța	21 / 2004	3.000	Dr. Mihai Brebu	3.000		3.000			
4	Obținerea unui material filtrant, soluții folosite la curățarea parbrizelor, material tip ceară pentru sigilat sticle SC Bucium SA Iași	851 / 2004	3.000	Ing. Corneliu Coțofană	3.000		3.000			
TOTAL			18.103		18.103		18.103			

Numar contracte/2003-2007: 4

Valoare totala contracte/2003-2007: 18 103 Lei

ANEXA 8.2.2

Teze de doctorat realizate

Nr. crt.	Titlul tezei	Autor	Conducator stiintific	Anul/luna sustinerii
1.	Cercetari in domeniul biosenzorilor fotosintetici ca indicatori ai procesului de poluare a mediului inconjurator	Carmen Alice Teaca	Prof. dr. Valentin I. Popa	2003/martie
2.	Noi materiale poliuretanice multicomponente. Relatii: structura - morfologie - proprietati	Liliana Rosu	Dr. Cornelia Vasile	2003/aprilie
3.	Poliimide siloxanice. Sinteza si caracterizare	Mihaela Simionescu	Dr. ing. Mihai Marcu	2003/iunie
4.	Contributii la studiul proceselor de biosinteza in plante sub actiunea unor factori poluanti	Ruxandra Bodirlau	Prof. dr. ing. Valentin I. Popa	2003/iulie
5.	Izomaleimide, precursori in sinteze de polimaleimide	Daniela Ivanov	Dr. Constantin I. Chiriac	2003/decembrie
6.	Sinteze de esteri si poliesteri	Fulga Mihaela Tanasa	Dr. Constantin I. Chiriac	2003/decembrie
7.	Contributii la sinteza si caracterizarea unor copolimeri siloxan-organici	Lucia Pricop	Dr. ing. Mihai Marcu	2004/mai
8.	Structuri macromoleculare complexe pe baza de polimeri siloxanici	Virginia Epure	Prof. dr. ing. Bogdan C. Simionescu	2004/octombrie
9.	Contributii la studiul modificarii chimice a unor polizaharide prin reactii de fosforilare	Mihaela Dana Suflet	Prof. dr. ing. Valentin I. Popa	2005/martie
10.	Cercetari privind introducerea materialelor lignocelulozice in structuri compozite	Gabriela Liliana Constantinescu	Prof. dr. ing. Valentin I. Popa	2005/iunie
11.	Noi polimeri care contin cicluri 1,3,4-oxadiazolice pentru aplicatii de inalta performanta	Mariana Dana Damaceanu	Dr. Maria Bruma	2005/iunie
12.	Polielectroliti pe baza de copolimeri maleici	Gabriela Aldea	Prof. dr. ing. Bogdan C. Simionescu	2005/octombrie
13.	Funcțiuni specifice in poliuretani ionomerici	Mihaela Adriana Olaru	Prof. dr. ing. Bogdan C. Simionescu	2005/decembrie
14.	Copolimeri stea si bloc ai stirenului: caracterizare si aplicatii in amestecuri de polimeri	Silvestru Bogdanel Munteanu	Dr. Cornelia Vasile	2006/ianuarie

ANEXA 8.2.2. LISTA TEZELOR DE DOCTORAT REALIZATE

15.	Noi structuri polimere pe baza de izocianati	Elena Gabriela Hitruc	Dr. ing. Adrian Caraculacu	2006/iulie
16.	Polimeri cu structuri complexe in solutii diluate	Mihaela Lupu	Dr. Silvia Ioan	2007/martie
17.	Sinteza si studiul unor compusi noi cu proprietati de cristal lichid	Luminita Marin	Dr. Maria Bruma	2007/aprilie
18.	Noi polimeri cu fosfor: sinteza si studiul proprietatilor	Tachita Vlad - Bubulac	Dr. Maria Bruma	2007/august
19.	Studiul efectului campului magnetic pentru obtinerea unor sisteme polimerice cu potentiale aplicatii biomedicale	Loredana Elena Nita	Dr. Cornelia Vasile	2007/septembrie

Numar teze realizate/2003-2007: 19