



ACADEMIA ROMÂNĂ
SCOSAAR

Anexa nr. 2

**FIȘA DE ÎNDEPLINIRE A STANDARDELOR MINIMALE
conform CNATDCU**

Candidat: CSII Dr. Luminița Ghimici

<i>Categorie: Profesor universitar CSI/Abilitare</i>	<i>N_{max}</i>	<i>FIC</i>	<i>FIC_D</i>	<i>FIC_{AP}</i>	<i>FIC_{AC}</i>	<i>h_{index}</i>
Conditii minimale	50	100	70	50	25	13
Punctaj obtinut de candidat	50	159.116	159.116	112.957	112.975	19

(*) N_{max} = primele 50 lucrări organizate în ordine descrescătoare a factorilor de impact corespunzători revistelor în care au fost publicate;

(**) FIC = factorul de impact cumulat minimal al revistelor în care s-au publicat cele 50 de lucrări;

(***) FIC_D = factorul de impact cumulat minimal din cele 50 publicații în domeniile de cercetare declarate;

(****) FIC_{AP} = factorul de impact cumulat minimal din cele 50 de publicații în calitate de autor principal (prim autor și/sau autor de corespondență);

(*****) FIC_{AC} = factorul de impact cumulat minimal din cele 50 de publicații în calitate de autor de corespondență.

Data: 29.10. 2018

Semnătura

FIȘA DE VERIFICARE

Lista a 50 articole selectate (N_{max}) publicate în reviste de specialitate de circulație internațională (indexate de Web of Science)

<i>Categorie: Profesor universitar/ CSI/Abilitare</i>	N_{max}	<i>FIC</i>	<i>FIC_D</i>	<i>FIC_{AP}</i>	<i>FIC_{AC}</i>	<i>h_{index}</i>
Condiții minimale	50	100	70	50	25	13
<i>Punctaj obținut de candidat</i>	50	<i>159.116</i>	<i>159.116</i>	<i>112.957</i>	<i>112.975</i>	<i>19</i>
1	Luminita Ghimici, Marieta Constantin, Gheorghe Fundueanu <i>Novel biodegradable flocculating agents based on Pullulan</i> J. Hazard. Mater. 181 (2010) 351-358	6.434	6.434	6.434	6.434	
2	Luminita Ghimici, Marieta Constantin <i>Novel thermosensitive flocculating agent based on pullulan</i> J. Hazard. Mater. 192 (2011) 1009- 1016	6.434	6.434	6.434	6.434	
3	Luminita Ghimici, Marieta Nichifor <i>Novel biodegradable flocculating agents based on cationic amphiphilic polysaccharides</i> Biores. Technol. 101 (2010) 8549-8554	5.807	5.807	5.807	5.807	
4	Marieta Nichifor, Magdalena Cristina Stanciu, Luminita Ghimici, Bogdan.C. Simionescu <i>Hydrodynamic properties of some cationic amphiphilic polysaccharides in dilute and semi-dilute aqueous solutions</i> Carbohydr. Polym. 83 (2011) 1887- 1894	5.158	5.158	-	-	
5	Luminita Ghimici, Marieta Nichifor, Andreas Eich, Bernhard A. Wolf <i>Intrinsic viscosities of polyelectrolytes in the absence and in the presence of extrasalt: Consequences of the stepwise conversion of dextran into a polycation</i> Carbohydr. Polym. 87 (2012) 405- 410	5.158	5.158	5.158	5.158	

6	Marieta Constantin, Ionela Asmarandei, Valeria Harabagiua, Luminita Ghimici , Paolo Ascenzi, Gheorghe Fundueanua <i>Removal of anionic dyes from aqueous solutions by an ion-exchanger based on pullulan microspheres</i> Carbohydr. Polym. 91 (2013) 74- 84	5.158	5.158	-	-	
7	Luminita Ghimici , Marieta Nichifor <i>Separation of TiO₂ particles from water and water/methanol mixtures by cationic dextran derivatives</i> Carbohydr. Polym. 98 (2013) 1637-1643	5.158	5.158	5.158	5.158	
8	Luminita Ghimici , Marieta Nichifor <i>Ionic dextran derivatives for removal of Fastac 10 EC from its aqueous emulsions</i> Carbohydr. Polym. 134 (2015) 46–51	5.158	5.158	5.158	5.158	
9	Luminita Ghimici , Marieta Nichifor <i>Dextran derivatives application as flocculants</i> Carbohydr. Polym. 190 (2018) 162-174	5.158	5.158	5.158	5.158	
10	Luminita Ghimici , Marieta Nichifor <i>Transport Properties of Some Cationic Polysaccharides 2. Charge density effect</i> J. Colloid. Interf. Sci. 302 (2006) 589-596	5.091	5.091	5.091	5.091	
11	Luminita Ghimici <i>Cationic polyelectrolyte induced separation of some inorganic contaminants and their mixture (zirconium silicate, kaolin, K- feldspar, zinc oxide) as well as of the paraffin oil from water</i> J. Environ. Manag. 169 (2016) 1-7	4.005	4.005	4.005	4.005	
12	Luminita Ghimici , Marieta Constantin <i>Removal of the commercial pesticides Novadim Progress, Bordeaux mixture and Karate Zeon by pullulan derivatives based flocculants</i> J. Environ. Manag. 218 (2018) 31-38.	4.005	4.005	4.005	4.005	
13	Luminita Ghimici , Simona Morariu, Marieta Nichifor <i>Separation of clay suspension by ionic dextran derivatives</i> Sep. Purif. Technol. 68 (2009) 165-171	3.927	3.927	3.927	3.927	

14	Luminita Ghimici , C.E. Brunchi <i>Titanium dioxide separation from water by PEG and Pluronic type polymers</i> Sep. Purif. Technol. 103 (2013) 306–312	3.927	3.927	3.927	3.927	
15	Luminita Ghimici , Marieta Nichifor <i>Flocculation performance of different cationic amphiphilic dextran derivatives in zirconium silicate suspension</i> Sep. Purif. Technol. 133 (2014) 254–259	3.927	3.927	3.927	3.927	
16	Luminita Ghimici. , Dana Mihaela Suflet <i>Phosphorylated polysaccharide derivatives as efficient separation agents for zinc and ferric oxides particles from water</i> Sep. Purif. Technol. 144 (2015) 31–36	3.927	3.927	3.927	3.927	
17	Luminita Ghimici , M. Nichifor <i>Flocculation characteristics of a biodegradable polymer based on dextran</i> Sep. Purif. Technol. 194 (2018) 48-55	3.927	3.927	3.927	3.927	
18	Luminita Ghimici , I.A. Dinu <i>Removal of some commercial pesticides from aqueous dispersions using as flocculant a thymine-containing chitosan derivative</i> Sep. Purif. Technol. 209 (2019) 698-706	3.927	3.927	3.927	3.927	
19	Luminita Ghimici . Cristina-Eliza Brunchi . Alina Diaconu <i>Removal of some commercial Pesticides containing a-Cypermethrin, Deltamethrin and activeingredients by chitosan solution</i> Cellulose 23 (2016) 3837–3846	3.809	3.809	3.809	3.809	
20	Stela. Dragan, Ioan Dranca, Luminita Ghimici , Mariana Cristea, Gheorghe Funduianu, Tudor Lupascu <i>Thermal Behaviour of Some Cationic Poyelectrolytes and Polyelectrolyte Complexes</i> Eur. Polym. J. 34 (1998) 733-737	3.741	3.741	-	-	
21	Luminita Ghimici , Florin Popescu <i>Determination of Intrinsic Viscosity for some Cationic Polyelectrolytes by Fedors Method</i> Eur. Polym. J. 34 (1998) 13-17	3.741	3.741	3.741	3.741	

22	Luminita Ghimici , I. Dranca, Stela Dragan, T. Lupascu, A. Maftuleac <i>Hydrophobically Modified Cationic Polyelectrolytes</i> Eur. Polym. J. 37 (2001) 227-231	3.741	3.741	3.741	3.741	
23	Stela Dragan, Marcela Mihai, Luminita Ghimici <i>Viscometric study of poly(sodium 2-acrylamido-2-methylpropanesulfonate) and two random copolymers</i> Eur. Polym. J. 39 (2003) 1847-1854	3.741	3.741	-	-	
24	Stela Dragan, Luminita Ghimici <i>Viscometric Behaviour of of Some Hydrophobically Modified Cationic Polyelectrolytes</i> Polymer 42 (2001) 2887-2891	3.483	3.483	-	-	
25	Luminita Ghimici , Marieta Nichifor, Bernhard Wolf <i>Ionic Polymers Based on Dextran: Hydrodynamic Properties in Aqueous Solution and Solvent Mixtures</i> J. Phys. Chem B 113 (2009) 8020-8025	3.146	3.146	3.146	3.146	
26	Luminita Ghimici , Marieta Constantin <i>The separation of the pyrethroid insecticide by cationic pullulan derivatives</i> React. Funct. Polym. 95 (2015) 12-18	2.975	2.975	2.975	2.975	
27	Luminita Ghimici , Marieta Nichifor <i>Flocculation by cationic amphiphilic polyelectrolyte: Relating efficiency with the association of polyelectrolyte in the initial solution</i> Colloids Surf. A: Physicochem. Eng. Aspects 415 (2012) 142-147	2.829	2.829	2.829	2.829	
28	Stela Dragan, Luminita Ghimici <i>Cationic Polyelectrolytes XI. Polymers with Quaternary N-atoms in the Main Chain Obtained by Condensation Polymerization of Epichlorohydrin with Amines</i> Macromol. Mater. Eng. (Angew. Macromol. Chem.) 192 (1991) 199-211	2.69	2.69	-	-	
29	Tudor Lupascu, Ion Dranca, Maria Sandu, Stela Dragan, Luminita Ghimici <i>The Study of Some Flocculating Processes with Cationic Polyelectrolytes</i> Macromol. Mater. Eng. (Angew. Makromol. Chem.) 220 (1994) 11-19	2.69	2.69	-	-	

30	Stela Dragan, Luminita Ghimici <i>Cationic Polyelectrolytes XII. PEG-Precursors for Water Soluble Cationic Polymers with Tertiary N-atoms in the Main Chain</i> Macromol. Mater. Eng. (Angew. Makromol. Chem.) 215 (1994) 107- 119	2.69	2.69	-	-	
31	Luminita Ghimici , Stela Dragan, Forin Popescu <i>Interactions of the Low Molecular Weight Salts with Cationic Polyelectrolytes</i> J. Polym. Sci. : Polym. Phys. Ed. 35 (1997) 2571-2581	2.499	2.499	2.499	2.499	
32	Luminita Ghimici , Marieta Nichifor <i>Electrical Conductivity of Some Cationic Polysaccharides. I. Effects of Polyelectrolyte Concentration, Charge Density, Substituent at the Ionic Group, and Solvent Polarity</i> J. Polym. Sci.: Polym. Phys. Ed. 43 (2005) 3584-3590	2.499	2.499	2.499	2.499	
33	Stela Dragan, Demetra Dragan, Mariana Cristea, A. Airinei, Luminita Ghimici <i>Polyelectrolyte Complexes. II. Specific Aspects of the Formation of Polycation /Dye/Polyanions Complexes</i> J. Polym. Sci. Part A: Polym. Chem. 37 (1999) 409-418	2.588	2.588	-	-	
34	M. Cazacu, Luminita Ghimici , Stela Dragan <i>Ionic Organic/Inorganic Materials. II. New Linear and Crosslinked Poly(ethylene oxide)-Based Ionomers by Quaternization with Chloroalkyl-Functionalized Siloxanes</i> J. Polym. Sci.: Part A: Polymer Chemistry 42 (2004) 3720 -3728	2.588	2.588	-	-	
35	Ecaterina Stela Dragan, Marcela Mihai, J. Schauer, Luminita Ghimici <i>PAN Composite Membrane with Different Solvent Affinities Controlled by Surface Modification Methods</i> J. Polym. Sci.: part A: Polym. Chem. 43 (2005) 4161-4171	2.588	2.588			

36	Stela Dragan, Luminita Ghimici , Mariana Cristea, A. Airinei <i>Polyelectrolyte Complexes III. Binding Characteristics of Some Polydentate Anionic Azo Dyes to Polycations with N, N-dimethyl-2-hydroxypropylene Ammonium Chloride Units in the Main Chain</i> Macromol. Chem. Phys. (Acta Polym.) 50 (1999) 260-266	2.5	2.5	-	-	
37	Luminita Ghimici , Stela Dragan <i>Cationic Polyelectrolytes Behaviour upon Binding of Electrolytes: Effects of Polycation Structure, Counterions and Solvent Nature</i> Colloid Polym. Sci. 280 (2002) 130-134	1.967	1.967	1.967	1.967	
38	Luminita Ghimici , Marieta Nichifor <i>Transport Properties of Some Cationic Amphiphilic Polysaccharides. Effects of Side Chain Length and Solvent Polarity</i> J. Appl. Polym. Sci. 111(6) (2009) 3031-3038	1.901	1.901	1.901	1.901	
39	Dragan, A. Maftuleac, Ioan Dranca, Luminita Ghimici , Tudor Lupascu <i>Flocculation of Montmorillonite by some Hydrophobically Modified Polycations Containing Quaternary Ammonium Salt Groups in the Backbone</i> J. Appl. Polym. Sci. 84 (2002) 871-876	1.901	1.901	-	-	
40	Luminita Ghimici , Ecaterina Avram <i>Viscometric study of quaternized polysulfones</i> J. Appl. Polym. Sci. 90 (2003) 465-469	1.901	1.901	1.901	1.901	
41	Luminita Ghimici , Stela Dragan <i>Transport and Flocculation Properties of some cationic polyelectrolytes</i> Environ. Eng. Manag. J. 1 (2002) 333-340	1.334	1.334	1.334	1.334	
42	Ecaterina Stela Dragan, Luminita Ghimici , Marcela Mihai <i>Pollutants Removal with Synthetic Polycations and Their complexes</i> Environ. Eng. Manag. J. ICEEM/01 5 (4) (2006) 625-634	1.334	1.334	-	-	
43	Marcela Mihai, Luminita Ghimici , Ecaterina Stela Dragan Application of Polycations in separation processes Environ. Eng. Manag. J. 6(5) (2007) 419-423	1.334	1.334	-		

44	Stela Dragan, Luminita Ghimici , Adrian Carpov, Elena Chirica, Maria Maftei <i>Polielectroliti cationici X. Contributii la sinteza coagulantilor macromoleculari prin polimerizarea condensativa a epichlorhidrinei cu dimetilamina si o amina polifunctionala</i> Materiale Plastice 27 (1990) 72-78	1.248	1.248	-	-	
45	Luminita Ghimici , Maria Bercea, Ecaterina Stela Dragan <i>Solution Properties of Some Cationic Polyelectrolytes</i> Materiale Plastice 46 (1) (2009) 26-31	1.248	1.248	1.248	1.248	
46	Stela Dragan, Luminita Ghimici , Gheorghe Stoica, Virgil Barboiu <i>Reactive Ionic Oligomers. I. Precursors for Water Soluble Cationic Polymers Obtained by Reaction of Dimethylamine and Epichlorohydrin</i> J. Macromol. Sci. Chem. A28 (1991) 283-296	1.057	1.057	-	-	
47	Stela Dragan, Virgil Barboiu, Luminita Ghimici <i>Reactive Ionic Oligomers. II. Oligomers of Ammonium Quaternary Salts Obtained from the Reaction of Diethylamine with Epichlorohydrin</i> J. Macromol. Sci.-Pure Appl. Chem. A30 (1993) 35-40	1.057	1.057	-	-	
48	Luminita Ghimici , Marieta Nichifor <i>Flocculation properties of some cationic polysaccharides</i> J. Macro. Sci., Part B 48(1) (2009) 106-113	1.005	1.005	1.005	1.005	
49	Luminita Ghimici , Maria Bercea, Ecaterina Stela Dragan <i>Rheological Properties of Some Cationic Polyelectrolytes</i> J. Macro. Sci., Part B 48(5) (2009) 1011-1024	1.005	1.005	1.005	1.005	
50	Luminita Ghimici <i>Viscosity of some cationic polyelectrolyte and its potential use as flocculant in solid/liquid separation process</i> J. Macro. Sci., Part B 48(6) (2009) 1252-1262	1.005	1.005	1.005	1.005	

Data: 29.10.2018

Semnatura

