

**LISTA PUBLICAȚIILOR – CONF. DR. VICTORIA CECILIA CRISTEA****a). Lista publicațiilor conform art. 12 alin. (1) lit. H (Publicații relevante pentru realizările profesionale obținute ulterior conferirii titlului de doctor)**

1. Mihaela Tertîș, Anca Florea, Bogdan Feier, Iuliu Ovidiu Marian, Luminița Silaghi-Dumitrescu, Alexandru Cristea, Robert Săndulescu, **Cecilia Cristea**, Electrochemical Impedance Studies on Single and Multi Wall Carbon Nanotubes – Polymer Nanocomposites for Biosensors Development, *Journal of Nanoscience and Nanotechnology*, Volume 15, Number 5, pp. 3385-3393, May **2015**, (IF 1,149).
2. Zhenzhong Guo, Anca Florea, **Cecilia Cristea**, Francois Bessueille, Francis Vocanson, Francois Gourtaland, Aidong Zhang, Robert Sandulescu, Florence Lagarde, Nicole Jaffrezic, TNT detection by an MIP sensors based on electropolymerization of a microporous- metal-organic framework, *Sensors and Actuators B*, 207, p. 960-966, **2015**, (IF 3,535)
3. Mihaela Tertis, Oana Hosu, Luminița Fritea, Cosmin Farcau, Andreea Cernat, Robert Săndulescu, **Cecilia Cristea**, A Novel Label-free Immunosensor Based on Activated Graphene Oxide for Acetaminophen Detection, *Electroanalysis*, 27(3), p. 638-647, **2015**, DOI: 10.1002/elan.201400583 (IF 2,502)
4. Luminița Fritea, Mihaela Tertîș, **Cecilia Cristea**, Serge Cosnier, Robert Săndulescu, Simultaneous Determination of Ascorbic and Uric Acids in Urine using an Innovative Electrochemical Sensor based on  $\beta$ -Cyclodextrin, *Analytical Letters*, Vol. 48 (1), p.89-99, **2015** (IF 1,019)
5. Zahra Taleat, **Cecilia Cristea**, Giovanna Marrazza, Mohammed Mazloum-Ardakani, Robert Sandulescu, Electrochemical Immunoassay Based on Aptamer-Protein Interaction and Functionalized Polymer for Cancer Biomarker Detection, *Journal of Electroanalytical Chemistry*, vol 717-718, p. 119-124, march **2014** (IF 2,672).
6. **Cristea C**, Cernat A, Maghear A, Săndulescu R. Applications of nanomaterials in biomedical and environmental analyses. Biomedical and Environmental Analysis, In *Dekker Encyclopedia of Nanoscience and Nanotechnology, Third Edition*. CRC Press: New York, **2014**, pp. 318–336, Vol I.
7. Anca Florea, Zahra Taleat, **Cecilia Cristea**, Robert Sandulescu, Label free MUC1 aptasensors based on electrodeposition of gold nanoparticles on screen printed electrodes, *Electrochemistry Communications*, 33, p. 127-130, **2013** (IF 4,859)
8. Mihaela Tertis, Anca Florea, Robert Sandulescu, **Cecilia Cristea**, Carbon based electrodes modified with horseradish peroxidase immobilized in conducting polymers for acetaminophen analysis, *Sensors*, 13, p. 4841-4854, **2013**, (IF 2,048)
9. B. Feier, D. Floner, **C. Cristea**, R. Sandulescu, F. Geneste, Development of a novel flow sensor for copper trace analysis by electrochemical reduction of 4-methoxybenzene diazonium salt, *Electrochemistry Communications*, 31, Pages 13-15, **2013** (IF 4,859)
10. **Cecilia Cristea**, Christine Mousty, Ionel Cătălin Popescu, Serge Cosnier, Organic phase PPO biosensor based on hydrophilic cross-linked polypyrrole films, *Electrochimica Acta*, 50 (18), p. 3713-3718, **2005** (IF 2,341).

### **b) Teza de doctorat**

*Etudes électroanalytiques du p-nitrophénylserinol et de quelques dérivés. Application à l'électrosynthèse de produits d'intérêt pharmacologique.*

Realizată în Universitatea Babeș Bolyai Cluj-Napoca și Université de Rennes 1, Rennes, Franța. **Susținută în 25 iunie 2003**. Confirmată în 25.08.2003/ 25.02.2004, specializarea (domeniul) Chimie/ Chimie atestată cu Diploma de doctor seria C Nr. 0002492/06.11.2003 și N. RENNI 4404802/25.02.2003.

### **Resume:**

*Les travaux rassemblés dans ce mémoire avaient pour objectif principal la valorisation en synthèse organique d'intermédiaires préparés électrochimiquement. L'utilisation de cellules particulièrement adaptées a permis d'obtenir des espèces difficilement accessibles par voies chimique classique. En particulier, la cellule „redox” à circulation a deux électrodes poreuses consécutives de polarité opposées, a conduit à des dérivés nitrosorènes avec des rendements élevés.*

*Une étude électroanalytique approfondie portant sur une série de composés ayant la structure de base de 1-(4-nitrophényl)-2-amino-propan-1,3-diol a permis d'accéder aux paramètres cinétiques dans différents milieux et sur différents matériaux cathodiques et de définir les conditions les plus appropriées pour réaliser les électrolyses préparatives.*

*Le piégeage des arylhydroxylamine substituées par divers réactifs (anhydrides, chlorure d'arylsulfonyle ou dichlorure de phtaloyle) conduit à la formation de dérivés azo et azoxy ainsi que d'hydroxylamines N-sulfonylées et de benzoxazine-2,4-diones.*

*Les hydroxylamines préparées apparaissent peu stables en milieu méthanol légèrement acide. La nature des produits d'évolution mis en évidence dans le milieu réactionnel ou isolés, permet de proposer un mécanisme qui est en accord avec les résultats obtenus et les données de la littérature.*

*L'addition d'acides arylsulfiniques aux dérivés nitrosés obtenus fournit des phénylhydroxylamines N-sulfonylées.*

### **c) Brevete de invenție și alte tipuri de proprietate intelectuală**

1. Robert Săndulescu, **Cecilia Cristea**, Bodoki Ede, Ioana Stoica Hopârtean, Iuliu O Marian, Ana Marian, *SENZOR ELECTROCHIMIC PLANAR IMPRIMAT* înregistrat la OSIM sub nr. A00424/5.06.2008.

2. Sarbu Andrei, Sandu Teodor, Sandulescu Robert, **Cristea Cecilia**, Dima Stefan Ovidiu, Udrea Ion, Bradu Corina, Dumitru Anca Aurelia, Vulpe Silviu, Iovu Horia, Sarbu Liliana și Bodoki Ede, *PROCEDEU DE OBTINERE A GRANULELOR DE POLIPIROL CONTINAND ENZIME IMOBILIZATE COVALENT*, înregistrat la OSIM sub nr A 00288/01.04.2011; RO128661-A2.

### **d) Cărți și capitole în cărți:**

1. Robert Săndulescu, **Cecilia Cristea**, Veronica Hârceagă and Ede Bodoki, *Electrochemical Sensors for Pharmaceutical and Environmental Analysis*, în cartea "*Environmental Biosensors*" editată de Vernon Somerset, Editura InTech, Capitolul 13, pages 277- 304, **2011**, ISBN 978-953-307-486-3.

2. **Cristea C**, Cernat A, Maghear A, Săndulescu R. Applications of nanomaterials in biomedical and environmental analyses. *Biomedical and Environmental Analysis*, în

- Dekker Encyclopedia of Nanoscience and Nanotechnology, Third Edition*. CRC Press: New York, **2014**, pp. 318–336, Vol I., ISBN 978-1-4665-7737-4.
- Cecilia Cristea**, Veronica Harceaga, Robert Sandulescu, chapter 7. Electrochemical Sensors and Biosensors, in *Environmental Analysis by Electrochemical Sensors and Biosensors, Vol. 1. Fundamentals*. Editors K. Kalcher & L. Moretti, Ed. Springer, p. 155-165, 2014. DOI: 10.1007/978-1-4939-0676-5\_7, ISBN 978-1-4939-0675-8.
  - Cecilia Cristea**, Bogdan Feier, Robert Sandulescu, Chapter 8. Electrochemical sensors in Environmental Analysis, in *Environmental Analysis by Electrochemical Sensors and Biosensors, Vol. 1. Fundamentals*. Editors K. Kalcher & L. Moretti, Ed. Springer, p.167-191, **2014**. DOI: 10.1007/978-1-4939-0676-5\_8, ISBN 978-1-4939-0675-8.
  - R. Sandulescu, **Cecilia Cristea**, *Chimie analytique qualitative*, Editura Risoprint, Cluj-Napoca, 2007, 186 pagini, ISBN 978-973-751-408-0, Reeditat 2010, ISBN 978-973-53-0212-2.
  - R. Sandulescu, R. Oprea, S. Mirel, E. Bodoki, **C. Cristea**, S. Lotrean, *Chimie Analitică Cantitativă, Analiza volumetrică și gravimetrică*, Editura Risoprint, 183 pagini, 2008, ISBN 979-973-751-911-5.
  - C. Cristea**, E. Bodoki, R. Oprean, R. Sandulescu, *Methodes de separations et analyse instrumentale*, Ed Risoprint, 2014, 76 pagini, ISBN 978-973-53-1216-9
  - E. Bodoki, **C. Cristea**, R. Sandulescu, R. Oprea, *Metode de separare și analiză instrumentală*, Ed Risoprint, 2014, 86 pagini, ISBN 978-973-53-1217-6.

#### Manuale / Suport didactic: lucrări didactice, îndrumare de laborator

- R. Sandulescu, R. Oprean, E. Bodoki, **C. Cristea**, *Chimie analytique qualitative, guide de travaux pratiques*, Editura Risoprint, 2010, 272 pagini, ISBN 978-973-53-0262.
- R. Sandulescu, R. Oprea, S. Mirel, E. Bodoki, **C. Cristea**, S. Lotrean, *Chimie Analitică Calitativă – Caiet de lucrări practice*, Editura Risoprint, 277 pagini, 2007, ISBN 978-973-751-455-4.

#### e) Articole/studii *in extenso*, publicate în reviste din fluxul științific internațional principal (se vor prezenta lucrările indexate ISI și BDI, publicate din țara și străinătate)

##### Autor principal (prim autor și autor corespondent)

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1	Oana Hosu, Mihaela Tertis, <b>Cecilia Cristea</b> , R. Sandulescu, Protein G magnetic beads based immunosensor for sensitive detection of acetaminophen	Farmacia, vol 63 (1), p. 140-145 (IF 1,251)	2015	ISI
2.	Mihaela Tertis, Oana Hosu, Luminița Fritea, Cosmin Farcau, Andreea Cernat, Robert Săndulescu, <b>Cecilia Cristea</b> , A Novel Label-free Immunosensor Based on Activated Graphene Oxide for Acetaminophen Detection,	Electroanalysis, 27(3), 638-647 (IF 2,502)	2015	ISI
3.	Gabriela Duțu, Mihaela Tertis, Robert Săndulescu, <b>Cecilia Cristea</b> , Differential Pulse and Square Wave Voltammetric Methods for Procaine Hydrochloride Determination Using Graphite Based SPEs Modified with p-tertbutyl-diester-calix[4]arene,	Revista de Chimie, 62(2), p.142-147, (IF 0,677).	2014	ISI
4.	Mihaela Tertis, Anca Florea, Bogdan Feier, Iuliu Ovidiu Marian, Luminița Silaghi-Dumitrescu, Alexandru Cristea, Robert Săndulescu, <b>Cecilia Cristea</b> , Electrochemical Impedance Studies on	Journal of Nanoscience and Nanotechnology, Volume 15, Number 5, p. 3385-3393, (IF 1,149)	2015	ISI

	Single and Multi Wall Carbon Nanotubes – Polymer Nanocomposites for Biosensors Development,			
5.	Lumița Fritea, Mihaela Terțiș, <b>Cecilia Cristea</b> , Serge Cosnier, Robert Săndulescu, Simultaneous Determination of Ascorbic and Uric Acids in Urine using an Innovative Electrochemical Sensor based on $\beta$ -Cyclodextrin,	Analytical Letters, vol. 48 (1), p. 89-99 (IF 1,019)	2015	ISI
6.	Lumița Fritea, Anca Florea, Mihaela Terțiș, Alexandru Cristea, Robert Săndulescu and <b>Cecilia Cristea</b> , Polymer based nanostructures for innovative bio and immunosensors development,	International Conference on Advancements of Medicine and Health Care through Technology; 5th – 7th June 2014, Cluj-Napoca, Romania, IFMBE Proceedings, Volume 44, p. 129-134, ISBN 978-3-319-07652-2 (ISI Proceedings)	2014	BDI
7.	<b>Cecilia Cristea</b> , Anca Florea, Ramona Galatus, Ede Bodoki, Robert Sandulescu, Daniel Moga and Dorin Petreus, Innovative immunosensors for early stage cancer diagnosis and therapy monitoring	The International Conference on Health Informatics IFMBE Proceedings Volume 42, p. 47-50, ISBN 978-3-319-03005-0 (ISI Proceedings)	2014	BDI
8.	Anca Florea, Mihaela Tertis, Alexandru Cristea, Robert Sandulescu, <b>Cecilia Cristea</b> , Designing polymer-based immunosensing platforms for cancer biomarker detection,	EHB 2013, 21-13 noiembrie 2013, Iasi, Romania; E-Health and Bioengineering Conference (EHB), 2013 DOI: 10.1109/EHB.2013.6707247, Page(s): 1 – 4 (ISI Proceedings).	2013	ISI
9.	Adela Maghear, <b>Cecilia Cristea</b> , Ana Marian, Iuliu O. Marian, Robert Săndulescu, Physico-chemical and electroanalytical characterization of two romanian clays with possible applications in pharmaceutical analysis	Farmacia, 61, vol 4, pages 648-657, (IF 0,669)	2013	ISI
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11.	Mihaela Tertis, Anca Florea, Robert Sandulescu and <b>Cecilia Cristea</b> , Carbon Based Electrodes Modified with Horseradish Peroxidase Immobilized in Conducting Polymers for Acetaminophen Analysis,	Sensors, 13, p. 4841-4854; doi:10.3390/s130404841, (IF 1,953)	2013	ISI
12.	Lumița Fritea, Mihaela Terțiș, <b>Cecilia Cristea</b> , Robert Săndulescu, New $\beta$ -Cyclodextrin Entrapped in Polyethyleneimine film Modified Electrodes for Pharmaceutical Compounds Determination,	Sensors, 13(12), p. 16312-16329; doi:10.3390/s131216312, (IF 1,953)	2013	ISI
13.	<b>Cecilia Cristea</b> , Nicolae Bonciocat, Iuliu O. Marian, Robert Săndulescu, Electrochemical studies of carbon-based screen-printed electrodes modified with zirconia porous gels and clay,	Studia Universitatis Babeș-Bolyai- Chemia, LVII (2), p. 59-70, (IF 0, 231)	2012	ISI
14.	<b>Cecilia Cristea</b> , Bogdan Feier, Florence Geneste, Robert Sandulescu, Claude Moinet, Modified porous electrodes applied in the detection of heavy metal cations,	Journal of Ecology and Protection of Environment, 10, book 3, p. 633-640, 1311-5065 (IF 0,169)	2009	ISI
15.	<b>Cecilia Cristea</b> , E. Bodoki, Veronica Sima, R. Săndulescu, Modified Screen Printed Electrodes for the Development of Biosensors,	International Conference on Advancements of Medicine and Health Care through Technology “MediTech 2009” Proceedings, Simona Vlad, R.V.	2009	ISI

		Ciupa, Anca Nicu (Eds), Springer, vol. 26 89-92, IFMBE Proceedings 26, p. 89-92, (ISI Proceedings).		
16.	<b>Cecilia Cristea</b> , Christine Mousty, Ionel Cătălin Popescu, Serge Cosnier, Organic phase PPO biosensor based on hydrophilic cross-linked polypyrrole films,	Electrochimica Acta, 50 (18), p. 3713-3718, (IF 2, 453)	2005	ISI
17.	<b>Cecilia Victoria Cristea</b> , Claude Moinet, Maria Jitaru, Mircea Darabantu, Electrosynthesis of the new (1 S, 2 S)-2-amino-1-(4-nitrophenyl) propane-1,3-diol derivatives,	Journal of Applied Electrochemistry, 35(9), p. 845-849 (IF 1,494)	2005	ISI
18.	<b>C.V. Cristea</b> , C. Moinet, M. Jitaru, I.C. Popescu, Electrosynthesis of nitroso compounds from (1S,2S)-2-amino-1-(4-nitrophenyl)-propane-1,3-diol derivatives,	Journal of Applied Electrochemistry, 35(9), p. 851-855 (IF 1,494).	2005	ISI
19.	<b>Cecilia Filip</b> , Maria Jitaru, C. Moinet, I.C. Popescu, Date electroanalitice preliminare privind sinteza electrochimică a unor nitrozoderivați și hidroxilamine cu structură complexă,	Revista de Chimie, nr. 10, p. 566-571 (IF 0,291)	2001	ISI
20.	<b>Cecilia Cristea</b> , Claude Moinet, Maria Jitaru, Electrosynthesis of new hydroxylamines – stability and evolution,.	The Electrochemical Society, Inc., NJ, USA, Proceedings Volume 2004, 205 ECS Baizer Award Symposim, San Antonio, Texas, p. 121-124	2004	BDI

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1.	Ravalli, G. Marrazza, B. Ciui, <b>C. Cristea</b> , R. Sandulescu, D. Di Camillo, L. Lozzi, Polyaniline modified thin-film array for sensor applications,	Lecture Notes in Electrical Engineering, Volume 319, Pages 123-127	2015	BDI
2.	Bogdan Feier, Ionel, Fizesan, Cristelle Mériadec, Soraya, Ababou Girard, <b>Cecilia Cristea</b> , Robert Sandulescu, Florence Geneste, Influence of the electrografting method on the performances of a flow electrochemical sensor using modified electrodes for trace analysis of copper (II),	Journal of Electroanalytical Chemistry, 744, p. 1-7 (IF 2,871)	2015	ISI
3.	Anca Florea; Andrea Ravalli; <b>Cecilia Cristea</b> ; Robert Sandulescu, Giovanna Marrazza, An optimized multiplexed bioassay for sensitive Mucin1 detection in serum samples,	Electroanalysis, accepted, (IF 2,850)	2015	ISI
4.	Anca Florea, ZhenZhong Guo, <b>Cecilia Cristea</b> , François Bessueille, Francis Vocanson, François Goutaland, Sergiy Dzyadevych, Robert Săndulescu, Nicole Jaffrezic-Renault, Anticancer drug detection using a highly sensitive molecularly imprinted electrochemical sensor based on electropolymerized microporous metal organic framework,	Talanta, 138, p. 71-76, doi:10.1016/j.talanta.2015.01.013 (IF 3,756 )	2015	ISI
5.	Zhenzhong Guo, Anca Florea, <b>Cecilia Cristea</b> , Francois Bessueille, Francis Vocanson, Francois Gourtaland, Aidong Zhang, Robert Sandulescu, Florence Lagarde, Nicole Jaffrezic, TNT detection by an MIP sensor based on electropolymerization of a microporous-metal-organic framework	Sensors and Actuators B, 207, p. 960-966 (IF 3,535)	2015	ISI

6.	B. Feier, I. Băjan, I. Fizeșan, D. Floner, <b>C. Cristea</b> , F. Geneste, R. Săndulescu, Highly selective electrochemical detection of copper (II) using N,N'-bis(acetylaceton)ethylenediimine as a receptor,	International Journal of Electrochemical Sciences, 10, 121-139 (IF 3,729)	2015	ISI
7.	Anca Florea, <b>Cecilia Cristea</b> , Robert Sandulescu, MUC1 tumor marker for the detection of ovarian cancer. A minireview,	Farmacia, 62(1), p. 1-13, (IF 1,250)	2014	ISI
8.	Zahra Taleat, <b>Cecilia Cristea</b> , Giovanna Marrazza, Mohammed Mazloum-Ardakani, Robert Sandulescu, Electrochemical Immunoassay Based on Aptamer-Protein Interaction and Functionalized Polymer for Cancer Biomarker Detection,	Journal of Electroanalytical Chemistry, vol 717-718, p. 119-124 (IF 2,672).	2014	ISI
9.	A. Ravalli, G. Marrazza, A. Florea, <b>C. Cristea</b> , R. Sandulescu, Electrochemical immunoassay for mucine 1 detection as diagnostic tool in ovarian cancer,	Sensors and Microsystems in Lecture Notes in Electrical Engineering, Volume 268, pp 165-168, Ed. Springer, DOI 10.1007/978-3-319-00684-0_31, ISBN 978-3-319-00683-3	2014	BDI
10.	Anca Florea, Zahra Taleat, <b>Cecilia Cristea</b> , Robert Sandulescu, Label free MUC1 aptasensors based on electrodeposition of gold nanoparticles on screen printed electrodes,	Electrochemistry Communications, 33, p. 127-130, (IF 4,859)	2013	ISI
11.	B. Feier, D. Floner, <b>C. Cristea</b> , R. Sandulescu, F. Geneste, Development of a novel flow sensor for copper trace analysis by electrochemical reduction of 4-methoxybenzene diazonium salt,	Electrochemistry Communications, 31, p.13-15, (IF 4,859)	2013	ISI
12.	Iulia Diaconu, <b>Cecilia Cristea</b> , Veronica Hârceagă, Giovanna Marrazza, Ioana Berindan-Neagoe, Robert Săndulescu, Electrochemical immunosensors applied in diagnostic and monitoring of breast and ovarian cancer,	Clinica Chimica Acta, 425, p. 128-138, (IF 2,850)	2013	ISI
13.	Nadia Gherman-Ionică, Ramona Bologa, Simona Cocu, <b>Cecilia Cristea</b> , Dan Dîrzu, Natalia Hagău, Proposal for use of two concentrations for metamizol to intradermal testing,	Farmacia, Vol. 59, 4, p. 578-589, (IF 0,669)	2011	ISI
14.	Gabriela Duțu, <b>Cecilia Cristea</b> , Bodoki Ede, Veronica Hârceagă, Alina Saponar, Elisabeth Jeanne Popovici, Robert Săndulescu, The electrochemical behavior of some local anaesthetics on screen printed electrodes modified with calixarenes,	Farmacia, Vol.59, 2, p. 147-160, (IF 0,669)	2011	ISI
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16.	Iuliu O. Marian, Nicolae Bonciocat, <b>Cecilia Cristea</b> , R. Săndulescu, Monica Bucșa, M. Vlassa, Spectroelectrochemical study of 9-substituted acridines with potential antitumor activity,	Electroanalysis, Volume 22, Issue 5, p. 542-548, March, ISSN 1521-4109, (IF 2,630)	2010	ISI
17.	Veronica Sima, <b>Cecilia Cristea</b> , Ede Bodoki, Gabriela Duțu, Robert Săndulescu, Screen-printed electrodes modified with HRP-zirconium alcoxide film for the development of a biosensor for acetaminophen detection,	Central European Journal of Chemistry, vol 8, number 5, p. 1034-1040, ISSN 1644-3624, (IF 1,065)	2010	ISI

18.	Jasmina Savic, Vesna Vasic, <b>Cecilia Cristea</b> , Robert Sandulescu, Electrochemical behavior of bis-pyrazole-azo-chromotropic acid and its use as modifier for elaboration of potentiometric sensor for the detection of copper,	Journal of Ecology and Protection of Environment, 10, book 4, p.1162-1169 (IF 0,169)	2009	ISI
19.	A. Sardashti, A. Nassi, F. Couture-Martin, <b>C. Cristea</b> , J.M. Chapuzet, J. Lessard, Electroreduction of Nitrocyclopropanes and Nitroaryl Cyclopropanes,	ECS Transaction, 13, Issue 20, pp 13-19	2008	BDI
20.	S. Laschi, E. Bulukin, I. Palchetti, <b>C. Cristea</b> , M. Mascini, Disposable electrodes modified with multi-wall carbon nanotubes for biosensor applications,	ITBM-RBM, 29, issue 2-3, p. 202-207 (IF 0,508)	2008	ISI
21.	Veronica Sima, <b>Cecilia Cristea</b> , Florina Lăpăduș, I.O. Marian, Ana Marian, R. Săndulescu, Electroanalytical properties of a novel biosensor modified with zirconium alcoxide porous gels for the detection of acetaminophen,	Journal of Pharmaceutical and Biomedical Analysis, Volume 48, Issue 4, Pages 1195-1200, ISSN 0731-7085 (IF 2,871)	2008	ISI
22.	N. Bonciocat, I.O. Marian, R. Săndulescu, <b>Cecilia Filip</b> , S. Lotrean, A new proposal for the fast determination of vitamin B <sub>2</sub> from aqueous pharmaceutical products,	Journal of Pharmaceutical and Biomedical Analysis, 32 (4-5), p.1093-1098 (IF 1,425)	2003	ISI
23.	Maria Jitaru, C. Moinet, I.A. Silberg, <b>Cecilia Filip</b> , A. Katona, Electrochemical reduction of some nitrophenothiazines,	Rev Roum de Chimie, 46 (4), 309-314 (IF 0,193)	2001	ISI
24.	I.O. Marian, N. Bonciocat, R. Săndulescu, <b>Cecilia Filip</b> , Direct voltammetry for vitamin B <sub>2</sub> determination in aqueous solution by using glassy carbon electrode,	Journal of Pharmaceutical and Biomedical Analysis, 24, p. 1175-1179 (IF 1,425)	2001	ISI
25.	Castelia Cristea, <b>Cecilia Filip</b> , I. Silaghi-Dumitrescu, I.A. Silberg, Voltammetric behavior of 1,4 benzothiazino[2,3-b]-phenothiazine and some of its derivatives II. The influence of N substitution and S oxidation,	Rev. Roum. Chim., 45 (7-8), p. 639-642 (IF 0,193)	2000	ISI

**f) Articole in extenso la conferințe internaționale**  
**Autor principal**

Nr. crt.	Autori și titlu	Revista, volum, nr. Pagini	Anul
1.	<b>Cecilia Cristea</b> , Bodoki E. Simona Mirel, R.Săndulescu, Electrochemical methods and sensors for food quality control,	Specific methods for food safety and quality, Workshop proceedings, Beograd, pag. 63-70; 23 september.	2008
2.	<b>Cécilia Cristea</b> , Jean Lessard, Maria Jitaru, Etudes électrochimiques sur les dérivés de nitrocyclopropane,	Colloque Franco –Roumaine de Chimie Appliquée, Clermont Ferrand, France, p. 35-40, 28 juin-1juillet	2006
3.	<b>Cecilia Cristea</b> , G. Voiculescu, Maria Jitaru, C. Moinet, Comportement électrochimique et antibactérienne des dérivés de (1s, 2s)-2-amino-1-(4-nitrophényle)- propane-1,3-diol,	Colloque Franco –Roumaine de Chimie Appliquée, Clermont Ferrand, France, p. 41-44, 28 juin-1 juillet.	2006
4.	<b>Cecilia Cristea</b> , Ede Bodoki, Robert Sandulescu, Elaboration of composites electrodes for the detection of heavy metals traces from wastewaters and pharmaceuticals forms,	Proceedings of International Symposia “Mediul și Industria”, Bucarest, p. 303-307, 19-21 October.	2005
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7.	<b>C. Cristea</b> , C. Moinet, M. Jitaru, Electrosynthèse des nouveaux dérivés issus de p-nitro phénylserinol	CoFraRoCA 2004, Actes du Colloque Franco-Roumaine de Chimie Appliquée 3 <sup>rd</sup> Bacau, Roumanie, p. 69-72, sept. 22-26,	2004

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Nr. crt.	Autori și titlu	Revista, volum, nr. Pagini	Anul
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