

Universitatea Națională de Știință și Tehnologie POLITEHNICA București

Facultatea: Facultatea de Inginerie Chimica si Biotehnologii

Departamentul: Chimie anorganica, chimie fizica si electrochimie

Nume Prenume: Ciobotar (Craciun) Luminita Narcisa

Gradul didactic: Sef lucrari

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

Combinatii complexe cu liganzi heterociclici cu caracter aromatic .Proprietati optice .Proprietati biochimice. (2013)

B. Cărți si capitole în cărți publicate în ultimii 10 anii

C. Lucrări indexate ISI/BDI publicate în ultimii 10 anii

C1) Ovidiu Oprea, Michaela Dina Stanescu, Ioana Jitaru, Laura Alexandrescu, Cristina Ileana Covaliu, **Luminita Craciun**- *New Lanthanide Complexes as Potential Fluorescent Labels*, Revista de Chimie, 63 (1), pp.166-169, 2012;

C2) Cristina Ileana Covaliu, Lacramioara Cristina Chioaru, , **Luminita Crăciun**, Ovidiu Oprea, Laura Alexandrescu, Ioana Jitaru- *Electrical properties of new organo-inorganic layered perovskites*, Optoelectronics and Advanced Materials – Rapid Communications, 5 (10), 2011, pp. 1097-1102;

C3) Cristina Ileana Covaliu, Ovidiu Oprea, Ioana Jitaru, **Luminița Crăciun**- *A New Complex Compound of Copper with 2-deoxy-D-glucose. Synthesis, Characterization and Biologic Activity*, Revista de Chimie, 62 (11), pp.1052-1054, 2011.

C4) **Luminita Craciun**, Laura Alexandrescu, Ioana Jitaru -*Synthesis and Solvatochromism of New Heteroleptic Complexes*-Revista de chimie ,**64(3)**,2013,p.260-264.

C5). **Luminita Craciun**, Laura Alexandrescu*, Oana. A. Jinga, Ioana Jitaru- Antimicrobial Activity of New Cu(II) and Zn(II) Heteroleptic Complexes Containing Bipyridine, Benzimidazole and Thiadiazole Derivatives -Revista de Chimie ,**64**,nr.11,2013,p.1243-1250.

C6) Ovidiu Oprea*, O. R. Vasile, Georgeta Voicu, **Luminita Craciun**, Ecaterina Andronescu- Photoluminescence, MAGNETIC properties and photocatalytic activity of Gd³⁺ doped ZnO nanoparticles-Digest Journal of Nanomaterials and Biostructures , Vol. 7, No. 4, October-December 2012, p. 1757-1766

C7) **Luminita Craciun**, Ioana Jitaru- Highly Polarizable Metallic Complexes with Solvatochromic Behavior - Buletinul UPB .Sci.Bull,seriesB,vol.75,Iss.4,2013,ISSN1454-2331.

C8)Alexa Croitoru,Denisa Ficai,**Luminita Craciun**,Anton Ficai,Ecaterina Andronescu-Evaluation and exploitation of bioactive compounds of walnut,*Juglans regia*-Current Pharmaceutical Design,vol.25,Issue 2,2019,p.119-131.

C9)Ludmila Motelica,**Luminita Craciun**,Ioana Ardelean,Madalina Violeta Ioana-Non-destructive analyses of 16th century documents-Revista de chimie,70,nr.8,2019,p.2798-2802.

C10)Cristina Ghircov,Angela Spoiala.,Catalin Paun,**Luminita Craciun**,Denisa Ficai,Anton Ficai,Ecaterina Andronescu,Claudiu Stelian-Mesoporous Silica Platforms with Potential Applications in Release and Adsorption of Active Agents-Molecules,vol.25,2020,p.1-35.

C11)Maxim Maximov; Oana-Cristina Maximov; **Luminita Craciun**; Denisa Ficai; Anton Ficai; Ecaterina Andronescu- Bioactive Glass—An Extensive Study of the Preparation and Coating Methods - Coatings 2021, Volume 11, Issue 11, 1386.

C12) Angela Spoiala; Cornelia Ioana Ilie; **Luminita Narcisa Craciun**; Denisa Ficai; Anton Ficai; Ecaterina Andronescu-Magnetite-Silica Core/Shell Nanostructures: From Surface Functionalization towards Biomedical Applications- Appl. Sci. (ISSN 2076-3417) ,19 November 2021.

D.Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)

- Reviste

D1) Ioana Jitaru, Mariana Bicher, Ovidiu Oprea, **Luminita Craciun** – Cooper recovery from an electronic industry waste solution. Synthesis of Cu (II) mixed oxides – 27-th International Conference of Slovak Society of Chemical Engineering, May 2000- lucrare publicata in volumul de lucrari al conferintei.

D2) Oana A. Jinga, Ovidiu Oprea, **Luminita Craciun**, Ioana Jitaru – “*Thioxanthene based drugs as ligands for some 3d metallic ions*” - 2nd International Conference of the Chemical Societies of the South-East European Countries, pg228 – June 2000, Halkidiki, Greece, ISSN 0141-3910

D3) **Luminita Craciun**, Laura Alexandrescu, Ovidiu Oprea, Ioana Jitaru- Highly polarizable metallic complexes with solvatochromic behavior-10 -th ICFPAM, Santiago, Chile, 2009

D4) Ovidiu Oprea, **Luminita Craciun**, Ioana Jitaru, Ecaterina Andronescu - Photoluminescence And Photocatalytic Activity OfLanthanide Doped Zinc Oxide - Romanian International Conference on Chemistry and Chemical Engineering RICCE XVII,7-10 septembrie 2011, Sinaia, Romania S6-O-06

D5) Ovidiu Oprea, Bogdan Stefan Vasile, Georgeta Voicu, **Luminita Craciun**, Ecaterina Andronescu-Photoluminescence andPhotocatalytic Activity of Gadolinium Doped Zinc Oxide, “NanotechItaly 2011”, p250-251, Venetia, Italia, NH Laguna PalaceConvention Center, 23-25 noiembrie 2011

D6) Ioana Jitaru, C.Malaieru, Gabi Georgescu, **Luminita Craciun**- ,Precursors for mixed oxides with electrical proprieties, Conferința Națională Chimia, 2000, Univeristatea „Ovidius” Constanta, Constanta, Romania.

D7) **Luminita Craciun**, Laura Alexandrescu, Ovidiu Oprea, Ioana Jitaru-, Highly polarizable metallic complexes with solvatochromic behavior, ICOSECS7, 15-17 septembrie 2010, Bucuresti..

E. Brevete obținute în întreaga activitate