

## LISTA DE LUCRĂRI

Niculescu (Pereteanu) Florentina - Dr./ din 2010

1<sup>o</sup> Teza de doctorat

T1. **Niculescu (Pereteanu) Florentina** *Analiza termodinamica computerizata a sistemelor de aliaje binare Pb-Sb 2010, 114 pg;*

2<sup>o</sup> Cărți publicate

**Ca1.** **Niculescu F**, Marcu D, Mihai Buzatu, Managementul deșeurilor generate de industria medicală, Editura Politehnica Press, ISBN 978-606-515-675-3, 97 pg, București 2016.

Articole/studii publicate

- a) în reviste de specialitate de circulație internațională recunoscute cotate ISI sau indexate în baze de date internaționale specifice domeniului, care fac un proces de selecție a revistelor pe baza unor criterii de performanță (Ris)

**Ris1.** **Florentina Niculescu**, Dragoș Marcu, Ștefan Burciu, Mihai Buzatu, Ionuț Mircea Petrescu, Nicolae Șerban, Gheorghe Iacob, “*Experimental Researches Regarding the Thermodynamic Activities in the Binary Pb-Sb Alloy System*”, Journal of Phase Equilibria and Diffusion, First Online: 15 May 2017 (2017). ISSN: 1547-7037 (Print) 1863-7345 (Online), doi:10.1007/s11669-017-0555-6. **Cotată ISI, factor impact 2015 – 0,784**

**Ris1.** Traian Buzatu, Valeriu Gabriel Ghica, Mircea Ionuț Petrescu, Gheorghe Iacob, Mihai Buzatu, **Florentina Niculescu**, “*Studies on mathematical modeling of the leaching process in order to recover efficiently lead from the sulfate/oxide lead paste*”, Waste Management, Available online 16 August 2016. ISSN: 0956-053X, DOI information: <http://dx.doi.org/10.1016/j.wasman.2016.08.005>, WOS:000397357100075 **Cotată ISI, factor impact 2015/2016 – 3,829**,

- b) în reviste din țară recunoscute C.N.C.S.I.S. (Rns)

**Rns1** Denisa VONICA,; Mircea HRITAC,; **Florentina NICULESCU**,; Nicolae CONSTANTIN, *A review of the state-of-art for the copper industry Acta Technica Corvinensis - Bulletin of Engineering* . Jul-Sep2015, Vol. 8 Issue 3, p131-135, e-ISSN: 2067-3809 indexata in Index COPERNICUS – Journal Master List, Genamics JournalSeek database, EVISA database, GOOGLE SCHOLAR, DOAJ - Directory of Open Access Journals, SCIRUS – Elsevier, ProQuest database, EBSCO Publishing, Ulrichsweb – Global

serials directory, BASE - Bielefeld Academic Search Engine, Open J-Gate Service, Journal Directory, DRJI - Directory of Research Journals Indexing, WorldCat – network of library content and services

**Rns2.** Denisa VONICA,; Mircea HRITAC,; **Florentina NICULESCU,**; Nicolae CONSTANTIN *The processing of the copper oxidic ashes using a modern technology*, Annals of the Faculty of Engineering Hunedoara - International Journal of Engineering . Aug2015, Vol. 13 Issue 3, p277-279, e-ISSN: 2067-3809 indexata in Index COPERNICUS – Journal Master List, Genamics JournalSeek database, EVISA database, GOOGLE SCHOLAR, DOAJ - Directory of Open Access Journals, SCIRUS – Elsevier, ProQuest database, EBSCO Publishing, Ulrichsweb – Global serials directory, BASE - Bielefeld Academic Search Engine, Open J-Gate Service, Journal Directory, DRJI - Directory of Research Journals Indexing, WorldCat – network of library content and services

**Rns3 Florentina PERETEANU,** Dragos TALOI, Ion CONSTANTIN, , *Thermodynamic study of binary Pb – Sb system using the POSS model*, UPB Scientific Bulletin, Seies B Chemistry and Materials Science, 72(1), , 2010, ISSN 1454 – 2331; pp 167 – 174, Cotată CNCSIS B+ si indexata in Ulrichs International Periodicals Directory; Inspec; Scopus; Cambridge Scientific Abstracts; Chemical Abstracts Service - Division Of American Chemical Society; Elsevier Sciencess Bibliographic Databases; Metals Abstracts; Engineering Village; Publication In Engineering; Metadex; Compendex.

**Rns4. Florentina NICULESCU,** , Dragos Florin MARCU Ion CONSTANTIN, Iulius Daniel Stefan HEICA *Thermodynamic measures calculation for pb–sb binary alloy system using redlich–kister theoretical model-* U.P.B. Sci. Bull., Series B, Vol. 78, Iss. 2, 2016 ISSN 1454-2331 p. 239-245 Cotată CNCSIS B+ si indexata in Ulrichs International Periodicals Directory; Inspec; Scopus; Cambridge Scientific Abstracts; Chemical Abstracts Service - Division Of American Chemical Society; Elsevier Sciencess Bibliographic Databases; Metals Abstracts; Engineering Village; Publication In Engineering; Metadex; Compendex.

**Rns5. Florentina NICULESCU** , Ion CONSTANTIN , Mihai BUZATU , Dragos Florin MARCU, Ioana CSAKI *Thermodynamic properties of the pb-sb system* U.P.B. Sci. Bull., Series B, Vol. 78, Iss. 4, 2016 ISSN 1454-2331 p. 215-220 Cotată CNCSIS B+ si indexata in Ulrichs International Periodicals Directory; Inspec; Scopus; Cambridge Scientific Abstracts; Chemical Abstracts Service - Division Of American Chemical Society; Elsevier Sciencess Bibliographic Databases; Metals Abstracts; Engineering Village; Publication In Engineering; Metadex; Compendex.

<sup>30</sup> Articole/studii publicate în volumele unor manifestări științifice

- a) internaționale recunoscute (cu ISSN sau ISBN) din țară și din străinătate (Vi)
- b) naționale (Vn), inclusiv cotate ISI sau indexate în baze de date internaționale.

**Vn1.** C. Popescu, **F. Pereteanu**, L. Vladutiu, I. Constantin, D. Taloi, *New Thermodynamic Model for Determination of Compounds Activities in Binary Alloys*, International Conference on Materials Science and Engineering, BRAMAT Feb. 22 – 24, 2007, Brasov, ISSN 1223 –

9631, pg. 256; Cotata CNCSIS B+ si indexata in EBSCO Publishing DataBase (<http://www.ebscohost.com/titleLists/a9h-subject.xls>).

**Vn2.** Constantin, I., Taloi, D., Vladutiu Liana, **Pereteanu Florentina**, *Kinetic Model of Advanced Dseoxidation in Vacuum*, International Conference on Materials Science and Engineering, BRAMAT Feb. 22 – 24, 2007, Brasov, ISSN 1223 – 9631, pg. 255; Cotata CNCSIS B+ si indexata in EBSCO Publishing DataBase (<http://www.ebscohost.com/titleLists/a9h-subject.xls>).

**Vn3.** Liana Vladutiu, D. Taloi, I. Constantin, D. Sotca, **Florentina Pereteanu**, *Prepararea pulberii de cupru de dimensiuni micrometrice prin reducere cu polioli*, Buletinul Institutului Politehnic Iasi, Tom LIII (LVII), Fasc. 4, Editura Politehniunium, Index Copernicus, ISSN 1453-1690. pg. 329- 331, Cotata CNCSIS B+ si indexata in Zentralblatt, Index Copernicus, Ulrich's, ProQuest, EBSCO si DOAJ.

6<sup>0</sup> Proiecte de cercetare-dezvoltare-inovare:

a) obținute prin competiție pe bază de contract/grant în țară / străinătate (Pn-naționale, Pi-internaționale)

**Pn1.** Ecotehnologie de tratare a componentilor lichizi rezultați în procesele de reciclare a bateriilor plumb acid CEEEX 305/2006 colaborator.

**Pn2** Vladutiu Liana Maria, Taloi D., Constantin I., Sotca D. and **Pereteanu Florentina** - preparation of micrometre-size copper powders, by reduction in liquid polyols contract Ceex colaborator

**Pn3.** CONCEPT TEHNOLOGIC RADICAL SCHIMBAT ÎN INDUSTRIA DE RECICLARE A PLUMBULUI PENTRU O PRODUCȚIE CURATĂ, SIGURĂ ȘI ECOEFICIENTĂ Acronim: GREENLEAD Perioada de derulare: 20.07.2006 – 20.09.2008 Coordonator: INCDMNR-IMNR București Parteneri: UPB-CEMS ( Universitatea Politehnica București - Centrul de cercetare și Expertizare materiale speciale CEMS) colaborator

**Pn4.** Grant CNCSIS nr 71, tema nr 62, SM 330603/2006,, Studiul termodinamic computerizat al sistemelor de aliaje binare Al-Sn, Bi-Sb, Pb-Sb colaborator.