



Adrian Costescu

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EXPERIENȚA PROFESIONALĂ

11/2016 – ÎN CURS Bucharest, România

DIRECTOR DE DEPARTAMENT - DEPARTAMENTUL DE ȘTIINȚE INGINERESTI UNIVERSITATEA HYPERION, FACULTATEA DE ȘTIINȚE EXACTE ȘI INGINERESTI

01/2016 – ÎN CURS Bucharest, România

LECTOR UNIVERSITAR UNIVERSITATEA HYPERION

30/09/2012 – 02/2016 Bucharest, România

ASISTENT UNIVERSITAR UNIVERSITATEA HYPERION

03/2010 – 11/2013 Bucharest-Magurele, România

ASISTENT DE CERCETARE ȘTIINȚIFICĂ INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE PENTRU FIZICA MATERIALELOR

09/2007 – 12/2012 Bucharest, România

ASISTENT DE CERCETARE ȘTIINȚIFICĂ UNIVERSITATEA DIN BUCUREȘTI

EDUCAȚIE ȘI FORMARE PROFESIONALĂ

2010 – 2013 Bordeaux, Franța

DIPLOMA DE DOCTOR Universitatea din Bordeaux

Doctor in Științe și Tehnologii

Nivel CEC Nivelul 8 CEC | **Lucrare de diplomă** Synthèse et l'étude de la surface de nanoparticules d'hydroxyapatite

30/09/2010 – 20/11/2013 București, România

DIPLOMA DE DOCTOR Universitatea din București, Facultatea de Fizică

Doctor in Fizică

Nivel CEC Nivelul 8 CEC

09/2008 – 02/2010 București, România

DIPLOMA DE MASTER Universitatea din București, Facultatea de Fizică

Master in Fizică Polimerilor și Tehnologia Materialelor

Clasificare națională Nivelul 7 CEC

09/2003 – 06/2008 București, România

DIPLOMA DE LICENȚĂ Universitatea din București, Facultatea de Fizică

Clasificare națională Nivelul 6 CEC

COMPETENȚE LINGVISTICE

Limbă(i) maternă(e): **ROMÂNĂ**

Altă limbă (Alte limbi):

	COMPREHENSIUNE		VORBIT		SCRIS
	Comprehensiune orală	Citit	Exprimare scrisă	Conversație	
ENGLEZĂ	C2	C2	C2	C2	C2
FRANCEZĂ	B2	B2	B2	B2	B2

Niveluri: A1 și A2 Utilizator de bază B1 și B2 Utilizator independent C1 și C2 Utilizator experimentat

● COMPETENȚE DIGITALE

Programming | Hardware and Software | Computer Networks

● CONFERINȚE ȘI SEMINARE

Conferințe

1. Novel hydroxyapatite composites for Pb (II) removal, Iconaru SL, Ciobanu CS, Motelica-Heino M, Guegan R, **Costescu A**, Barna ES, Predoi D. ICESE 2013: International Conference on Environmental Science and Engineering, Paris, France 7-8 October 2013.
2. Porous hydroxyapatite with environmental applications, Iconaru SL, Ciobanu C, **Costescu A**, Motelica M, Le Coustumer P, Predoi D. ICSAAM 2013, The 5th International Conference on Structural Analysis of Advanced Materials, Island of Kos, Greece 23 - 26 September 2013.
3. Synthesis of ceramic composites for environmental applications, Iconaru SL, Ciobanu CS, **Costescu A**, Andronesu E, Motelica-Heino M, Le Coustumer P, Prodan A M, Predoi D. The XVII International Sol-Gel Conference Madrid, Spain 25-30 August 2013.
4. Synthesis and characterisation of hydroxyapatite for environmental applications, **Costescu A**, Andronesu E, Vasile BS, Trusca R, Le Coustumer P, Iconaru SL, Barna E, Ciobanu C. International Conference INnovation and Collaboration in Engineering Research Bucharest, Romania, 20-22 June 2013.
5. Preparation of silver doped hydroxyapatite thin films with environmental applications, Iconaru SL, Andronesu E, Ciobanu C, Ghita RV, Prodan AM, Chapon P, Le Coustumer P, **Costescu A**, Predoi D. 5th FESTEM International Symposium - Trace Elements in Avignon: Bridging between new Advances and Public Health Issues, Bucharest, Romania, 22-24 May 2013.
6. Antibacterial studies on novel porous hydroxyapatite doped with silver ions, **Costescu A**, Iconaru SL, Prodan AM, Ene NI, Chireac I, Ganciu M, Le Coustumer P, Huneau F, Motelica M, Predoi D. The 3rd International Colloquium "Physics Of Materials" (PM-3), 15-16 November 2012, Bucharest, Romania.
7. Novel porous hydroxyapatite for environmental application, Ciobanu CS, Andronesu E, Vasile B, Trusca R, **Costescu A**, Iconaru SL, Prodan AM, Le Coustumer P, Huneau F, Motelica M, Predoi D. The 3rd International Colloquium "Physics Of Materials" (PM-3), 15-16 November 2012, Bucharest, Romania.
8. Antibacterial porous hydroxyapatite nanostructures for the treatment of polluted water obtained by thermal evaporation technique, **Costescu A**, Ciobanu CS, Ghita RV, Ganciu M, Chapon P, Le Coustumer P, Barna ES, Predoi D. The 3rd International Colloquium "Physics Of Materials" (PM-3), 15-16 November 2012, Bucharest, Romania.
9. Structural characterization and magnetic properties of iron oxides biological polymers, Iconaru SL, Ciobanu CS, Frumosu F, **Costescu A**, Le Coustumer P, Predoi D. International Conference on Superconductivity and Magnetism - ICSM 2012, 24 - 28 April, Istanbul, Turkey.
10. Preliminary research on synthesis and characterization of europium doped nano-crystalline apatite, Ciobanu CS, Andronesu E, **Costescu A**, Pasuk I, Predoi D. 5th International Conference on Materials Science and Condensed Matter Physics, Chisinau / Moldova 13 - 17.09.2010.

● PUBLICAȚII ȘTIINȚIFICE ISI

2015 - 2020

Publicații ISI

- Development of Cerium-Doped Hydroxyapatite Coatings with Antimicrobial Properties for Biomedical Applications - Daniela Predoi, Simona Liliana Iconaru, Mihai Valentin Predoi, Andreea Groza, Sofia Gaiaschi, Krzysztof Rokosz, Steinar Raaen, Catalin Constantin Negrila, Alina-Mihaela Prodan, **Adrian Costescu**, Monica Luminita Badea and Patrick Chapon, Coatings 2020, 10(6), 516; May 2020; · 2.71 Impact Factor
- Adsorption of Pb (II) Ions onto Hydroxyapatite Nanopowders in Aqueous Solutions - Simona Liliana Iconaru, Mikael Motelica-Heino, Regis Guegan, Mircea Beuran, **Adrian Costescu**, Daniela Predoi, Materials 2018, 11(11), 2204; · 2.97 Impact Factor; Citări: 1
- Enamel Based Composite Layers Deposited on Titanium Substrate with Antifungal Activity - S. L. Iconaru, A. M. Prodan, C. S. Turculet, M. Beuran, R. V. Ghita, **A. Costescu**, A. Groza, M. C. Chifiriuc, P. Chapon, S. Gaiaschi, R. Hristu, G. A. Stanciu, R.

Trusca, M. Ganciu, S. M. Raita, N. Vineticu, C. S. Ciobanu, Journal of Spectroscopy, Volume 2016 (2016), Article ID 4361051; • 1.38 Impact Factor; Citări: 4

- Structural characterization and optical properties of hydroxyapatite/collagen matrix - C.L. Popa, Am. Albu, C. Bartha, A. Costescu, C. Luculescu, R. Trusca, S. Antohe, Romanian Reports in Physics; in press; • 1.94 Impact Factor; Citări: 10

- Optical properties of bioactive europium doped hydroxyapatite (HAp:Eu3+) - E. Andronescu, F.M. Iordache, C.S. Ciobanu, M.L. Badea, A. Costescu, A.M. Prodan, Optoelectronics and Advanced Materials-Rapid Communications, Volume 9, Issue 9-10, p.1155-1159 (2015); • 0.45 Impact Factor; Citări: 5

2010 – 2014

Publicații ISI

- Synthesis and Characterisation of Dextran Coated Hydroxyapatite for Environmental Applications – A. Costescu, E. Andronescu, B. S. Vasile, R. Truşcă, P. Le Coustumer, E. S. Barna, S. L. Iconaru, M. Motelica-Heino, C. S. Ciobanu, U.P.B. Sci. Bull., Series B, Vol. 76, Iss. 4, 2014; • 0.39 Impact Factor; Citări: 3

- Tetraethyl Orthosilicate Coated Hydroxyapatite Powders for Lead Ions Removal from Aqueous Solutions - Rodica V Ghita, Simona Liliana Iconaru, Cristina Liana Popa, Adrian Costescu, Philippe Le Coustumer, Mikael Motelica-Heino, Carmen Steluta Ciobanu, Journal of Nanomaterials 07/2014; • 2.23 Impact Factor; Citări: 4

- Porous Methyltrimethoxysilane Coated Nanoscale-Hydroxyapatite for Removing Lead Ions from Aqueous Solutions - C S Ciobanu, S L Iconaru, C L Popa, A Costescu, M Motelica-Heino, D Predoi, Journal of Nanomaterials 07/2014; • 2.23 Impact Factor; Citări: 6

- Physico-chemical and antibacterial studies on silver doped nano-hydroxyapatite - C.S. Ciobanu, E. Andronescu, A.M. Prodan, L. Pall, A. Costescu, P. Le Coustumer, F. Huneau, L. Marutescu, N.I. Ene, R. Trusca, E. S. Barna, S. L. Iconaru, Journal of Optoelectronics and Advanced Materials 08/2013; 15(7-8):918 - 922. • 0.58 Impact Factor; Citări: 3

- Fabrication, Characterization, and Antimicrobial Activity, Evaluation of Low Silver Concentrations in Silver-Doped Hydroxyapatite Nanoparticles - A. Costescu, C. S. Ciobanu, S. L. Iconaru, R. V. Ghita, C. M. Chifiriuc, L. G. Marutescu, D. Predoi, Journal of Nanomaterials 04/2013; • 2.23 Impact Factor; Citări: 34

- Synthesis and Antimicrobial Activity of Silver-Doped Hydroxyapatite Nanoparticles - Carmen Steluta Ciobanu, Simona Liliana Iconaru, Adrian Costescu, Philippe Le Coustumer, Daniela Predoi, Mariana Carmen Chifiriuc, BioMed Research International 11/2012; 2013(916218):10. • 2.71 Impact Factor; Citări: 78

- Synthesis, Structure, and Luminescent Properties of Europium-Doped Hydroxyapatite Nanocrystalline Powders - Carmen Steluta Ciobanu, Simona Liliana Iconaru, Florian Massuyeau, Liliana Violeta Constantin, Adrian Costescu and Daniela Predoi, Journal of Nanomaterials 02/2012; • 2.23 Impact Factor; Citări: 44

- Characterization of Sucrose Thin Films for Biomedical Applications - S. L. Iconaru, F. Ungureanu, A. Costescu, M. Costache, A. Dinischiotu and D. Predoi, Journal of Nanomaterials 02/2011; • 2.23 Impact Factor; Citări: 7

- Physico-Chemical Properties of Nano-Sized Hexagonal Hydroxyapatite Powder Synthesized by Sol-Gel - A Costescu, I Pasuk, F Ungureanu, A Dinischiotu, M Costache, F Huneau, S Galaup, P Le Coustumer, D Predoi, Digest Journal of Nanomaterials and Biostructures 11/2010; 5:989-1000. • 1.09 Impact Factor; Citări: 73

● PERMIS DE CONDUCERE

Permis de conducere: B

● PROIECTE

01/2015 – 12/2015

POSDRU/161/2.1/G/136496 EURO-LEX „Program de practica studentii juristi”

Secretar achiziții

08/2015 – 09/2015

POSDRU/161/2.1/G/139800 „SA PUNEM TEORIA IN PRACTICA”

Coordonator practică