



Curriculum vitae Europass

Informații personale

Nume / Prenume	IORGULESCU Emilia-Elena	
Adresă(e)	Strada Lujerului Nr. 2, Bl. 22C, sector 6, Bucuresti , ROMANIA	
Telefon(oane)	021.4102279	Mobil:
Fax(uri)	021.4102279	
E-mail(uri)	m_iorgulescu@yahoo.com	
Naționalitate(-ități)	romana	
Data nașterii	16.08.1970	
Sex	feminin	

Experiența profesională

Perioada	din februarie 2002 pana in prezent, 1998-2002, 1996-1998
Funcția sau postul ocupat	Lector , asistent, preparator la Departamentul de Chimie Analitica, Facultatea de Chimie, Universitatea din București
Activități și responsabilități principale	Activitate didactica si cercetare ; din noiembrie 2013 prodecan al Facultății de Chimie, din ianuarie 2016 decan interimar al Facultății de Chimie, Universitatea din București
Numele și adresa angajatorului	Universitatea din Bucuresti, Facultatea de Chimie, Departamentul de Chimie Analitica
Tipul activității sau sectorul de activitate	Activitate didactica : Sustinere de cursuri si lucrari practice la disciplinele : - Metode instrumentale de analiza. Metode spectrometrice Anul III sectia Chimia mediului, (2002-2004); Chimie analitica cantitativa - Anul II sectia Chimie (2006) si anul I sectia Chimie-Fizica (2005), Chimie analitica . Analiza cantitativa. Anul I Chimie –Bologna (2008); Controlul analitic al poluantilor, anul I master sectia Controlul calitatii mediului (2007-2009), Semisinteze de compusi bioactivi , anul III, sectia Biochimie , 2009-2010, 2010-2011; Monitorizarea integrată a mediului, Chimia mediului anul III, 2011-2012, 2012-2013, 2013-2014. Activitate de cercetare in domeniile : metode electrochimice si spectrometrice aplicate in studiul si analiza unor compusi de importanta biologica si farmaceutica; caracterizarea electrochimica a complexilor metalici ;dezvoltare, caracterizare si testare senzori si biosenzori

Educație și formare

Perioada	Septembrie 1997-martie 2003
Calificarea / diploma obținută	Diploma de doctor in stiinte exacte, domeniul Chimie
Disciplinele principale studiate / competențe profesionale dobândite	Studiul comportarii eletrochimice si determinarea unor compusi de importanta biologica si farmaceutica
Numele și tipul instituției de învățământ / furnizorului de formare	Facultatea de Chimie, Universitatea din Bucuresti

Aptitudini și competențe personale

Limba(i) maternă(e)	Romana
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Limba(i) străină(e) cunoscută(e)

Autoevaluare

Nivel european (*)

Limba engleza

Limba franceza

Înțelegere				Vorbire				Scriere	
Ascultare		Citire		Participare la conversație		Discurs oral		Exprimare scrisă	
B2	Utilizator independent	B1	Utilizator independent	B2	Utilizator independent	B2	Utilizator independent	B1	Utilizator independent
B1	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent

(*) Nivelul Cadrului European Comun de Referință Pentru Limbi Străine

Competențe și abilități sociale

Spirit de echipa dezvoltat prin participarea la proiectele de cercetare .

Competențe și aptitudini de utilizare a calculatorului

Operare PC, Windows, Microsoft Office, Origin

Permis(e) de conducere

Permis categorie B

Anexa

Lista lucrări publicate

Data,30.03.2016

Semnătura,

Lista de lucrari publicate

Lucrari ISI

1. *Electroanalysis of Tetracycline by AC Polarography*, Ion. Gh. Tanase, Iulia Gabriela. David, Gabriel Lucian. Radu, **Emilia-Elena Iorgulescu**, Vasile Magearu, *Analisis*, 24, pg.281-284, **1996**
2. *Electrochemical determination of minocycline in pharmaceutical preparations*, Ion. Gh. Tanase, Iulia Gabriela. David, Gabriel Lucian. Radu, **Emilia-Elena Iorgulescu**, Simona Carmen Lițescu, *Analisis*, 26, pg. 175-179, **1998**
3. *Differential pulse cathodic stripping voltammetric determination of selenium in pharmaceutical products*, Anca Iulia Stoica, Gabriela Babaua, **Emilia-Elena Iorgulescu**, Daniela Marinescu, George-Emil Baiulescu, *J. Pharm. Biomed. Anal.*, 30(4), pg. 1425 – 1429, **2002**
4. *Synthesis, thermal behaviour and spectrometric characterization Ni(II) complexes with ligands resulted in condensation of N, N-dimethylbiguanide and phentane -2,4-dione*, R. Olar, M. Badea, D. Marinescu, **E. Iorgulescu**, S. Stoleriu, *Journal of Thermal Analysis and Calorimetry*, Vol. 80, 363-367, **2005**.
5. *Extrapolations by multiple regressions of the retention paramaters for several aromatic hydrocarbons in reversed-phase liquid chromatography*, Victor David, **Elena-Emilia Iorgulescu**, Andrei Medvedovici, *Revue Roumaine de Chimie*, 51(7-8), 803-809, **2006**
6. *Characterization of some polysiloxanes containing nucleobases and azobenbenze groups in their side-chain or crown azo-ether within polymeric chains by means of negative-ionization mass spectrometry with atmospheric pressure chemical ionization*, Nicolae Hurduc, Ramona Enea, Ioana Mileavin, **Elena-Emilia Iorgulescu**, Victor David, *Revue Roumaine de Chimie*, 53(9), 777-785, **2008**
7. *Solvent-reagent effect in chemical detection of energetic materials type contaminants*, E. Dimitriu, S. C. Moldoveanu, **E. E. Iorgulescu**, *Russian Journal of Physical Chemistry A, Focus on Chemistry*, 83(9), 1537-1541, **2009**
8. *Thermal, spectral and antimicrobial study on some Cu(II) complexes with ligands bearing biguanide moieties*, Rodica Olar, Mihaela Badea, Dana Marinescu, **Emilia Elena Iorgulescu**, Eliza Frunza, Veronica Lazar, Carmen Chifiriuc, *Journal of Thermal Analysis and Calorimetry*, 99, 815-821, **2010**
9. *N,N-Dimethylbiguanide complexes displaying low citotoxicity as potential large spectrum antimicrobial agents*, Rodica Olar, Mihaela Badea, Dana Marinescu, Carmen Chifiriuc, Coralia Bleotu, Nicoleta Grecu, **Emilia Elena Iorgulescu**, Veronica Lazar, *Eur. J. Med. Chem.* 45, 3027-3034, **2010**
10. *Prospects for new antimicrobials based on N,N-dimethylbiguanide complexes as effective agents on both planktonic and adherent microbial strains*, Rodica Olar, Mihaela Badea, Dana Marinescu, Carmen Chifiriuc, Coralia Bleotu, Nicoleta Grecu, **Emilia Elena Iorgulescu**, Marcela Bucur, Veronica Lazar, Adriana Finaru, *Eur. J. Med. Chem.*, 45, 2868-2875, **2010**
11. *Unusual retention behavior of some cationic-type aldoximes used as ache reactivators under ion-pairing liquid chromatographic mechanism*, Voicu V., Medvedovici A., Radulescu M., **Iorgulescu E.E.**, David V., *Analytical Letters* volume: 43 issue: 7-8 pag.: 1267-1276, **2010**
12. *Electrochemical studies using activated glassy carbon. I. Meloxicam*, Alina Cristian, **Emilia-Elena Iorgulescu**, Constantin Mihailciuc, *Rev. Roum. Chim.* 55(5), pag. 329-334, **2010**
13. *Electrochemical studies using activated glassy carbon.II. Piroxicam*, Alina Cristian, **Emilia-Elena Iorgulescu**, Constantin Mihailciuc, *Rev. Roum. Chim.* 55(7), pag. 377-382, **2010**
14. *Breakthrough parameters of spe procedure on c18 cartridges for some polar compounds*, Bacalum E., Radulescu M., **Iorgulescu E.E.**, David V., *Rev. Roum. Chim* 56(2), pag.137-143, **2011**
15. *Comparative Study Of The Retention Of Pyridinium And Imidazolium Based Ionic Liquids On Octadecylsilica Stationary Phase Under Ion Pairing Mechanism With Alkylsulphonate Anions*, Radulescu M., **Iorgulescu E.E.**, Constantin Mihailciuc, David V., *Rev. Roum. Chim* 57(1), pag.61-67, **2012**
16. *One-Pot Hydroacetylation Of Menadione (Vitamin K3) To Menadiol Diacetate (Vitamin K4) By Heterogeneous Catalysis*, Dobrinescu, C ; **Iorgulescu, EE** ; Mihailciuc, C ; Macovei, D; Wuttke, S; Kemnitz, E ; Parvulescu, VI, Coman, SM, *Advanced Synthesis & Catalysis*, Volume: 354, Issue: 7, Pages: 1301-1306, **2012**

17. Thermal, Spectral, Electrochemical And Biologic Characterization Of New Pd(II) Complexes With Ligands Bearing Biguanide Moieties, Badea M, ; Iosub, E, Chifiriuc CM, Marutescu L, **Iorgulescu EE**, Marinescu D, Bleotu C, Olar, R, Journal Of Thermal Analysis And Calorimetry, Vol. 111 (3), pag. 1753-1761, **2013**
18. Assay at low ppm level of dimethyl sulfate in starting materials for api synthesis using derivatization in ionic liquid media and LC-MS, Grinberg N, Albu F, Fandrick K, **Iorgulescu E.**, Medvedovici A., Journal Of Pharmaceutical And Biomedical Analysis, vol. 75, pag.: 1-6, **2013**
19. Electrochemical study of the oxidation of usnic acid in different organic solvents, **Emilia-Elena Iorgulescu**, Elena Varzaru, Daniela Bala, Constantin Mihailciuc, Rev. Roum. Chim 56(7-8), pag.699-705 43, **2012**
20. Studies On Thermal, Spectral, Magnetic And Biological Properties Of New Ni(II), Cu(II) And Zn(II) Complexes With A Bismacrocyclic Ligand Bearing An Aromatic Linker, Bucur Cristina, Badea, Mihaela, Chifiriuc Mariana Carmen, Bleotu Coralia, **Iorgulescu, Emilia Elena**, Badea, Irinel Adriana, Grecu Maria Nicoleta, Lazar Veronica, Patriciu Oana-Irina, Marinescu Dana, Olar Rodica, Journal Of Thermal Analysis And Calorimetry, **vol: 115, nr. 3., pag. 2179-2189, 2014**
21. On The HPLC/MS-MS Assay Of Ephedrine In Urine: An Experimental Appraisal, **Iorgulescu, Elena Emilia**; Albu, Florin; Tache, Florentin; Medvedovici, Andrei, **Rev. Roum. Chim., 59 911-12), pag. 1047-1057, 2014**
22. Voltammetric determination of B-1 and B-6 vitamins using a pencil graphite electrode, David, Iulia Gabriela; Florea, Mihai-Alexandru; Cracea, Oana Georgiana; Popa, Dana Elena; Buleandra, Mihaela; **Iorgulescu, Emilia Elena**; David, Vasile; Badea, Irinel Adriana; Ciucu, Anton Alexandru, Chemical Papers, 69(7), 901-910, **2015**
23. Ethyl lactate as a greener alternative to acetonitrile in rplc: a realistic appraisal, Micale, Florina; Albu, Florin, **Iorgulescu, Emilia-Elena**; Medvedovici, Andrei; Tache, Florentin, *Journal Of Chromatographic Science*, 53(10), 1701-1710, **2015**
24. Voltammetric determination of famotidine on a disposable pencil graphite electrode, David, Iulia Gabriela; Popa, Dana Elena; Calin, Andreea-Alexandra; Buleandra, Mihaela; **Iorgulescu, Emilia-Elena**, *Turkish Journal Of Chemistry*, 40(1), 125-135, **2016**

Lucrari mentionate in baze de date internationale:

1. I.G. David, **Emilia-Elena Iorgulescu**, I.Gh. Tanase "Tetracycline Sensitive Electrode with PVC Membrane" The XIth Conference of Chemistry and Chemical Engineering, Bucharest **1997**, volume III, 4.210 – 4.260.
2. **Emilia-Elena Iorgulescu**, S. Litescu, M. Buleandra, I.G. David, G.L.Radu, I.Tanase,"Voltammetric behaviour of bilirubin at glassy carbon millielectrode in DMF", The 11-th Romanian International Conference on Chemistry and Chemical Engineering, Bucharest, September 30 – October 2, **1999**.
3. **Emilia-Elena Iorgulescu**, I.Tanase, "AdSV determination of bilirubin from biological sample", 12th Romanian International Conference on Chemistry and Chemical Engineering, Bucharest, September 13 – 15, **2001**, *U.P.B. Sci. Bull., Series B: Chemistry and Materials Science*, Vol. 63(1), 361-368, 2001. (proceeding)
4. Iulia-Gabriela David, **Emilia-Elena Iorgulescu**, V. David, G.L. Radu, "Voltammetric determination of some antibiotics", 12th Romanian International Conference on Chemistry and Chemical Engineering, Bucharest, September 13 – 15, **2001**.) *U.P.B. Sci. Bull., Series B: Chemistry and Materials Science*, Vol. 63(1), 361-368, 2001. (proceeding)
5. M. Simion, **E. E. Iorgulescu**, I Kleps, M. Miu, A. Angelescu, A. Bragaru "Micro and nanoelectrode calibration for voltammetric measurements", CAS 2002 Proceedings, vol. 1, 25th edition, oct. 8-12, **2002**, p 123-127.

Articole non ISI:

1. Minocycline-Sensitive Potentiometric Sensor based on PVC Membrane, Ion. Gh. Tanase, Iulia Gabriela. David, **Emilia-Elena Iorgulescu**, Mihaela Cristache-Savu, Gabriel Lucian. Radu, **J. Med. Biochem.**, **1999**, 3(2), pg. 149-158
2. Electrochemical Analysis of Tetracycline Antibiotics, Iulia Gabriela. David, Ion. Gh. Tanase, **Emilia-Elena Iorgulescu**, Vasile David, Vasile Magearu, Roum. Chem.Quatterly Rev., **1999**, 792, pg. 95-103

3. *Study of Bilirubin Processes in Aprotic Conditions*, Ion. Gh. Tanase, **Emilia-Elena Iorgulescu**, Simona Carmen Lițescu, Gabriel Lucian. Radu, Mihaela Buleandră, **Roum. Biotech. Lett.**, **2000**, 5(5), pg. 265-371
4. *Electrochemical Behaviour and Electroanalysis of Thioamides*, , Ion. Gh. Tanase, Iulia Gabriela David, Cornelia Cercasov, **Emilia-Elena Iorgulescu**, Louciana Gălie, Gabriel Lucian. Radu, **Roum. Biotech. Lett.**, **2001** 6(3), (Review)
5. *Complexes with dioxygen as ligand. III. Cobalt complexes with the Schiff derived from 1-formyl-2-naftol and ethylenediamine*, Dana Marinescu, Anca Nicolae, Mihaela Badea, Rodica Olar, **Emilia Elena Iorgulescu**, Carmencita Ciomaga, **Anal. Univ. Buc.**, (serie nouă), **2002**, II, pg. 56-62
6. *Aspecte metrologice legate de masurarile in laboratoarele fizice, chimice, biologice si clinice*", I. G. David, **E. E. Iorgulescu**, **Buletin Informativ EURACHEM-Romania** , 6, 7-13, **2003**
7. *The adsorbtion of heavy metal ions on porous calcium alginate microparticles*, I. Nita, **M. Iorgulescu**, M.Florea Spiroiu, M. Ghiurea, C. Petcu, Otilia Cinteza, **Anal. Univ. Buc.**, Vol I , **2007**, p. 59-68

Proceedings:

1. Mihaela Badea, Rodica Olar, Dana Marinescu, Gina Vasile, Veronica Lazar, Ramona Cernat, Carmen Balotescu, **Elena Iorgulescu**
 „Synthese et caracterisation spectrale et biologique de combinaisons thiosulfato complexes du Ni(II) ”
Actes du troisieme Colloque Franco-Roumain de Chimie Appliquee, Bacau, Romanie, 22-26 sept. (2004) 592-594.
2. Rodica Olar, Mihaela Badea, Adriana Fânaru, Maria Nicoleta Grecu, **Emilia Elena Iorgulescu**, Dana Marinescu
 „Combinaisons complexes avec des ligands macrocycliques obtenus lors de la condensation de l' ethylenediamine avec tyrosine et la formaldehyde”
Actes du troisieme Colloque Franco-Roumain de Chimie Appliquee, Bacau, Romanie, 22-26 sept. (2004) 645-648.