

Lista lucrari 2019

1. Fluorescent porous silica microspheres for highly and selectively detecting Hg^{2+} and Pb^{2+} ions and imaging in living cells
W. Sun, Q. Sun, Q. Zhao, L. Marin, X. Cheng
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2. Crystal structure of poly[[diaquatetra- μ 2-cyanido-iron(II)platinum(II)] acetone disolvate]
I. S. Kuzevanova, D. D. Naumova, K. V. Terebilenko, S. Shova, I. A. Guralskiy
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3. Crystal structure of catena-poly[[gold(I)- μ -cyanido-[diaquabis(2-phenylpyrazine)iron(II)]- μ -cyanido] dicyanidogold(I)]
O. I. Kucheriv, D. D. Barakhtii, S. O. Malinkin, S. Shova, I. A. Guralskiy
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4. AFM study of pH-dependent adhesion of single protein to TiO_2 surface
Y. Dong, A. Laaksonen, W. Cao, X. Ji, X. Lu
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5. Mass spectrometry as a complementary approach for noncovalently bound complexes based on cyclodextrins
M. Silion, A. Fifere, A. L. Lungoci, N. L. Marangoci, S. A. Ibanescu, R. Zonda, A. Rotaru, M. Pinteala
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6. How do elements of the structure of monomeric unit of polyimides influence its physical properties
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7. Biopolymer nanocomposites - From basic concepts to nanotechnologies
M. Aflori
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8. Effects of sewage sludge amendments on the growth and physiology of sweet basil
M. Burducea, A. Lobiuc, M. Asandulesa, M. F. Zaltariov, I. Burducea, S. M. Popescu, V. D. Zheljazkov
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9. Synthesis, characterization, molecular docking studies and in vitro screening of new metal complexes with Schiff base as antimicrobial and antiproliferative agents
E. Pahontu, M. Proks, S. Shova, G. Lupascu, D. C. Ilies, S. F. Barbuceanu, L. I. Socea, M. Badea, V. Paunescu, D. Istrati, A. Gulea, D. Dragănescu, C. E. Dinu Parvu
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10. Preparation of La doped ZnO ceramic nanostructures by electrospinning-calcination method: Effect of La^{3+} doping on optical and photocatalytic properties
P. Pascariu, M. Homocianu, C. Cojocaru, P. Samoilă, A. Airinei, M. Suciu
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11. Study of the effect of some surface phenomena on the properties of citrate capped cobalt doped ferrites
E. Puscasu, L. Sacarescu, L. Popescu-Lipan, V. Nica, M. Grigoras, A. Domocos, N. Lupu, D. Creanga
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12.	Porous polymer/inorganic composite matrices as efficient dessicants for air dehumidification	M. Ignat, P. Samoila, C. Cojocaru, G. Soreanu, I. Cretescu, V. Harabagiu	Applied Surface Science, 487, 1189-1197 (2019)
13.	Overcoming the insulating materials limitation in HiPIMS: Ion-assisted deposition of DLC coatings using bipolar HiPIMS	V. Tiron, E. L. Ursu, D. Cristea, D. Munteanu, G. Bulai, A. Ceban, I. L. Velicu	Applied Surface Science, 494, 871-879 (2019)
14.	Exploring isoxazoles and pyrrolidinones decorated with the 4,6-dimethoxy-1,3,5-triazine unit as human farnesyltransferase inhibitors	L. Lucescu, A. Ghinet, S. Shova, R. Magnez, X. Thuru, A. Farce, B. Rigo, D. Belei, J. Dubois, E. Bicu	Archiv der Pharmazie, 352, Article 1800227 (2019)
15.	Methylamine-induced ring opening of 1,3-dithiolium cations	L. G. Sarbu, H. Hopf, P. G. Jones, L. G. Bahrin, M. L. Birsa	Arkivoc, Part VI, 174-179 (2019)
16.	Antioxidant and antimicrobial effects of grape pomace extracts	C. E. Luchian, V. V. Cotea, L. Vlase, A. M. Toiu, L. C. Colibaba, I. E. Raschip, G. Nadas, A. M. Gheldiu, C. Tuchilus, L. Rotaru	Bio Web of Conferences, 15(42nd World Congress of Vine and Wine, July 15-19, 2019, Geneva, Switzerland), Article 04006/1-6 (2019)
17.	Determination of the small amount of proteins interacting with TiO ₂ nanotubes by AFM-measurement	Y. Dong, X. Ji, A. Laaksonen, W. Cao, R. An, L. Lu, X. Lu	Biomaterials, 192, 368-376 (2019)
18.	Understanding the structure and dynamics of peptides and proteins through the lens of network science	M. Fosseppe, L. Leherte, A. Laaksonen, D. P. Vercauteren	Biomolecular Simulations in Structure-based Drug Discovery, F. L. Gervasio, V. Spiwok, Eds., Wiley-VCH, 105-161 (2019)
19.	Spirocyclic sulfonamides with carbonic anhydrase inhibitory and antineuropathic pain activity	Y. K. Vali, R. Gundla, O. V. Singh, Y. Tamboli, L. Di Cesare Manelli, C. Ghelardini, A. M. S. Al-Tamimi, F. Carta, A. Angeli, C. T. Supuran	Bioorganic Chemistry, 82, Article 103210/1-10 (2019)
20.	Natural bio-based products for wood coating and protection against degradation: A review	C. A. Teaca, D. Rosu, F. Mustata, T. Rusu, L. Rosu, I. Rosca, C. D. Varganici	BioResources, 14, 4873-4901 (2019)
21.	Biomaterials of PVA and PVP in medical and pharmaceutical applications: Perspectives and challenges	M. Teodorescu, M. Bercea, S. Morariu	Biotechnology Advances, 37, 109-131 (2019)
22.	Self-healing hydrogels of oxidized pullulan and poly(vinyl alcohol)	M. Bercea, G. Biliuta, M. Avadanei, R. I. Baron, M. Butnaru, S. Coseri	Carbohydrate Polymers, 206, 210-219 (2019)
23.	Development of chitosan-poly(ethyleneimine) based double network cryogels and their application as superadsorbants for phosphate	E. S. Dragan, D. Humelnicu, M. V. Dinu	Carbohydrate Polymers, 210, 17-25 (2019)
24.	Designing chitosan eco-friendly multifunctional soil conditioner systems with urea controlled release and water retention	M. M. Iftime, G. L. Ailisei, E. Ungureanu, L. Marin	Carbohydrate Polymers, 223, Article 115040/1-10 (2019)
25.	Block copolymers containing dextran and deoxycholic acid polyesters. Synthesis, self-	M. C. Stanciu, M. Nichifor, G. Mocanu, C. Tuchilus, G. L. Ailisei	Carbohydrate Polymers, 223, Article 115118/1-9 (2019)

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26.	Amphiphilic polysaccharide based curdlan: Synthesis and behaviour in aqueous solution	I. Popescu, I. M. Pelin, G. L. Ailiesei, D. L. Ichim, D. M. Suflet	Carbohydrate Polymers, 224, Article 115157/1-10 (2019)
27.	Polysaccharides constructed hydrogels as vehicles for proteins and peptides. A review	E. S. Dragan, M. V. Dinu	Carbohydrate Polymers, 225, Article 115210/1-18 (2019)
28.	Fluorescent chitosan hydrogel for highly and selectively sensing of p-nitrophenol and 2,4,6-trinitrophenol	S. Xiong, L. Marin, L. Duan, X. Cheng	Carbohydrate Polymers, 225, Article 115253/1-10 (2019)
29.	New perspectives in development of polysulfones/cellulose derivatives based ionic-exchange membranes: Dielectric response and hemocompatibility study	A. Filimon, A. M. Dobos, V. Musteata	Carbohydrate Polymers, 226, Article 115300/1-13 (2019)
30.	Cellulose derivatives: Synthesis, properties and applications	A. I. Barzic, L. I. Buruiana, R. M. Albu	Carboxymethyl Cellulose, vol. I: Synthesis and Characterization, M.I.H. Mondal, Ed., Nova Science Publishers, 271-298 (2019)
31.	Polymer nanocomposites for photocatalytic applications	V. Melinte, L. Stroea, A. L. Chibac-Scutaru	Catalysts, 9, Article 986/1-30 (2019)
32.	Chitosan-based polyelectrolyte complex hydrogels for biomedical applications	S. Vasiliu, S. Racovita, M. Popa, L. Ochiuz, C. A. Peptu	Cellulose-based Superabsorbent Hydrogels, M. I. H. Mondall, Ed., Springer, 1695-1725 (2019)
33.	Structure-property relationships in cellulose-based hydrogels	D. E. Ciolacu	Cellulose-based Superabsorbent Hydrogels, M. I. H. Mondall, Ed., Springer, 65-95 (2019)
34.	ZnO-based ceramic nanofibers: Preparation, properties and applications	P. Pascariu, M. Homocianu	Ceramics International, 45, 11158-11173 (2019)
35.	Structural changes of cerium doped copper ferrites during sintering process and magneto-electrical properties assessment	T. Roman, A. Pui, A. V. Lukacs, N. Cimpoesu, S. Lupescu, A. I. Borhan, K. Kordatos, A. Ntziouni, P. Postolache, M. Zaharia, S. Stanciu, L. Mitoseriu	Ceramics International, 45, 17243-17251 (2019)
36.	Influence of rare earth addition in cobalt ferrite thin films obtained by pulsed laser deposition	G. Bulai, V. Trandafir, S. A. Irimiciuc, L. Ursu, C. Focsa, S. Gurlui	Ceramics International, 45, 20165-20171 (2019)
37.	Comparative study of magnetoelectric BaTiO ₃ -Co _{0.8} Fe ₂ O ₄ bitunable ceramics sintered by spark plasma sintering and classical method	C. E. Ciomaga, A. Guzu, M. Airimioiaie, L. P. Curecheriu, V. A. Lukacs, O. G. Avadanei, G. Stoian, M. Grigoras, N. Lupu, M. Asandulesa, L. Mitoseriu	Ceramics International, 45, 24168-24175 (2019)
38.	Metal-free and heterogeneous photocatalytic reduction of 4-nitroaniline by a poly(ethylene glycol)-supported eosin dye under visible-light exposure	A. L. Chibac, V. Melinte, V. Brezova, E. Renard, A. Brosseau, V. Langlois, D. L. Versace	ChemCatChem, 11, 3307-3317 (2019)
39.	Room temperature hysteretic spin crossover in a new	V. M. Hiiuk, S. Shova, A. Rotaru, V. Ksenofontov, I. O.	Chemical Communications, 55, 3359-3362 (2019)

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40.	Preparation and characterization of stacked planar actuators	C. Tugui, M. S. Serbulea, M. Cazacu	Chemical Engineering Journal, 364, 217-225 (2019)
41.	Synthesis and evaluation of biological activity of homodrimane sesquiterpenoids bearing hydrazinecarbothioamide or 1,2,4-triazole units	L. Lungu, A. Ciocarlan, A. Barba, S. Shova, S. Pogrebnoi, I. Mangalagiu, C. Moldoveanu, N. Vornicu, M. D'Ambrosio, M. V. Babak, V. B. Arion, A. Aricu	Chemistry of Heterocyclic Compounds, 55, 716-724 (2019)
42.	Insights on the chemical behavior of ethyl cyanoformate: Dipolarophile, cyano or ethoxycarbonyl source	A. E. Dascalu, E. Bicu, S. Shova, E. Lipka, B. Rigo, M. Billamboz, A. Ghinet	ChemistrySelect, 4, 13724-13730 (2019)
43.	TiO ₂ -based photopolymerized hybrid catalysts with visible light catalytic activity induced by in situ generated Ag/Au NPs	V. Melinte, T. Buruiana, I. Rosca, A. L. Chibac	ChemistrySelect, 4, 5138-5149 (2019)
44.	Design of porous microparticles based on chitosan and methacrylic monomers	S. Vasiliu, M. A. Lungan, I. Gugoasa, M. Drobota, M. Popa, M. Mihai, S. Racovita	ChemistrySelect, 4, 9331-9338 (2019)
45.	Adsorption of anionic dyes on a cationic amphiphilic dextran hydrogel: equilibrium, kinetics and thermodynamic studies	M. C. Stanciu, M. Nichifor	Colloid and Polymer Science, 297, 45-57 (2019)
46.	Layer-by-layer polyelectrolyte architectures with ultrafast and high loading/release properties for copper ions	F. Bucatariu, C. A. Ghiorghita, D. Schwarz, T. Boita, M. Mihai	Colloids and Surfaces A: Physicochemical and Engineering Aspects, 579, Article 123704/1-10 (2019)
47.	Copper(II) complexes with spherical morphology generated in one step by amphiphilic ligands: in situ view of self-assembling, characterization, catalytic activity	G. O. Turcan-Trofin, M. F. Zaltariov, M. Iacob, V. Tiron, F. Branza, C. Racles, M. Cazacu	Colloids and Surfaces A: Physicochemical and Engineering Aspects, 580, Article 123756/1-11 (2019)
48.	Exploring the coordination abilities of 1,5-diisopropyl-3-(4'-carboxyphenyl)-6-oxoverdazyl	V. Kumar, S. Shova, G. Novitchi, C. Train	Comptes Rendus Chimie, 22, 541-548 (2019)
49.	Theoretical modeling of long-time drug release from nitrosalicyl-imine-chitosan hydrogels through multifractal logistic type laws	A. M. Craciun, M. L. Barhalescu, M. Agop, L. Ochiuz	Computational and Mathematical Methods in Medicine, vol. 2019, Article 4091464/1-10 (2019)
50.	Cellulose: A ubiquitous platform for ecofriendly metal nanoparticles preparation	G. Biliuta, S. Coseri	Coordination Chemistry Reviews, 383, 155-173 (2019)
51.	Halogen bonding in 5-iodo-1-arylpypyrazoles investigated in the solid state and predicted by solution ¹³ C-NMR spectroscopy	M. M. Popa, I. C. Man, C. Draghici, S. Shova, M. R. Caira, F. Dumitrescu, D. Dumitrescu	CrystEngComm, 21, 7085-7093 (2019)
52.	High relaxation barrier in neodymium furoate-based field induced SMMs	E. Bartolome, A. Arauzo, J. Luzon, S. Melnic, S. Shova, D. Prodius, I. C. Nlebedim, F. Bartolome, J. Bartolome	Dalton Transactions, 48, 15386-15396 (2019)
53.	Heterometallic 3d-4d coordination polymers assembled from trans-[RuIII(L)(CN) ₂] tectons and 3d cations	G. Marinescu, A. M. Madalan, C. Maxim, S. Shova, R. Clerac, M. Andruh	Dalton Transactions, 48, 15455-15464 (2019)
54.	Aggregation of [LnIII 12] clusters by the dianion of 3-formylsalicylic acid.	A. S. Dinca, A. Mindru, D. Dragancea, C. Tiseanu, S.	Dalton Transactions, 48, 1700-1708 (2019)

	Synthesis, crystal structures, magnetic and luminescence properties	Shova, S. Cornia, L. M. Carrella, E. Rentschler, M. Affronte, M. Andruh	
55.	Slow relaxation in a {Tb ₂ Ba (α-fur) ₈ } _n polymer with Ln = Tb(III) non-Kramers ions	E. Bartolome, A. Arauzo, J. Luzon, S. Melnic, S. Shova, D. Prodius, J. Bartolome, A. Amann, M. Nallaiyan, S. Spagna	Dalton Transactions, 48, 5022-5034 (2019)
56.	Dinuclear manganese(III) complexes with bioinspired coordination and variable linkers showing weak exchange effects: a synthetic, structural, spectroscopic and computation study	S. Shova, A. Vlad, M. Cazacu, J. Krzystek, A. Ozarowski, M. Malcek, L. Bucinsky, P. Raptis, J. Cano, J. Telser, V. B. Arion	Dalton Transactions, 48, 5909-5922 (2019)
57.	In situ generation of Ph ₃ PO in cyanido-bridged heterometallic {Fe ^{II} Ln ^{III} } ₂ molecular squares (Ln=Eu, Sm)	M. G. Alexandru, D. Visinescu, B. Braun-Cula, S. Shova, F. Lloret, M. Julve	Dalton Transactions, 48, 7532-7536 (2019)
58.	A regenerable microporous adsorbent based on microcrystalline cellulose for organic pollutants adsorption	D. Suteu, G. Biliuta, L. Rusu, S. Coseri, C. Vial, I. Nica (Nebunu)	Desalination and Water Treatment, 146, 176-187 (2019)
59.	Ortho-catenation and trifluoromethyl grafting as driving forces in electro-optical properties modulation of ethanol soluble triphenylamide-based polyimides	C. P. Constantin, M. D. Damaceanu, M. Bruma, R. S. Begunov	Dyes and Pigments, 163, 126-137 (2019)
60.	Generalization of the anthocyanins kinetics and thermodynamics multistate to 2,6-bis(2-hydroxybenzylidene)cyclohexanone s	A. Alejo-Armijo, A. J. Moro, A. J. Parola, J. C. Lima, F. Pina, J. L. Corici, S. Shova, L. Csech	Dyes and Pigments, 163, 573-588 (2019)
61.	Heteroatom-mediated performance of dye-sensitized solar cells based on T-shaped molecules	M. D. Damaceanu, C. P. Constantin, A. E. Bejan, M. Mihaila, M. Kusko, C. Diaconu, I. Mihalache, R. Pascu	Dyes and Pigments, 166, 15-31 (2019)
62.	Biomedicine: Polymers with silsesquinoxane units	B. Simionescu, A. Oancea, I. Bordianu-Antochi, C. Ursu, C. Cotofana, M. Olaru	Encyclopedia of Polymer Applications, M. Mishra, Ed., CRC Press, 285-359 (2019)
63.	Drug delivery systems using pullulan, a biocompatible polysaccharide produced by fungal fermentation of starch	A. G. Grigoras	Environmental Chemistry Letters, 171, 1209-1223 (2019)
64.	Photo-oxidative degradation of doxorubicin with siloxane MOFs by exposure to daylight	C. Racles, M. F. Zaltarov, M. Silion, A. M. Maxim, V. Cozan	Environmental Science and Pollution Research, 26, 19684-19696 (2019)
65.	Performances of <i>Pichia kudriavzevii</i> in decolorization, biodegradation, and detoxification of C.I. Basic Blue 41 under optimized cultural conditions	C. M. Rosu, G. Voichita, M. Mihasan, M. Avadanei, C. T. Mihai, D. Gherghel	Environmental Science and Pollution Research, 26, 431-445 (2019)
66.	Trinuclear nickel(II) and cobalt(II) complexes constructed from Mannich-Schiff-base ligands: Synthesis, crystal structures, and	M. I. Mocanu, A.A. Patrascu, M. Hillebrand, S. Shova, F. Lloret, M. Julve, M. Andruh	European Journal of Inorganic Chemistry, (44), 4773-4783 (2019)

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67.	Structural diversity ranging from oligonuclear complexes to 1-D and 2-D coordination polymers generated by tetrasubstituted adamantane and spirobifluorene derivatives	T. Mocanu, L. Pop, N. D. Hadade, S. Shova, C. Sorace, I. Grosu, M. Andruh	European Journal of Inorganic Chemistry, (47), 5025-5038 (2019)
68.	Synthesis of novel tellurides bearing benzensulfonamide moiety as carbonic anhydrase inhibitors with antitumor activity	D. Tanini, L. Ricci, A. Capperucci, L. Di Cesare Mannelli, C. Ghelardini, T. S. Peat, F. Carta, A. Angelis, C. Supuran	European Journal of Medicinal Chemistry, 181, Article 111586/1-8 (2019)
69.	Cucurbit[7]uril-threaded poly(3,4-ethylenedioxythiophene): A novel processable conjugated polyrotaxane	A. Farcas, K. I. Assaf, A. M. Resmerita, L. Sacarescu, M. Asandulesa, P. H. Aubert, W. M. Nau	European Journal of Organic Chemistry, (21), 3442-3450 (2019)
70.	Surface relief gratings in azopolyimides induced by pulsed laser irradiation	J. Konieczkowska, E. Schab-Balcerzak, M. Libera, I. Mihaila, I. Sava	European Polymer Journal, 110, 85-89 (2019)
71.	Synthesis and photophysical properties of inclusion complexes between conjugated polyazomethines with γ -cyclodextrin and its tris-O-methylated derivative	A. Farcas, Y. C. Liu, M. Nilam, M. Balan-Porcarasu, E. L. Ursu, W. M. Nau, A. Henning	European Polymer Journal, 113, 236-243 (2019)
72.	Novel supramolecular networks based on PEG and PEDOT crosslinked polyrotaxanes as electrical conductive materials	A. M. Resmerita, M. Asandulesa, G. Bulai, A. Farcas	European Polymer Journal, 114, 39-46 (2019)
73.	Polyurethane/poly(vinyl alcohol) hydrogels: Preparation, characterization and drug delivery	M. Mandru, M. Bercea, L. M. Gradinaru, C. Ciobanu, M. Drobota, S. Vlad, R. Albulescu	European Polymer Journal, 118, 137-145 (2019)
74.	New self-healing hydrogels based on reversible physical interactions and their potential applications	L. E. Nita, A. P. Chiriac, A. G. Rusu, M. Bercea, A. Ghilan, R. P. Dumitriu, L. Mititelu-Tartau	European Polymer Journal, 118, 176-185 (2019)
75.	Nanoporous furfuryl-imine-chitosan fibers as a new pathway towards eco-materials for CO ₂ adsorption	L. Marin, B. Dragoi, N. Olaru, E. Perju, A. Coroaba, F. Doroftei, G. Scavia, S. Destri, S. Zappia, W. Porzio	European Polymer Journal, 120, Article 109214/1-9 (2019)
76.	From ultra-high molecular weight polydimethylsiloxane to super-soft elastomer	C. Tugui, V. Tiron, M. Dascalu, L. Sacarescu, M. Cazacu	European Polymer Journal, 120, Article 109243/1-11 (2019)
77.	Photocrosslinked hybrid composites with Ag, Au or Au-Ag NPs as visible light triggered photocatalysts for degradation/reduction of aromatic nitroderivatives	V. Melinte, L. Stroea, T. Buriana, A. L. Chibac	European Polymer Journal, 121, Article 109289/1-12 (2019)
78.	Semi-alicyclic polyimides as potential membrane oxygenators: Rheological implications on film processing morphology and blood compatibility	R. M. Albu, C. Hulubei, I. Stoica, A. I. Barzic	eXPRESS Polymer Letters, 13, 349-364 (2019)
79.	Essential oils of Moldavian Thymus species: Chemical composition, antioxidant, anti-Aspergillus and	A. C. Aprotosoaie, A. Miron, N. Ciocarlan, M. Brebu, C. M. Rosu, A. Trifan, G. Voichita,	Flavour and Fragrance Journal, 34, 175-186 (2019)

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80.	Metabolite profiling, arginase inhibition and vasorelaxant activity of <i>Cornus mas</i> , <i>Sorbus aucuparia</i> and <i>Viburnum opulus</i> fruit extracts	A. Bujor, A. Miron, S. V. Luca, K. Skalicka-Wozniak, M. Silion, R. Ancuceanu, M. Dinu, C. Girard, C. Demougeot, P. Totoson	Food and Chemical Toxicology, 133, Article 110764/1-10 (2019)
81.	Chemical and physical methods for multifunctional nanostructured interface fabrication	I. V. Tudose, F. Comanescu, P. Pascariu, S. Bucur, L. Rusen, F. Iacomi, E. Koudoumas, M. P. Sucheа	Functional Nanostructures Interfaces for Environmental and Biomedical Applications, V. Dinca, M. P. Sucheа, Eds., Elsevier, Amsterdam, 15-26 (2019)
82.	Graphene-based materials and their biomedical and environmental applications: Recent advances	I. V. Tudose, E. Koudoumas, C. Pachiу, F. Comanescu, V. Dinca, L. Rusen, P. Pascariu, M. P. Sucheа	Functional Nanostructures Interfaces for Environmental and Biomedical Applications, V. Dinca, M. P. Sucheа, Eds., Elsevier, Amsterdam, 243-257 (2019)
83.	Nanostructured ZnO-based materials for biomedical and environmental applications	I. V. Tudose, N. Vrinceanu, C. Pachiу, S. Bucur, P. Pascariu, L. Rusen, E. Koudoumas, M. P. Sucheа	Functional Nanostructures Interfaces for Environmental and Biomedical Applications, V. Dinca, M. P. Sucheа, Eds., Elsevier, Amsterdam, 285-305 (2019)
84.	Electrospun TiO ₂ -based nanofiber composites and their bio-related and environmental applications	P. Pascariu, A. Airinei, F. Iacomi, S. Bucur, M. P. Sucheа	Functional Nanostructures Interfaces for Environmental and Biomedical Applications, V. Dinca, M. P. Sucheа, Eds., Elsevier, Amsterdam, 307-321 (2019)
85.	Applications of metallic nanostructures on biomedical field	P. Pascariu, E. Koudoumas, V. Dinca, L. Rusen, M. P. Sucheа	Functional Nanostructures Interfaces for Environmental and Biomedical Applications, V. Dinca, M. P. Sucheа, Eds., Elsevier, Amsterdam, 341-361 (2019)
86.	Liquid crystal polymers	A. I. Barzic, R. M. Albu, L. I. Buruiana	High Performance Polymers and their Nanocomposites, P. M. Visakh, A. O. Semkin, Eds. Wiley and Scrivener Publ., Hoboken, N.Y., USA, 27-58 (2019)
87.	Behavior of historical printing inks on paper in high frequency cold plasma discharges	E. G. Ioanid, V. Frunza, D. E. Rusu, A. M. Vlad, G. Savin, C. M. Popescu	IEEE Transactions on Plasma Science, 47, 81-85 (2019)
88.	Invasive pulmonary infection due to <i>Thermoascus Crustaceus</i> in a kidney transplant recipient	M. Mares, V. R. Moroti-Constantinescu, L. Voroneanu, F. Doroftei, A. Covic, O. A. Mederle	Infection and Drug Resistance, 12, 1929-1934 (2019)
89.	Explaining how α -hydroxamate ligands control the formation of Cu(II)-, Ni(II)-, and Zn(II)-containing metallacrowns	M. Ostrowska, Y. Toporivska, I. A. Golenya, S. Shova, I. O. Fritsky, V. L. Pecoraro, E. Gumienna-Kontecka	Inorganic Chemistry, 58, 16642-16659 (2019)
90.	Nickel(II) complexes with redox	A. Drobov, D. Darvasiova, N.	Inorganic Chemistry, 58,

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