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**Adresa:** Institutul de Chimie Macromoleculara „Petru Poni”, Aleea Gr. Ghica Voda, 41A, Iasi, 700487

**Educație:**

2013                    Cercetator Postdoctoral, Institut Européen des Membranes, Montpellier, France  
2011                    Cercetator Postdoctoral, Institut Européen des Membranes, Montpellier, France  
2001-2007            Doctorand, Institutul de Chimie Macromoleculara “Petru Poni”, Iasi, Romania  
2006                    Stagiul doctoral, Istituto per lo Studio delle Macromolecole, Milan, Italy  
2000-2002            Masterat Chimie Organica Fizica, Fac. Chimie, Univ. “Al.I.Cuza”, Iasi, Romania  
1991-1996           Licentiat in Chimie Organica, Fac. Chimie, Univ. “Al.I.Cuza”, Iasi, Romania  
1987-1991           Bacalaureat, Liceul de Chimie “Emil Racovita”, Vaslui, Romania

**Experiență profesională:**

2015- prezent      Cercetator Stiintific II, Institutul de Chimie Macromoleculara “Petru Poni”, Iasi  
2010-2015          Cercetator Stiintific III, Institutul de Chimie Macromoleculara “Petru Poni”, Iasi  
2008-2010          Cercetator Stiintific, Institutul de Chimie Macromoleculara “Petru Poni”, Iasi  
2001-2007          Asistent de Cercetare, Institutul de Chimie Macromoleculara “Petru Poni”, Iasi  
1997 – 2001        Profesor de Chimie, Scoala Feredeni-Deleni, Iasi

**Experiență managerială în proiecte naționale și internaționale (selecție):**

**Director al unui proiect bilateral romano-italian**

2017-2019 „Materials suitable for CO<sub>2</sub> capture and sequestration, through chemical reaction, based on azomethine derivatives”, Proiect Academia Romana-Consiliul National de Cercetare Italia

**Director a doua proiecte nationale:**

-2014-2017 “Diode electroluminescente organice flexibile cu emisie in alb pentru iluminare”, PN-II-PT-PCCA-2013-4-1861

-2015-2017 “Hidrogeluri dinamice multifunctionale cu morfologie controlata pentru aplicatii biomedicale”, PN-II-TE-2014-4-2314

**Lider de grup in cadrul a doua proiecte europene:**

2010-2013 Lider de pachet de lucru in cadrul proiectului – “Strengthening the Romanian research capacity in Multifunctional Polymeric Materials”, REGPOT-2010-1

Din 2016 Lider al grupului de lucru „Dynameric network and gels for delivery, cell recognition and cell growing”– SupraChemLab – “Laboratory of Supramolecular Chemistry for Adaptive Delivery”, Era Chair Initiative, HORIZON 2020 WIDESPREAD 2-2012

**Membre** in echipa a 14 proiecte nationale si internationale si cu industria

**Servicii în folosul comunității academice:**

**Coordonator** de teze de doctorat

**Membre** al comisiei de Stiinta Materialelor in cadrul Consiliului National de Cercetare Stiintifica

**Schimburi interacademice** cu 3 institute de cercetare din strainatate (Polonia, Italia, Bulgaria)

**Referent stiintific** pentru mai mult de 150 lucrari stiintifice (publons.com/a/1279610/), pentru jurnale ca: Biomacromolecules, ACS Applied Materials and Interfaces, Crystal Growth and Design, Polymer, RSCAdvances, European Polymer Journal, Liquid Crystals, Optical Materials, Synthetic Metals, etc.

**Diseminarea rezultatelor (selecție):**

-62 articole stiintifice ISI, 3 carti, 4 capitole de carte

-658 citari (429 fara autocitari) in Web of Science, indice Hirsh 16, ID Cercetător: F-7588-2011; orcid.org/0000-0003-3987-4912

-748 citari în Google Scholar (Profil GS public), indice Hirsh 18, i10-index 24

-5 conferinte invitate, 1 conferinta, 33 comunicari orale prezentate la meetinguri stiintifice interantionale

-1 conferinta, 25 comunicari orale, 21 postere prezentate la meetinguri nationale

### Articole (selectie)

1. **L. Marin**, A. Bejan, D. Ailincăi, D. Belei, *Poly(azomethine-phenothiazine)s with efficient emission in solid state*, European Polymer Journal, 95, 127-137, **2017**, I.F. 3.5 (**Q1** in Materials Science, Multidisciplinary)
2. **L. Marin**, S. Shova, C. Dumea, E. Bicu, D. Belei, *Self-assembled Triazole AIE-Active Nanofibers: Synthesis, Morphology, and Photophysical Properties*, Crystal Growth and Design, 17, 3731-3742, **2017**, I.F. 4.05 (**Q1** in Materials Science, Multidisciplinary)
3. M-D. Damaceanu, C-P. Constantin, **L. Marin**, *Insights into the effect of donor-acceptor strength modulation on physical properties of phenoxazine-based imine dyes*, Dyes and Pigments, 134, 382-396, **2016**, I.F. 3.5 (**Q1** in Chemistry, Applied)
4. A.Bejan, S. Shova, M-D. Damaceanu, B.C. Simionescu, **L. Marin**, *Structure-Directed Functional Properties of Phenothiazine Brominated Dyes: Morphology and Photophysical and Electrochemical Properties*, Crystal Growth and Design 16, 3716–3730, **2016**, I.F.4.05 (**Q1** in Materials Science, Multidisciplinary)
5. **L. Marin**, A. van der Lee, S. Shova, A. Arvinte, M. Barboiu, *Molecular amorphous glasses toward large azomethine crystals with aggregation-induced emission*, New Journal of Chemistry, 39, 6404-6420, **2015**, i.F. 3.3 (**Q2** in Chemistry, Multidisciplinary), 9 citari
6. A.Zabulica, M. Balan, D. Belei, M. Sava, B.C. Simionescu, **L. Marin**, *Novel luminescent phenothiazine-based Schiff bases with tuned morphology. Synthesis, structure, photophysical and thermotropic characterization*, Dyes and Pigments, 96, 686-698, **2013**, I.F. 3.5 (**Q1** in Chemistry, Applied), 24 citari
7. **L. Marin**, B.C. Simionescu, M. Barboiu, *Imino-chitosan biodynamers*, Chemical Communications, 48 (70), , p. 8778 – 8780, **2012**, FI=6.3, (**Q1** in Chemistry, Multidisciplinary), 51 citari
8. **L. Marin**, E. Perju, M-D. Damaceanu, *Designing thermotropic liquid crystalline polyazomethines based on fluorene and/or oxadiazole chromophores*, European Polymer Journal, 47, 1282-1299, **2011**, I.F. 3.5 (**Q1** in Materials Science, Multidisciplinary), 31 citari
9. G.I. Rusu, A. Airinei, M. Rusu, P. Prepelita, **L. Marin**, V. Cozan, I.I. Rusu, *On the electronic transport mechanism in thin films of some new poly(azomethine sulfone)s*, Acta Materialia, 55, 433-442, **2007**, I.F. 5.3 (**Q1** in Materials Science, Multidisciplinary), 33 citari
10. **L. Marin**, V. Cozan, M. Bruma, V.C. Grigoras, *Synthesis and thermal behaviour of new poly(azomethine-ether)*, European Polymer Journal, 42, 1173 – 1182, **2006**, I.F. 3.5 (**Q1** in Materials Science, Multidisciplinary), 45 citari

### Distincții (selectie):

- Premiul “Costin D. Nenițescu” al Academiei Romane pt. anul 2006
- Nominalizare pe lista scurta a premiului Luckhurst Samulski 2015 al revistei *Liquid Crystals* (editorial in Liquid Crystal 43(11), 1523-1525, 2016)
- un articol invitat in numarul omagial dedicat celor 30 ani de existenta al revistei *Liquid Crystals*
- 36 de articole premiate de UEFISCDI in cadrul competitiei „Premiere Rezultatelor Cercetarii - Articole”
- un articol selectat pe lista “The best of Soft Materials – 2010”, “The most cited articles from 2007 – 2009” si “The most cited articles from 2008 – 2010”, “The most cited articles from 2009 – 2011”, “The most cited articles from 2010 – 2012”, “The most cited articles from 2011 – 2013” în prezent fiind una din cele mai citate si una din cele mai citite lucrari din revista *Soft Materials*
- un articol premiat cu distinctia „Cel mai citat articol al Revistei Materiale Plastice” anul 2013
- distinctia „Top 1% Reviewers for Chemistry”, acordata de organizatia „PUBLONS” (<https://publons.com/dashboard/records/award/certificate/19157/>; <https://www.nature.com/news/the-scientists-who-get-credit-for-peer-review-1.16102>)

**Dr. Habil. Luminita Marin**

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