



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **GLIGOR (b. DICU) Delia-Maria**
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E-mail delia.gligor@ubbcluj.ro; gligor.deliamaria@yahoo.com
Nationality Romanian
Date of birth October 8 ,1971
Gender female

Work experience

Dates	February 2015 - present
Occupation or position held	Supervisor for PhD students in Environmental Sciences Doctoral School
Main activities and responsibilities	Supervisor for PhD students. Areas of interest: Developing and characterization of new electrochemical sensors/biosensors based on innovative materials and their application for environmental pollution control Monitoring of chemical pollutants in water, soil and vegetation samples
Name and address of employer	Babeş-Bolyai University of Cluj-Napoca, Faculty of Environmental Science and Engineering, Mihail Kogalniceanu St. no. 1, 400084 Cluj-Napoca
Type of business or sector	University education, teaching-research
Dates	April 2013 - present
Occupation or position held	Associate professor
Main activities and responsibilities	Teaching courses, seminars and practical works in areas: Fundamental elements of chemistry Chemically dangerous pollutants in environment Evaluation and management of chemically dangerous substances risk Polluted sources, processes and products Green chemistry Research in area of amperometric sensors for environmental monitoring Supervisor for undergraduate students
Name and address of employer	Babeş-Bolyai University of Cluj-Napoca, Faculty of Environmental Science and Engineering, Mihail Kogalniceanu St. no. 1, 400084 Cluj-Napoca
Type of business or sector	University education, teaching-research
Dates	March 2009 – March 2013

Occupation or position held	Lecturer
Main activities and responsibilities	Teaching courses, seminars and practical works in areas: Fundamental elements of chemistry Chemically dangerous pollutants in environment Evaluation and management of chemically dangerous substances risk Polluted sources, processes and products Green chemistry Research in area of amperometric sensors for environmental monitoring Supervisor for undergraduate students
Name and address of employer	Babeş-Bolyai University of Cluj-Napoca, Faculty of Environmental Science and Engineering, Mihail Kogalniceanu St. no. 1, 400084 Cluj-Napoca
Type of business or sector	University education, teaching-research
Dates	February 2003 – February 2009
Occupation or position held	Teaching assistant
Main activities and responsibilities	Teaching courses, seminars and practical works in areas: Electrochemistry Electrochemical sensors Research in area of amperometric bio/sensors, investigation techniques of electrode process Supervisor for undergraduate students
Name and address of employer	Babeş-Bolyai University of Cluj-Napoca, Faculty of Chemistry and Chemical Engineering, Mihail Kogalniceanu St. no. 1, 400084 Cluj-Napoca
Type of business or sector	University education, teaching-research
Dates	December 2002 – January 2003 September 1996 – October 1999
Occupation or position held	Teacher in high school
Main activities and responsibilities	Teaching chemistry courses
Name and address of employer	Anghel Saligny Technical College Cluj-Napoca and Theoretical High School Negreşti-Oaş (Satu Mare)
Type of business or sector	High school education, teaching

Education and training

Dates	1999 – 2002
Title of qualification awarded	PhD PhD Diploma in Chemistry (Physical Chemistry)
Principal subjects/occupational skills covered	Natural sciences, Chemistry
Name and type of organisation providing education and training	Babeş-Bolyai University of Cluj-Napoca, Faculty of Chemistry and Chemical Engineering
Dates	1995 – 1996
Title of qualification awarded	Master Sc. In Electrochemistry Diploma of Master studies
Principal subjects/occupational skills covered	Applied electrochemistry
Name and type of organisation providing education and training	Babeş-Bolyai University of Cluj-Napoca, Faculty of Chemistry and Chemical Engineering

Dates 1990 – 1995

Title of qualification awarded B. Sc. in Physical Chemistry
Diploma of B. Sc. in Physical Chemistry

Principal subjects/occupational skills covered Physical Chemistry

Name and type of organisation providing education and training Babeş-Bolyai University of Cluj-Napoca, Faculty of Chemistry and Chemical Engineering

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

European level ()*

English

French

Understanding		Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production	
	C1		C1		C1		C1
	B1		B1		B1		B1

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences Good abilities of communication, team building and organization, decision capacity

Organisational skills and competences Capacity of leading researcher projects (6 national research projects and one international - bilateral cooperation); supervisor of 40 diploma works (B.Sc. and M. Sc)

Computer skills and competences Windows: Microsoft Office (Word, Excel, Power Point), Origin, Adobe Acrobat, Internet Explorer

Driving licence Driving license type B

Additional information

Publications:

Books – 6
ISI papers– 49
National patent - 1
Other papers – 18
Research projects – 7 as project director and 22 as member
65 scientific communications to international conferences and 12 to national conferences
ResearcherID: B-7432-2011, Hirsch index: 11

Research stages:

1. 1 August – 30 September 2013; 18 November-14 December 2013, Technische Universitaet Ilmenau, Ilmenau (Germany), Prof. Andreas Bund, Deutsche Forschungsgemeinschaft fellowship DFG (2 months) and DAAD fellowship (one month).
2. 17 – 28 September 2008, Çanakkale Onsekiz Mart University, Çanakkale (Turkey), Science & Art Faculty, Department of Chemistry, Dr. Yusuf Dilgin
3. 29 March– 13 April 2008, Henry Poincare University, Nancy (France), Laboratoire de Chimie Physique et Microbiologie pour l'Environnement, Dr. Alain Walcarius
4. 1 November– 1 December 2001; 1 March - 31 May 2002; 20 May 2006 – 3 June 2006; 11 - 25 March 2007; 10 - 24 November 2007; 29 May – 7 June 2008; 21 - 31 August 2008; 6 - 22 June 2009, Lund University (Sweden), Department of Analytical Chemistry/Biochemistry, Prof. Lo Gorton

Projects as director project:

1. *Multiparametric system for wine monitoring fermentation (SENS-WINE)*, PN-II-PT-PCCA-2013-4-0297, 2014-2017, responsabil proiect
2. *Nanomaterials with applications in mediated electrocatalysis on modified electrodes*, IDEI, ID_512 / 2007-2010, CNCSIS, 738380 RON.
3. *Modified electrodes for NADH electrocatalytic and photoelectrocatalytic oxidation*, bilateral cooperation project Romania-Turkey, ANCS, 2008-2010, 28676 RON.
4. *Modified electrodes with zeolites and clays for bioelectrocatalytic detection of some compounds of medical interest*, CEEEX ET, cod 50/2006-2008, CNCSIS, 140000 RON.
5. *Advanced electrode materials constituted by redox mediators immobilized on solid ionic exchangers*, CNCSIS AT, 66-2006, CNCSIS, 18000 RON.
6. *Electrochemical investigation of NADH oxidation reaction on electrodes modified with phenothiazine derivatives adsorbed on zirconium phosphate*, CNCSIS AT 2002-2003, CNCSIS, 32400000 ROL.
7. *Study of electrochemical behavior of some modified electrodes with phenothiazine derivative, used for obtaining of amperometric biosensors*, ANSTI 2000-2001, 29750000 ROL

Professional membership:

International Society of Electrochemistry (ISE)
Romanian Society of Chemistry

Reviewer of ISI journals:

Electrochimica Acta
Sensor Letters
Journal of Physical Chemistry
Desalination
Food Chemistry

ResearcherID: B-7432-2011, Hirsch index: 11

Annexes Publication list

22.05.2017

PUBLICATION LIST

a) PhD Thesis

„Modified electrodes for NADH electrocatalytic oxidation”, in Chemistry, at „Babeş-Bolyai” University of Cluj-Napoca. **Defended on 22.11.2002.**

b) Habilitation thesis

Delia-Maria Gligor, „*Amperometric sensors for environmental applications based on modified electrodes*”, **Defended on 30.07.2014.**

Certificate of habilitation and quality of supervisor for PhD students in *Environmental Sciences* domain, according to National Education Minister Order no. 623 / 06.11.2014.

c) Patent

1. Delia Maria Gligor, Codruța Mihaela Varodi, Sanda Andrada Măicăneanu, Liana Maria Mureșan, *Obtaining method of an amperometric sensor for hydrogen peroxide detection, based on carbon paste electrode modified with a copper enriched natural zeolite*. National patent no. 128064/2013, OSIM.

d) Books, chapters

1. Mihaela Ligia Ungureșan, Lorentz Jäntschi, **Delia Maria Gligor**, *Aplicații educaționale de chimie pe calculator (Educational applications of chemistry on computer) (in Romanian)*, Ed. Mediamira, Cluj-Napoca, **2004**, 247 pag. (ISBN 973-713-031-6).

2. Delia Maria Gligor, Mihaela Ligia Ungureșan, *Noțiuni de electrochimie (Notions of electrochemistry) (in Romanian)*, Ed. Galaxia Gutenberg, Cluj-Napoca, **2009**, 183 pag. (ISBN 978-973-141-208-5).

3. Delia Maria Gligor, Andrada Măicăneanu, *Applications of clay minerals in electrochemistry and wastewater treatment*, In Clay: Types, Properties and Uses; Editors: Justin P. Humphrey and Daniel E. Boyd; Nova Science Publishers, Inc., New York, **2011**, pp. 1-62. (ISBN 978-1-61324-449-4).

4. Mihaela Ligia Ungureșan, **Delia Maria Gligor**, *General chemistry*, Ed. Galaxia Gutenberg, Cluj-Napoca, **2012**, 488 pag. (ISBN 978-973-141-448-5).

5. Delia Maria Gligor, *Phenothiazine modified electrodes for mediated oxidation of NADH*, Ed. Galaxia Gutenberg, Cluj-Napoca, **2012**, 101 pag. (ISBN 978-973-141-446-1).

6. Delia Maria Gligor, Cristina Roșu, *Elemente fundamentale de chimia mediului (Fundamental elements of environmental chemistry) (in Romanian)*, Ed. Galaxia Gutenberg, Cluj-Napoca, **2012**, 170 pag. (ISBN 978-973-141-503-1).

Didactic support: practical works

1. I. C. Popescu, L. Mureșan, A. Nicoară, G. L. Turdean, P. Ilea, **D. Gligor**, *Lucrări practice de electrochimie (Practical works of electrochemistry) (in Romanian)*, Litografia Babeș-Bolyai University, **2006**, 50 pag.

e) Papers in ISI journals

1. Delia Dicu, Liana Mureșan, Ionel Cătălin Popescu, Castelia Cristea, Ioan Alexandru Silberg, Pierre Brouant, *Modified electrodes with new phenothiazine derivatives for electrocatalytic oxidation of NADH*, *Electrochimica Acta*, **2000**, 45, 3951-3957 (I.F. = 1.597).

2. Delia Gligor, Liana Mureșan, Ionel Cătălin Popescu, Ioan Alexandru Silberg, *Chlorinated phenothiazine derivatives as mediators for NADH oxidation. I. Undecachloro-1, 2-dihydro-phenothiazine graphite modified electrode*, *Revue Roumaine de Chimie*, **2002**, 47, 953-961 (I.F. = 0.229).

3. Florentina-Daniela Munteanu, **Delia Dicu**, Ionel Cătălin Popescu, Lo Gorton, *NADH oxidation using carbonaceous electrodes modified with dibenzo-dithia-diazapentacene*, *Electroanalysis*, **2003**, 15, 383-391 (I.F. = 1.811).

4. Delia Dicu, Florentina-Daniela Munteanu, Ionel Cătălin Popescu, Lo Gorton, *Indophenol and o-quinone derivatives immobilized on zirconium phosphate for NADH electro-oxidation*, *Analytical Letters*, **2003**, 36, 1755-1779 (I.F. = 0.929).

5. Delia Gligor, Liana Mureșan, Ionel Cătălin Popescu, Ioan Alexandru Silberg, *Chlorinated phenothiazine derivatives as mediators for NADH oxidation. II. Comparative study of octachloro-phenothiazinyl and heptachloro-hidroxi-phenothiazine modified graphite electrodes*, *Revue Roumaine de Chimie*, **2003**, 48, 463-470 (I.F. = 0.219).

6. Florentina-Daniela Munteanu, **Delia Gligor**, Ionel Cătălin Popescu, Lo Gorton, *Formate dehydrogenase-modified carbon paste electrodes for amperometric detection of formate*, *Revue Roumaine de Chimie*, **2006**, 51, 25-30 (I.F. = 0.208).

7. Raluca C. Crețu, **Delia M. Gligor**, Laura Mureșan, Ionel Cătălin Popescu, Liana M. Mureșan, *Kinetic characterization of Prussian Blue-modified graphite electrodes for amperometric detection of hydrogen peroxide*, *Journal of Applied Electrochemistry*, **2006**, 36, 1327-1332 (I.F. = 1.409).

8. Delia Gligor, Liana M. Mureșan, Anca Dumitru, Ionel Cătălin Popescu, *Electrochemical behavior of carbon paste electrodes modified with Methylene Green immobilized on two different X type zeolites*, *Journal of Applied Electrochemistry*, **2007**, 37, 261-267 (I.F. = 1.417).

9. Vasilica Lateș, **Delia Gligor**, Liana Mureșan, I. C. Popescu, R. Gropeanu, I. Grosu, *Graphite electrodes modified with 3,7-di(m-aminophenyl)-10-ethyl-phenothiazine*, *Studia Universitatis "Babeș-Bolyai", Chemia*, **2007**, LII, 1, 11-17. *Recunoscut ISI*

10. Codruța Varodi, **Delia Gligor**, Liana M. Mureșan, *Modified carbon paste electrodes incorporating synthetic zeolites for amperometric detection of ascorbic acid*, *Studia Universitatis "Babeș-Bolyai", Chemia*, **2007**, LII, 1, 109-117. *Recunoscut ISI*

11. Castelia Cristea, Gabriela Cormoș, Luiza Găină, Luminița Silaghi-Dumitrescu, **Delia Gligor**, Liana Mureșan, Ionel Cătălin Popescu, *Microwave-assisted synthesis and electrochemical behaviour of phenothiazine-formaldehyde polymer derivative*, *Studia Universitatis "Babeș-Bolyai", Chemia*, **2007**, 4, 23-31. *Recunoscut ISI*

12. Vasilica Lates, **Delia Gligor**, Mircea Dărăbanțu, Liana M. Mureșan, *Electrochemical behavior of a new s-triazine based dendrimer*, Journal of Applied Electrochemistry, **2007**, 37, 631-636 (I.F. = 1.417).
13. Codruta Varodi, **Delia Gligor**, Liana M. Mureșan, *Carbon paste electrodes modified with Methylene Blue immobilized on a synthetic zeolite*, Revue Roumaine de Chimie, **2007**, 52, 81-88 (I.F. = 0.262).
14. Ossi Horovitz, **Delia Gligor**, Ionel Cătălin Popescu, *Correlations between electrochemical activity of phenothiazine derivatives modified graphite electrodes and some structural and molecular characteristics*, Revue Roumaine de Chimie, **2007**, 52, 823-828 (I.F. = 0.262).
15. Codruța Varodi, **Delia Gligor**, Andrada Măicăneanu, Liana M. Mureșan, *Carbon paste electrode incorporating calcium-exchanged zeolite modified with Methylene Blue for amperometric detection of NADH*, Revista de Chimie, **2007**, 58, 890-894 (I.F. = 0.261).
16. **Delia Gligor**, Elisabeth Csöregi, Ionel Cătălin Popescu, *Amperometric biosensor for ethanol based on a phenothiazine derivative modified carbon paste electrode*, Studia Universitatis "Babeș-Bolyai", Chemia, **2008**, 1, 55-62. *Recunoscut ISI*
17. **Delia Gligor**, Liana Mureșan, Ionel Cătălin Popescu, Castelia Cristea, Gabriela Cormoș, *Synthesis and electrochemical behaviour of bis-(10-ethylphenothiazinyl)-phenylmethane*, Studia Universitatis "Babeș-Bolyai", Chemia, **2008**, 1, 15-21. *Recunoscut ISI*
18. Mihaela Ligia Ungureșan, **Delia Gligor**, Francisc Dulf, *Numerical modelling and simulation of Laviron treatment for some phenothiazine modified graphite electrodes*, Proceeding ISI, IEEE Catalog Number: CFP08AQT-PRT, Mediamira Publishing House, **2008**, 16, 235-237.
19. **Delia Gligor**, Mihaela Ligia Ungureșan, Francisc Dulf, *Systemic Approach for numerical modelling and simulation of Koutecky-Levich equation for NADH electrocatalytic oxidation at graphite electrodes modified with a new polymeric phenothiazine*, Proceeding ISI, IEEE Catalog Number: CFP08AQT-PRT, Mediamira Publishing House, **2008**, 16, 238-241.
20. **Delia Gligor**, Yusuf Dilgin, Ionel Cătălin Popescu, Lo Gorton, *Photoelectrocatalytic oxidation of NADH at a graphite electrode modified with a new polymeric phenothiazine*, Electroanalysis, **2009**, 21, 360-367 (I.F. = 2.630).
21. **Delia Gligor**, Florina Bălaj, Andrada Măicăneanu, Radu Gropeanu, Ion Grosu, Liana Mureșan, Ionel Cătălin Popescu, *Carbon paste electrodes modified with a new phenothiazine derivative adsorbed on zeolite and on mineral clay for NADH oxidation*, Materials Chemistry and Physics, **2009**, 11, 283-289 (I.F. = 2.015).
22. **Delia Gligor**, Yusuf Dilgin, Ionel Cătălin Popescu, Lo Gorton, *Poly-phenothiazine derivative-modified glassy carbon electrode for NADH electrocatalytic oxidation*, Electrochimica Acta, **2009**, 54, 3124-3128 (I.F. = 3.325).
23. Codruta Varodi, **Delia Gligor**, Levente Abodi, Liana Mureșan, *Comparative study of carbon paste electrodes modified with Methylene Blue- and Methylene Green-adsorbed on zeolite as amperometric sensors for H₂O₂ detection*, Studia Universitatis "Babeș-Bolyai", Chemia, **2009**, 3, 255-263 (I.F. = 0.086).
24. Alexia Bonnifet, **Delia Gligor**, Castelia Cristea, Liana M. Mureșan, *Electrochemical behavior and applications of phenothiazine derivatives based on bis-(10Hphenothiazin-3-yl)-methane*, Studia Universitatis "Babeș-Bolyai", Chemia, **2009**, 1, 243-251 (I.F. = 0.086).
25. Castelia Cristea, Gabriela Cormos, **Delia Gligor**, Iudith Filip, Liana Muresan, Ionel Cătălin Popescu, *Electrochemical characterization of bis-(10Hphenothiazin-3-yl)-methane derivatives obtained by microwave assisted organic synthesis*, Journal of New Materials for Electrochemical Systems, **2009**, 12, 233-238 (I.F. = 0.876).
26. Mihaela Ligia Ungureșan, **Delia Maria Gligor**, *Numerical modelling and simulation of Koutecky-Levich equation for NADH electrocatalytic oxidation at graphite electrodes modified with a new polymeric phenothiazine*, Indian Journal of Chemistry, **2009**, 48A, 206-210 (I.F. = 0.617).
27. Mihaela Ligia Ungureșan, **Delia Maria Gligor**, Francisc Dulf, Tiberiu Coloși, *Analogical modelling and numerical simulation of the adsorption process for poly-phenothiazine formaldehyde on graphite electrodes*, International Journal of Chemical Reactor Engineering, **2009**, 7 (I.F. = 0.733).
28. Mihaela Ligia Ungureșan, **Delia Maria Gligor**, *Comparison between the experimentally and numerically modelled and simulated kinetic parameters corresponding to Michaelis - Menten equation, for NADH sensors based on polymeric phenothiazine modified electrodes*, Asian Journal of Chemistry, **2010**, 22(1), 475-482 (I.F. = 0.247).
29. **Delia Gligor**, Izabell Crăciunescu, Ionel Cătălin Popescu, Lo Gorton, *Influence of the electrode material on the electrochemical behavior of carbon paste electrodes modified with Meldola Blue and Methylene Green adsorbed on a synthetic zeolite*, Electroanalysis, **2010**, 22(5), 509-512 (I.F. = 2.721).
30. **Delia Gligor**, Andrada Măicăneanu, Alain Walcarius, *Iron-enriched natural zeolite modified carbon paste electrode for H₂O₂ detection*, Electrochimica Acta, **2010**, 55, 4050-4056 (I.F. = 3.650).
31. Didem Giray Dilgin, **Delia Gligor**, H. İsmet Gökçel, Zekerya Dursun, Yusuf Dilgin, *Photoelectrocatalytic oxidation of NADH in a flow injection analysis system using a poly-hematoxylin modified glassy carbon electrode*, Biosensors and Bioelectronics, **2010**, 26(2), 411-417 (I.F. = 5.361).
32. **Delia Gligor**, Codruta Varodi, Liana Muresan, *Graphite electrode modified with a new phenothiazine derivative and with carbon nanotubes for NADH electrocatalytic oxidation*, Chemical and Biochemical Engineering Quarterly, **2010**, 24(2), 159-166 (I.F. = 0.483).
33. **Delia Maria Gligor**, Mihaela Ligia Ungureșan, *Numerical modelling and simulation of Laviron treatment for poly-phenothiazine derivative-modified glassy carbon electrodes*, Journal of Mathematical Chemistry, **2010**, 47(4), 1476-1482 (I.F. = 1.259).
34. Mihaela Ligia Ungureșan, Francisc-Vasile Dulf, Andrada Măicăneanu, **Delia-Maria Gligor**, *Iron exchange on natural zeolites. Comparison of linear and non-linear regression analysis methods*, Proceeding ISI, IEEE Catalog Number: CFP010AQT-PRT, Mediamira Publishing House, **2010**, 435-438.
35. Mihaela Ligia Ungureșan, **Delia-Maria Gligor**, *Effect of light irradiation and immobilization of carbon nanotubes on kinetic parameters corresponding to Michaelis - Menten equation, for NADH sensors based on phenothiazine graphite modified electrodes*, Proceeding ISI, IEEE Catalog Number: CFP010AQT-PRT, Mediamira Publishing House, **2010**, 429-434.
36. **Delia Gligor**, Codruța Varodi, Andrada Măicăneanu, Liana Maria Mureșan, *Carbon nanotubes-graphite paste electrode modified with Cu(II)-exchanged zeolite for H₂O₂ detection*, Studia Universitatis "Babeș-Bolyai", Chemia, **2010**, XLV, 2, TOM II, 293-302 (I.F. = 0.231).
37. Codruța Varodi, Ocsana Axuc, Sorina Ciorceri, **Delia Gligor**, Ionel Cătălin Popescu, Liana Maria Mureșan, *Biosensor based on ascorbate oxidase for ascorbic acid determination*, Revue Roumaine de Chemie, **2010**, 55(11-12), 859-864 (I.F. = 0.311).

38. Dan Rusu, Oana Băban, Ioan Hauer, **Delia Gligor**, Leontin David, Mariana Rusu, *Synthesis and characterization of the potassium 11-tungstovanado (IV) phosphate*, *Revue Roumaine de Chimie*, **2010**, 55(11-12), 843-850 (I.F. = 0.311).
39. Didem Giray Dilgin, **Delia Gligor**, H. İsmet Gökçel, Zekerya Dursun, Yusuf Dilgin, *Glassy carbon electrode modified with poly-Neutral Red for photoelectrocatalytic oxidation of NADH*, *Microchimica Acta*, **2011**, 173(3-4), 469-476 (I.F. = 3.033).
40. Vasilica Lateş, **Delia Gligor**, Liana M. Mureşan, Ionel Cătălin Popescu, *Comparative investigation of NADH electrooxidation at graphite electrodes modified with two new phenothiazine derivatives*, *Journal of Electroanalytical Chemistry*, **2011**, 661, 192-197 (I.F. = 2.905).
41. Yusuf Dilgin, Didem Giray Dilgin, Zekerya Dursun, H. İsmet Gökçel, **Delia Gligor**, Burcu Bayrak, Benu Ertek, *Photoelectrocatalytic determination of NADH in a flow injection system with electropolymerized Methylene Blue*, *Electrochimica Acta*, **2011**, 56(3), 1138-1143 (I.F. = 3.832).
42. Mihaela-Ligia Ungureşan, Andrada Măicăneanu, Francisc-Vasile Dulf, Eva-Henrietta Dulf, **Delia Maria Gligor**, *Application of linear regression analysis for iron and copper removal process using natural zeolites*, *Journal of Thermal Analysis and Calorimetry*, **2012**, 110, 1293-1297 (I.F. = 1.982).
43. **Delia Gligor**, Liviu Cosmin Cotet, Virginia Danciu, *Comparative study of two types of iron doped carbon aerogels for electrochemical applications*, *Journal of New Materials for Electrochemical Systems*, **2013**, 16, 97-101 (I.F. = 0.532).
44. Andrada Măicăneanu, Codruţa Varodi, Horea Bedelea, **Delia Gligor**, *Physical-chemical and electrochemical characterization of Fe-exchanged natural zeolite applied for obtaining of hydrogen peroxide amperometric sensors*, *Chemie der Erde – Geochemistry*, **2014**, <http://dx.doi.org/10.1016/j.chemer.2014.02.005> (I.F. = 1.351).
45. **Delia Gligor**, Alain Walcarius, *Glassy carbon electrode modified with a film of poly(Toluidine Blue O) and carbon nanotubes for nitrite detection*, *Journal of Solid State Electrochemistry*, **2014**, 18, 1519-1528 (I.F. = 2.279).
46. Adrian Woiczehowski-Pop, **Delia Gligor**, Attila Bende, Codruţa Varodi, Elena Bogdan, Anamaria Terec, Ion Grosu, *Synthesis, structure, electrochemical behavior and electrochemical investigations on the assembling with pyrene of a novel C₃ cryptand*, *Supramolecular Chemistry*, **2015**, 27 (1-2), 52-58 (I.F. = 1.546).
47. Raluca Bindiu, Sorin Filipescu, Ramona Bălc, Lavinia Cociş, **Delia Gligor**, *The middle/late Eocene transition in the Eastern Carpathians (Romania) based on foraminifera and calcareous nannofossil assemblages*, *Geological Quarterly*, **2016**, 60(1), 38-55 (I.F. = 0.78).
48. **Delia Gligor**, Florina Cuibus, Ralf Peipmann, Andreas Bund, *Novel amperometric sensors for nitrite detection using electrodes modified with PEDOT prepared in ionic liquids*, *Journal of Solid State Electrochemistry*, **2017**, 21 (1), 281-290 (I.F. = 2.327).
49. Iolanda-Veronica Ganea, Carmen Roba, **Delia Gligor**, Anca Farkas, Ramona Bălc, Mircea Moldovan, *Assessment of environmental quality in Lacu Sărat Area (Brăila County, Romania)*, *Carpathian Journal of Earth and Environmental Sciences*, **2017**, 12 (2), 377-387 (I.F. = 0.73).

f) Papers in Proceedings at international conferences

1. C. Varodi, O. Axuc, **D. Gligor**, I.C. Popescu, L.M. Muresan, *Ascorbic acid determination by using an amperometric biosensor*, *International Conference on Ecological Materials and Technologies, ECOMAT 2008*, Bucharest, 25-26 September 2008, 99-101.
2. Mihaela Ligia Ungureşan, **Delia Maria Gligor**, Francisc Dulf, Iulian O. Maga, Tiberiu Coloşi, Mihail Abrudean, *Theoretical preliminaries associated to analogical modelling and numerical simulation of the adsorption process for poly-phenothiazine formaldehyde on graphite electrodes*, *Proceedings CSCS-17, 17th International Conference on Control Systems and Computer Science*, Bucharest, 26-29 May 2009, Ed. Politehnica Press, **2009**, 2, 27-32.

g) Other papers and scientific contributions

1. Vera Andronic, Liana Mureşan, A. Nicoară, **Delia Dicu**, I. C. Popescu, *Cobalt (II) phtalocyanine modified carbon paste electrode for amperometric detection of H₂O₂*, *Analele Univ. Craiova, seria Chimie*, **1995**, XXIII, 23-28.
2. **Delia Dicu**, Liana Mureşan, I. C. Popescu, *Comportarea electrochimică a electrodului de grafit modificat cu 1,1,2,2,3,3,4,6,7,8,9-undecacloro-1,2-dihidro-fenotiazina (Electrochemical behavior of graphite electrode modified with 1,1,2,2,3,3,4,6,7,8,9-undecacloro-1,2-dihidro-phenothiazine) (in Romanian)*, *Analele Univ. Oradea, Chimie*, **1999**, VI, 198-203
3. Mihaela Ungureşan, **Delia Gligor**, L. Jantschi, *Desulfurarea gazelor reziduale rezultate din procese industriale. Metode electrochimice (Desulfuration of waste gases resulted from industrial processes. Electrochemical methods) (in Romanian)*, *Analele Univ. Oradea, Chimie*, **2001**, VIII, 25-30.
4. Mihaela Ungureşan, **Delia Gligor**, L. Jantschi, *Desulfurarea gazelor reziduale rezultate din procese industriale. Metode chimice (Desulfuration of waste gases resulted from industrial processes. Chemical methods) (in Romanian)* *Analele Univ. Oradea, Chimie*, **2001**, VIII, 19-24.
5. Ionel Cătălin Popescu, **Delia Gligor**, Victor Roşca, Szilveszter Gaspar, Liana Mureşan, *Electrochemical interfaces for amperometric detection of some analytes interesting for biotechnological and environmental applications*, *U.P.B. Sci. Bull., Series B*, **2001**, 63, 7-18.
6. **Delia Gligor**, Marius Socol, Edith Lapsanzski, Ionel Cătălin Popescu, *Comportarea electrochimică a unor derivaţi fenotiazinici adsorbiţi pe electrozi de grafit (Electrochemical behavior of some phenothiazine derivatives adsorbed on graphite electrodes) (in Romanian)*, *Analele Univ. Oradea, Chimie*, **2001**, VIII, 73-80.
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64. Iolanda Ganea, Carmen Roba, Ramona Bălc, **Delia Gligor**, Mircea Moldovan, *Assessment of environmental quality in Lacul Sărat Area (Brăila County, Romania)*, The 11th International Conference „Environmental Legislation, Safety Engineering and Disaster Management” – ELSESEDIMA, Cluj-Napoca, 26-28 mai 2016 (poster).
65. Gabriela-Emilia Popița, Ramona Bălc, Tudor Tămaș, Gabriela Vasile, **Delia Gligor**, C. Moldovan, *Trace metal distribution in soils from two Romanian vineyards*, European Society for Soil Conservation Conference ESSC 2016, Cluj-Napoca, 15-18 iunie 2016 (poster).

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