


## INFORMAȚII PERSONALE



## Ilia Gheorghe

 Strada Magnoliei, nr 6, 300704-Timisoara, Timis, Romania - acasa  
 Bvd. Mihai Viteazul, nr 24, 300223, Timisoara - servicii



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[gheorghe.ilia@e-uvt.ro](mailto:gheorghe.ilia@e-uvt.ro)

## POZIȚIA Conducator de doctorat UVT

## EXPERIENȚA PROFESIONALĂ

2004- prezent

**Profesor asociat**

Universitatea de Vest din Timișoara, Facultatea de Chimie Biologie Geografie,  
 Conducator doctorat

2019- 2021

Școala Doctorală de Chimie

**Cercetator Stiintific I**

Institutul de Chimie „Coriolan Dragulescu” <http://acad-icht.tm.edu.ro/>

Cercetare fundamentala

2007-2019

Sectia de chimie organica

**Cercetator Stiintific I**

Institutul de Chimie Timișoara al Academiei Române, <http://acad-icht.tm.edu.ro/>

Cercetare fundamentala

2004-2007

Sectia de chimie organica

**Cercetator Stiintific I; Sef Sectie**

Institutul de Chimie Timișoara al Academiei Române, <http://acad-icht.tm.edu.ro/>

Cercetare fundamentala; activitati administrative.

1990- 2004

Sectia de chimie organica

**Cercetator Stiintific III, II, I; Secretar Stiintific**

Institutul de Chimie Timișoara al Academiei Române, <http://acad-icht.tm.edu.ro/>

Cercetare fundamentala; activitati administrative.

1983-1989

Sectia compusi elementorganici

**Cercetător**

Centrul de Chimie Timișoara

Cercetare aplicativa

1981-1983

Sectia compusi elementorganici

**Inginer stagiar**

Intreprinderea de Nasturi si Mase Plastice Jimbolia

Industria maselor plastice

## EDUCAȚIE ȘI FORMARE

1991-1996

**Doctorat**

Contribuții la chimia și aplicațiile fosfiților și fosfonaților, Cond.  
 Științifici: Prof. dr. Carol Csunderlik, Prof. dr. ing. Radu Vâlceanu  
 Universitatea Politehnica Timișoara, Facultatea de Chimie Industrială

- 1976-1981 Studii superioare de inginerie chimica  
Institutul Politehnic Traian Vuia Timișoara; Facultatea de Tehnologie Chimica; Sectia Tehnologia Compușilor Macromoleculari
- 1970-1975 Studii liceale  
Liceul real-umanist, Oravița

## COMPETENTE PERSONALE

Limba(i) maternă(e) Romana

## Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleza	C1	C1	B2	B1	B2
Rusa	C1	B2	B2	A1	A1

Competențe de comunicare  
[Competențe organizaționale/managieriale](#)

- bune competențe de comunicare dobândite prin experiența proprie de responsabil de proiecte
- Cursuri postuniversitare:
- **Management organizațional și al resurselor umane**,
- Universitatea Politehnica din Timișoara, 2002-2003

## Competență digitală

AUTOEVALUARE				
Procesarea informației	Comunicare	Creare de conținut	Securitate	Rezolvarea de probleme
UTILIZATOR INDEPENDENT	UTILIZATOR INDEPENDENT	UTILIZATOR INDEPENDENT	UTILIZATOR INDEPENDENT	UTILIZATOR INDEPENDENT

- o bună stăpânire a unor programe de birou (procesor de text, calcul tabelar, software pentru prezentări)

Permis de conducere

Categoria B

## INFORMATII SUPLIMENTARE

- 2006-2016 Membru comisiei de Chimie a C.N.A.T.D.C.U. pentru confirmarea titlurilor de PROFESOR UNIVERSITAR, CONFERENȚIAR UNIVERSITAR, CERCETĂTOR ȘTIINȚIFIC gradul I și CERCETĂTOR ȘTIINȚIFIC gradul I, OMEdC\_3904/2006
- 2012- Current Green Chemistry- Associate Editor
- 2015- Current Catalysis – Editorial Board member

Publicații  
Prezentări  
Proiecte  
Conferințe  
Seminarii  
Distincții  
Afiliari  
Referințe  
Citări  
Cursuri  
Certificări

### Anexa 1. Activitate științifică

1	Articole publicate in reviste	313
2	<b>Articole indexate de Clarivate :</b> Web of Science™ Core Collection	225
	Data Citation Index <sup>SM</sup>	42
	Patents	4
3	<b>Articole indexate in Scopus</b>	215
4	<b>Articole indexate in Google Scholar Citations</b>	309
5	<b>Articole indexate in Reseach GATE</b>	286
	<b>Articole indexate in Publons</b>	268
6	<b>Hirsh index</b> Web of Science™ Core Collection	17
	Scopus	17
	Google scholar citations	20
	Reseach GATE	18
	Publons	17
7	<b>Citari</b> Web of Science™ Core Collection	1452
	Scopus	1452
	Google Scholar Citations	1866
	Reseach GATE	1555
	Publons	1441
8	<b>Proceedings</b>	122
9	<b>Abstracte la conferintele internationale</b>	171
10	<b>Abstracte la conferintele nationale</b>	89
11	<b>Carti</b>	11
12	<b>Capitole de carti</b>	17( 13 in edituri din strainatate)
13	<b>Proiecte nationale</b>	12
14	<b>Proiecte Internationale FP7-2010-GC-Electrochemical-Storage</b>	1
15	<b>Cooperari bilaterale (international)</b>	4

-Publons : <https://publons.com/researcher/822420/gheorghe-ilia/>

-ORCID ID : [orcid.org/0000-0002-2262-6122](http://orcid.org/0000-0002-2262-6122); <http://orcid.org/0000-0002-2262-6122>

-Scopus: [Scopus Author ID: 35614186900](https://scopus.com/authors/details/scopusid/35614186900)

-Google Scholar Citations

[https://scholar.google.com/citations?view\\_op=list\\_works&hl=en&user=pS7UTDUAAAAJ](https://scholar.google.com/citations?view_op=list_works&hl=en&user=pS7UTDUAAAAJ)

-ResearchGate- [https://www.researchgate.net/profile/Gheorghe\\_Ilia](https://www.researchgate.net/profile/Gheorghe_Ilia)

-BrainMap-U-1700-027Y-9867

**Editorial board member:**

-Global Journal of Analytical Chemistry- Editorial Board members for Spectroscopy -2009-2011

-American Journal of Polymer Science- Editorial Board member- **2010-2012**

Editor in chef **2012-**

<http://www.sapub.org/journal/aimsandscope.aspx?journalid=1019>

-Current Green Chemistry –Associate Editor -2012(<http://www.benthamscience.com/cgc/EBM.htm>)

-Current Catalysis – Editorial Board member-2015; <http://benthamscience.com/journals/current-catalysis/>

**Member of :**

Societatea de Chimie din România- **1996-**

Society of Plastic Engineers ( Societatea Inginerilor Polimeristi-[www.4spe.org](http://www.4spe.org))- 2009

**ACS-Nano** -2011-

## Anexe

### Lucrări științifice reprezentative:

Lavinia Macarie, Nicoleta Plesu, Smaranda Iliescu, Gheorghe Ilia, Synthesis of organophosphorus compounds using ionic liquids, *Reviews in Chemical Engineering*, **2018**, 34(5), 727–740 (IF<sub>2017</sub>=**4.490**)

Simona Popa, Smaranda Iliescu, Gheorghe Ilia, Nicoleta Plesu, Adriana Popa, Aurelia Visa, Lavinia Macarie, Solid polymer electrolytes based on phosphorus containing polymers for lithium polymer batteries, *European Polymer Journal*, **2017**, 94, 286–298 (IF=**3.531**)

Smaranda Iliescu, Nicoleta Plesu, **Gheorghe Ilia**, Synthetic routes to polyphosphoesters as solid polymer electrolytes for lithium ion batteries, *Pure Appl. Chem.* **2016**; 8888(10-11): 941–952, (IF<sub>2016</sub>=**2.626**)

Adriana Popa, Ramona Ene, Diana Visinescu, Ecaterina Stela Dragan, Gheorghe Ilia, Smaranda Iliescu, Viorica Parvulescu, Transitional metals immobilized by coordination on aminophosphonate functionalized copolymers and their catalytic properties. *Journal of Molecular Catalysis A: Chemical*, **2015**, 408, 262-270 (IF<sub>2014</sub>=**3.615**)

Balint E., Tajti A., Drahos L., Ilia G., Keglevich G.: Alcoholysis of dialkyl phosphites under microwave conditions. *Current Org. Chem.*, **2013**, 17(5), 555-562 (IF<sub>2012</sub>=**3.434**)

Manuela Crisan, Paulina Bourosh, Yurii Chumakov, Mihaela Petric, Gheorghe Ilia, Supramolecular Assembly and *Ab-initio* Quantum Chemical Calculations of 2-Hydroxyethylammonium Salts of *para*-Substituted Benzoic Acids, *Crystal Growth & Design*, **2013**, 13(1), 143–154 (IF<sub>2012</sub>=**4.689**)

Konstantinos D. Demadis, Anna Tsistraki, Adriana Popa, Gheorghe Ilia and Aurelia Visa, Promiscuous Stabilisation Behaviour of Silicic Acid by Cationic Macromolecules: the Case of Phosphonium-Grafted Dicationic Ethylene Oxide Bolaamphiphiles, *RSC Advances*, **2012**, 2(2), 631–641. (IF<sub>2012</sub>=**2.562**)

Lavinia Macarie, Gheorghe Ilia, Poly(vinylphosphonic acid) and its derivatives, *Progress in Polymer Science (Oxford)*, **2010**, 35(8), 1078-1092 (IF<sub>2010</sub>= **22.870**)

10. Gheorghe Ilia, Lavinia Macarie, Erika Bálint, György Keglevich, Phase Transfer Catalysis in Phosphorus Chemistry, *Catalysis Reviews Sci. Eng.*, **2011**, 53(2), 152–198, (IF<sub>2010</sub>=**7.000**)

Gheorghe Ilia, Phosphorus containing hydrogels, *Polymers for Advanced Technologies*, **2009**, 20, 707–722, (IF<sub>2009</sub>=**1.532**)

Andreea Micle, Natalia Miklášova, Richard Varga, Aurelia Pascariu, Nicoleta Pleșu, Mihaela Petric, Gheorghe Ilia, A versatile synthesis of a new bisiminophosphorane, *Tetrahedron Letters*, **2009**, 50(40), 5622-5624, (IF<sub>2009</sub>= **2.660**)

Smaranda Iliescu, Gheorghe Ilia, Nicoleta Plesu, Adriana Popa, Aurelia Pascariu, Solvent and catalyst-free synthesis of polyphosphates, *Green Chemistry*, **2006**, 8(8), 727-730 (IF<sub>2006</sub>=**4.192**)

Smaranda Iliescu, Gheorghe Ilia, Aurelia Pascariu, Adriana Popa, Nicoleta Plesu, Novel synthesis of phosphorus containing polymers under inverse phase transfer catalysis, *Polymer*, **2006**, 47(19) 6509-6512 (IF<sub>2006</sub>=**2.773**)

Gheorghe Ilia, Smaranda Iliescu, Adriana Popa, A new method for the synthesis of triaryl phosphates, *Green Chemistry*, **2005**, 7(4), 217-218 (IF<sub>2005</sub>=**3.255**)

### Capitole de carte in edituri consacrate (selectie):

- Lavinia Macarie, **Gheorghe Ilia**, Synthesis and Polymerization of Vinylphosphonic Acid, In: RSC Polymer Chemistry Series No. 11, Phosphorus-Based Polymers: From Synthesis to Applications, Eds. Sophie Monge and Ghislain David, 334 pg., Chapter 4, Published by The Royal Society of Chemistry, Cambridge, England, 2014, pp. 51-67.
- Lavinia Lupa, Adriana Popa, **Gheorghe Ilia**, Use of phosphorus-containing polymers for the removal of metal ions from wastewaters, In: RSC Polymer Chemistry Series No. 11, Phosphorus-Based Polymers: From Synthesis to Applications, Eds. Sophie Monge and Ghislain David, 334 pg., Chapter 11, Published by The Royal Society of Chemistry, Cambridge, England, 2014, pp. 225-251.
- Aurelia Visa, Bianca Maranescu, **Gheorghe Ilia**, Hypophosphorous Acid and its Salts as Reagents in Organophosphorus Chemistry, in: Chemistry Beyond Chlorine, P. Tundo, L.-N. He, E. Lokteva, C.J. de A. Mota (Eds.), Springer, 2016, pp. 137-168,
- Simona Funar-Timofei, Gheorghe Ilia, QSAR modeling of dye ecotoxicity. In: Ecotoxicological QSARs, Kunal Roy Ed., Series Title: Methods in Pharmacology and Toxicology, DOI: 10.1007/978-1-0716-0150-1, **2020**, pp. **405-436**, Humana, New York, NY, part of Springer Nature
- Alina Bora, Luminita Crisan, Ana Borota, Simona Funar-Timofei, Gheorghe Ilia, Ecotoxicological QSAR modeling of organophosphorus and neonicotinoid pesticides. In: Ecotoxicological QSARs, Kunal Roy Ed., Series Title: Methods in Pharmacology and Toxicology, DOI: 10.1007/978-1-0716-0150-1, **2020**, pp. **513-544**, Humana, New York, NY, part of Springer Nature
- Vasile Simulescu, Simona Funar-Timofei, Vlad Chiriac, Gheorghe Ilia, Synthesis of Phosphorus-Based Phosphors, In: Kanchan Upadhyay, Sabu Thomas, Raunak Kumar Tamrakar, Eds., Hybrid Phosphor Materials-Synthesis, Characterization and Applications, **2022**, pp. 119-149, Springer Nature Switzerland AG., [https://doi.org/10.1007/978-3-030-90506-4\\_5](https://doi.org/10.1007/978-3-030-90506-4_5)

### Proiecte Europene

1. FP7-2010-GC-ELECTROCHEMICAL-STORAGE: SOMABAT—Development of novel SOLid MATerials for high power Li polymerBATteries (SOMABAT). Recyclability of components.

#### Proiecte Nationale

1. Proiect INVENT 2002-2005, denumirea proiectului: Procedeu de obtinere a benzildimetilcetaturii, titular: ICPAO Medias, partener: Institutul de Chimie Timișoara, suma: 256.000.000 lei, responsabil: **Dr. Ing. Gheorghe Ilia**.
2. Contractul MENER Nr. 633/03.10.2005, denumirea proiectului: Comportarea termica a metereialelor cu impact asupra mediului, director proiect: Prof. Dr. Ing. Nicolae Doca - Universitatea de Vest Timisoara, valoarea proiectului : 1430000 RON, parteneri :3, partener 1. Institutul de Chimie Timisoara responsabil: **Dr. Ing. Gheorghe Ilia**, valoarea subcontractului (sursa-buget de stat): 90000 RON, durata contractului 2005-2008
3. Contract MATNANTECH NR. 82/2006, denumirea proiectului: Hibrizi organici-anorganici cu proprietati speciale pe baza de compusiorganofosforici, director de proiect: **Dr. Ing. Gheorghe Ilia** - Institutul de Chimie Timisoara, durata contractului 2006-2008.
4. Contract PNII nr. 94/2008, Modul III Capacități, Proiect bilateral România-Africa de Sud, parteneri Institutul de Chimie Timișoara și Cape Peninsula University of Technology Cape Town, Titlul proiectului: Polimeri organici ai acidului vinilfosfonic utilizați ca schimbători de ioni în cromatografrit, director de proiect: dr.ing. Macarie Lavinia - Institutul de Chimie Timișoara, valoare totală: 231300 lei, din care 25400 lei/2008, durata: 2 ani și 2 luni

Timisoara,  
31.12.2022

**Gheorghe Ilia**