Lista de lucrări
Conf.dr.ing. IACOB Gheorghe

I. TEZA DE DOCTORAT (A)

T1. **Teza de doctorat (T) cu titlul** "*CONTRIBUŢII PRIVIND OBŢINEREA MATERIALELOR COMPOZITE Al/Al_2O_3/Gr PRIN ALIERE MECANICĂ*", *Universitatea Politehnica din Bucureşti*, diploma cu seria H, nr. 0020327 din 07.11.2012, emisă conform Ordin de Ministru nr. 77/16.11.2012.

II. CĂRŢI PUBLICATE (B)

B – Cărţi / cursuri (manuale) pentru uzul studenților, publicate la edituri recunoscute

B1. Florentina Niculescu, **Gheorghe Iacob**, Adrian Priceputu, Constantin Ungureanu, "*Metode de modelare matematică a proceselor tehnologice*", Editura Matrix Rom, 2025, ISBN 978-606-25-0981-1, Nr. pagini: 238 (Cod CNCSIS Editura 39).

B2. Florentina Niculescu, **Gheorghe Iacob**, "*Implementarea principiilor etice în inginerie - Provocările etice ale tehnologiilor emergente*", Editura Matrix Rom, 2025, ISBN 978-606-25-0973-6, Nr. pagini: 108 (Cod CNCSIS Editura 39).

B3. **Gheorghe Iacob**, Florentina Niculescu, "*Economia circulară și inovația tehnologică: strategii pentru sustenabilitate*", Editura Matrix Rom, 2025, ISBN 978-606-25-0955-2, Nr. pagini: 233 (Cod CNCSIS Editura 39).

B4. Florentina Niculescu, **Gheorghe Iacob**, "*Etică și cazuistică în inginerie; Principii și lecții din practică*", Editura Matrix Rom, 2025, ISBN 978-606-25-0965-1, Nr. pagini: 165 (Cod CNCSIS Editura 39).

B5. Florentina Niculescu, **Gheorghe Iacob**, "*Evoluția și impactul metalurgiei asupra civilizației*", Editura Matrix Rom, 2024, ISBN 978-606-25-0946-0, Nr. pagini: 272 (Cod CNCSIS Editura 39).

B6. **Gheorghe Iacob**, Florentina Niculescu, Nicolae Şerban, Dan-Alexandru Micu, "*Compozite metalice pentru industriile critice*", Editura Matrix Rom, 2023, ISBN 978-606-25-0782-4, Nr. pagini: 200 (Cod CNCSIS Editura 39).

B7. Mircea Ionuţ Petrescu, **Gheorghe Iacob**, "*Structura atomică a mineralelor*", Editura PRINTECH, 2013, ISBN 978-606-23-0102-6, Nr. pagini: 139 (Cod CNCSIS Editura 54).

B8. Florentina Niculescu, **Gheorghe Iacob**, "*Cinetica și termodinamica proceselor metalurgice neferoase*", Editura PRINTECH, 2022, ISBN 978-606-23-1402-6, nr. pagini 137 (Cod CNCSIS Editura 54).

B9. **Gheorghe Iacob**, Valeriu Gabriel Ghica, Traian Buzatu, "*Valorificarea deşeurilor metalice*", Noțiuni de curs, Editura PRINTECH, 2019, ISBN 978-606-23-1022-6, nr. pagini: 194 (Cod CNCSIS Editura 54).

B10. **Gheorghe Iacob**, Valeriu Gabriel Ghica, "*Superaliaje*", Editura PRINTECH, 2019, ISBN 978-606-23-0978-7, nr. pagini: 221 (Cod CNCSIS Editura 54).

B11. Florentina Niculescu, Traian Buzatu, **Gheorghe Iacob**, "*Procese şi operaţii hidro-electrometalurgice*", Editura PRINTECH, 2019, ISBN 978-606-23-0978-7, nr. pagini 200 (Cod CNCSIS Editura 54).

III. ALTE MATERIALE PUBLICATE

I - Culegeri şi îndrumare de laborator publicate la edituri cu ISBN

I1. **Gheorghe Iacob**, Florentina Niculescu, Traian Buzatu, "*Procese şi operaţii în industria metalurgică*", Îndrumar de laborator, Editura PRINTECH, 2020, ISBN 978-606-23-1035-6, nr. pagini: 221 (Cod CNCSIS Editura 54).

I2. Constantin Domenic Stăncel, Valeriu Gabriel Ghica, **Gheorghe Iacob**, "*Metale neferoase rare, uşoare şi metale semiconductoare: aplicaţii*", Editura Politehnica Press, Bucureşti, 2018, ISBN 978-606-515-824-5, nr. pagini: 195 (Cod CNCSIS Editura 186).

I3. Ioana Csaki, **Gheorghe Iacob**, "*Noţiuni introductive în ingineria materialelor*", Îndrumar, Editura Politehnica Press, 2014, ISBN 978-606-515-579-4, nr. pagini: 183 (Cod CNCSIS Editura 186).

IV. ARTICOLE / STUDII IN EXTENSO PUBLICATE (C) Reviste de specialitate de circulaţie internaţională recunoscute (cotate / indexate WoS)

C1 Andrei-Alexandru Ilie, Florentina Niculescu, **Gheorghe Iacob*** (*reprint author), Ion Pencea, Florin Miculescu, Robert Bololoi, Dumitru-Valentin Drăgut, Alexandru-Cristian Matei, Mihai Ghiţă, Adrian Priceputu, Constantin Ungureanu, "*Microstructure and properties of Bi-Sn, Bi-Sn-Sb, and Bi-Sn-Ag solder alloys for electronic applications*", Metals, vol. 15, nr. 8, art. nr. 915, 2025, nr. pag. 19, **DOI information: https://doi.org/10.3390/met15080915,** Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 2.5, **WOS: 001557978500001, SCOPUS (DOC ID: 105014276425).**

C2 Mihai Buţu, Constantin-Domenic Stăncel, Alexandra Constantina Mirea, Carmen Avasiloaiei, Florentina Niculescu, Adrian Mateescu, **Gheorghe Iacob**, George Jora, "*In-situ synthesis and characterization of high-strength AA7075/TiB_2 composites for advanced applications*", U.P.B. Sci. Bull., Series B, vol. 87, nr. 2, 2025, pg. 223-238, ISSN (print): 1454-2331 / (online): 2286-3680, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,3, **WOS: 001508448400017, SCOPUS (DOC ID: 105008514855).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rez545_621933.pdf

C3 Andrei-Lucian Timiş, Ion Pencea, Adrian Priceputu, Constantin Ungureanu, Zbynek Karas, Florentina Niculescu, Ramona -Nicoleta Turcu, **Gheorghe Iacob**, Dragoş- Florin Marcu, Alexandru Constantin Macovei, "*A new conservative approach for statistical data analysis in surveying for trace elements in solid waste ponds*", Applied Sciences-Basel, vol. 15, nr. 8, art. nr. 4246, 2025, nr. pg. 20, **DOI information: https://doi.org/10.3390/app15084246**, ISSN: 2076-3417, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 2.5, **WOS:001474659600001, SCOPUS (DOC ID: 105003730437).**

C4 Andrei-Lucian Timiş, Ion Pencea, Zbynek Karas, Philipp Gründken, Adrian Priceputu, Constantin Ungureanu, Florentina Niculescu, Ramona -Nicoleta Turcu, **Gheorghe Iacob**, Dragoş- Florin Marcu, "*The new paradigm caused by Regulation (EU) 2024/1252 on the upcycling of the landfilled ferrous slags - Case study: iron and steel slag dumps in Romania*", Minerals, vol. 15, nr. 3, art. nr. 560, 2025, nr. pg. 13, **DOI information: https://doi.org/10.3390/min15030260**, ISSN: 2075-163X, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 2.2, **WOS:001452842000001, SCOPUS (DOC ID: 105001147663).**

C5 Florentina Baciu, **Gheorghe Iacob*** (*reprint author), Florentina Niculescu, Mihai Buţu, Laura Geambazu, Ciprian-Alexandru Manea, Eugen Manta, Dumitru-Valentin Drăguţ, Andreea-Nicoleta Ghiţă, Alexandru-Cristian Matei, Roxana-Marina Şolea, "*Development and characterization of new biomedical alloys based on NiCrMo and NiCrMoTa*", U.P.B. Sci. Bull., Series B, vol. 86, nr. 4, 2024, pg. 282-290, ISSN (print): 1454-2331 / (online): 2286-3680, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,3, **WOS:001380943500021, SCOPUS (DOC ID: 85213353396).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rezbaf_763287.pdf

C6 Andrei-Lucian Timiș, Ion Pencea, Zbynek Karas, Adrian Priceputu, Constantin Ungureanu, Florentina Niculescu, Ramona-Nicoleta Turcu, Dragoș-Florin Marcu, Sorin Ciucă, **Gheorghe Iacob**, "*Research concerning the upcycling of air-cooled blast furnace slag from old Călan dump as admixture in clinker precursor*", U.P.B. Sci. Bull., Series B, vol. 86, nr. 4, 2024, pg. 231-244, ISSN (print): 1454-2331 / (online): 2286-3680, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,3, **WOS:001380943500017, SCOPUS (DOC ID: 8521332219).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rezc12_336749.pdf

C7 **Gheorghe Iacob*** (*prim author), Valeriu-Gabriel Ghica, Florentina Niculescu, Mircea-Ionut Petrescu, Ana Vasile, "*Processing and Characterization of Spent Nickel–Metal Hydride Type AA Batteries to Recover Valuable Materials (Cobalt, Nickel and Rare Earth Elements)*", Materials, vol. 17, nr. 19, art. nr. 4908, 2024, nr. pg. 15, **DOI information: https://doi.org/10.3390/ma17194908**, ISSN: 1996-1944. Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 3,1, **WOS:001332406300001, SCOPUS (DOC ID: 85206461056).**

C8 Ana Vasile, Valeriu-Gabriel Ghica, **Gheorghe Iacob**, Mircea-Ionuț Petrescu, Emil Mihailov, Delia Pătroi, "*Recycling Ni-MH batteries used in medical devices. Part I - Investigations on the contents of Ni-MH batteries*", U.P.B. Sci. Bull., Series B, vol. 86, nr. 2, 2024, pg. 223-234, ISSN (print): 1454-2331 / (online): 2286-3680, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact–0,3, **WOS:001247485400018, SCOPUS (DOC ID: 85202448352).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rez388_511113.pdf

C9 Florentina Niculescu, Ion Pencea, **Gheorghe Iacob*** (*reprint author), Mihai Ghiță, Mariana-Mirela Stănescu, Mircea-Ionuț Petrescu, Emanuel-Laurențiu Niculescu, Mihai Buțu, Constantin-Domenic Stăncel, Nicolae Șerban, Roxana-Marina Șolea, Andrei-Alexandru Ilie, "*Thermodynamic Assessment of Molten Bi_x-Sn_{1-x} (x = 0.1 to 0.9) Alloys and Microstructural Characterization of Some Bi-Sn Solder Alloys*", Materials, vol. 17, nr. 7, art. nr. 1579, 2024, nr. pg. 18, **DOI information: https://doi.org/10.3390/ma17071579**, ISSN: 1996-1944. Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 3,1, **WOS:001201626400001, SCOPUS (DOC ID: 85190249193).**

C10 **Gheorghe Iacob*** (*prim author), Valeriu-Gabriel Ghica, Mircea-Ionuț Petrescu, Florentina Niculescu, Mihai Buțu, Constantin-Domenic Stăncel, Mariana-Mirela Stănescu, Andrei-Alexandru Ilie, "*Research on the development and characterization of Bi-Sn, Bi-Sn-Sb and Bi-Sn-Ag solder alloys*", U.P.B. Sci. Bull., Series B, vol. 86, nr. 1, 2024, pg. 187-198, ISSN (print): 1454-2331 / (online): 2286-3680, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,5, **WOS:001196525500014, SCOPUS (DOC ID: 85194828166).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rezb3b_756506.pdf

C11 Ștefan-Ioan Ghica, Valeriu-Gabriel Ghica, Mircea-Ionuț Petrescu, **Gheorghe Iacob*** (*reprint author), Victor Geantă, Mihai Buzatu, Elena Ungureanu, "*Design of Ti-Mo-W Alloys and Its Correlation with Corrosion Resistance in Simulated Body Fluid (SBF)*", Materials, vol. 16, nr. 6, art. nr. 2453, 2023, nr. pg. 14, **DOI information: https://doi.org/10.3390/ma16062453**, ISSN: 1996-1944. Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 3,748, **WOS: 000960486600001, SCOPUS (DOC ID: 85152048991).**

C12 Ana Vasile, Valeriu-Gabriel Ghica, Mircea-Ionuț Petrescu, Florentina Niculescu, Ramona-Nicoleta Turcu, Maria-Elena Enache, **Gheorghe Iacob*** (*reprint author), "*Physical separation and recycling-oriented characterization of metallic material contained in spent NiMH batteries*", U.P.B. Sci. Bull., Series B, vol. 85, nr. 2, 2023, pg.

143-154, ISSN (print): 1454-2331 / (online): 2286-3680, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,5, **WOS:001015437100012, SCOPUS (DOC ID: 85163147603)**.
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rezd62_253845.pdf

C13 Bogdan Florea, Dragos Florin Marcu, Augustin Semenescu, Adrian Ioana, Mariana Ciurdas, **Gheorghe Iacob**, Florentina Niculescu, Monica Iorga, Florin Hristache, "*Optimizing the combustible consumption using the IoT concept for foundry furnaces*", U.P.B. Sci. Bull., Series B, vol. 85, nr. 3, 2023, pg. 147-154, ISSN (print): 1454-2331 / (online): 2286-3680, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,5, **WOS:001052966300013, SCOPUS (DOC ID: 85168560881)**.

C14 Mihai Buzatu, Mircea-Ionuţ Petrescu, Victor Geantă, Radu Ştefănoiu, Mihai Buzatu, Mihai Buţu, **Gheorghe Iacob**, Florentina Niculescu, "*Full factorial design for Ti-Mo-W beta alloys to correlate the modulus of elasticity with the material parameters Md, Bo and e/a*", U.P.B. Sci. Bull., Series B, vol. 84, nr. 4, 2022, pg. 181-190, ISSN (print): 1454-2331 / (online): 2286-3680, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,5, **WOS: 000813376200014, SCOPUS (DOC ID: 84923329978).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rez0cc_927172.pdf.
Indexată ISI - Web of Science Core Collection / Science Citation Index Expanded.

Cl 5 Ştefan Ioan Ghica, Cosmin Mihai Cotruţ, Mihai Buzatu, Victor Geantă, Valeriu Gabriel Ghica, Mircea Ionuţ Petrescu, **Gheorghe Iacob** (*reprint author), Elena Ungureanu, "*Evaluation of the corrosion resistance of Ti-Mo-W alloys in simulated body fluid (SBF)*", U.P.B. Sci. Bull., Series B, vol. 84, nr. 1, 2022, pg. 189-198, ISSN (print): 1454-2331 / (online): 2286-3680, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,5, **WOS: 000813376200014, SCOPUS (DOC ID: 84923329978).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rez9e2_798920.pdf.
Indexată ISI - Web of Science Core Collection / Science Citation Index Expanded.

C16 Emanuel Niculescu, **Gheorghe Iacob*** (*reprint author), Florentina Niculescu, Ion Pencea, Mihai Buzatu, Mircea-Ionut Petrescu, Dragos-Florin Marcu, Ramona-Nicoleta Turcu, Victor Geanta, Mihai Butu, "*Experimental Determination of the Activities of Liquid Bi-Sn Alloy*", Journal of Phase Equilibria and Diffusion, vol. 42, nr. 2, 2021, pg. 278-289. ISSN: 1547-7037 (Print), 1863-7345 (Online), **DOI information: https://doi.org/10.1007/s11669-021-00880-2**, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 1,421, **WOS:000639616800001, SCOPUS (DOC ID: 85104245294)**.

C17 Bogdan Florea, Dragos Florin Marcu, Augustin Semenescu, Adrian Ioana, Mihai Butu, Florentina Niculescu, **Gheorghe Iacob**, Roxana Solea, "*The SCADA in the cloud concept for optimizing the management of heat treatment processes*", U.P.B. Sci. Bull., Series B, vol. 83, nr. 2, 2021, pg. 313-322 ISSN (print): 1454-2331 / (online): 2286-3680, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,5, **WOS: 000661663200027, SCOPUS (DOC ID: 85109022776)**.

C18 Maria Muscalu, Valeriu-Gabriel Ghica, **Gheorghe Iacob**, Mircea-Ionuţ Petrescu, Mihai Buzatu, "*Studies and research on waste $MoSi_2$ heating elements*", U.P.B. Sci. Bull., Series B, vol. 83, nr. 1, 2021, pg. 239-248, ISSN (print): 1454-2331 / (online): 2286-3680, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,5, **WOS: 000627764100022, SCOPUS (DOC ID: 85104030655).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rezd2b_252040.pdf.
Indexată ISI - Web of Science Core Collection / Science Citation Index Expanded.

C19 Emanuel-Laurenţiu Niculescu, Mihai Buzatu, Mircea-Ionuţ Petrescu, Mihai Buţu, **Gheorghe Iacob**, Florentina Niculescu, Bogdan Florea, Dragoş-Florin Marcu, Constantin-Dominic Stăncel, Mariana-Mirela Stănescu, "*Thermodynamic calculation of the binary systems Bi-Sn by implementing a JAVA interface*", U.P.B. Sci. Bull., Series B, vol. 83, nr. 1, 2021, pg. 219-228, ISSN (print): 1454-2331 / (online): 2286-3680, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,5, **WOS: 000627764100020, SCOPUS (DOC ID: 85104009232). https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rez0e7_133012.pdf.**
Indexată ISI - Web of Science Core Collection / Science Citation Index Expanded.

C20 Valeriu-Gabriel Ghica, Eugeniu Vasile, Cosmina Carata, Cristina Ileana Covaliu, Mircea-Ionuţ Petrescu, **Gheorghe Iacob**, Mihai Buzatu, "*Recovery of silver from waste silver oxide button cells. Part II: obtaining silver chloride*", Revista Romana de Materiale, vol. 50, nr. 3, 2020, pg. 354 – 360, ISSN: 2457-502X, ISSN-L 1583-3186, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,628, **WOS: 000573097800008, SCOPUS (DOC ID: 85091352306).**

C21 Lăcrămioara-Raluca Bivol, Valeriu-Gabriel Ghica, Eugeniu Vasile, Cristina Ileana Covaliu, Dan Gheorghe, Mircea-Ionuţ Petrescu, **Gheorghe Iacob**, Mihai Buzatu, "*Analysis of a painting made on metal support in order to establish paternity*", Revista Romana de Materiale, vol. 50, nr. 3, 2020, pg. 320 – 330, ISSN: 2457-502X, ISSN-L 1583-3186, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,628, **WOS: 000573097800004, SCOPUS (DOC ID: 85091534693).**

C22 Cosmina Carata, Eugeniu Vasile, Valeriu-Gabriel Ghica, Mircea-Ionuţ Petrescu, **Gheorghe Iacob**, Mihai Buzatu, *Recovery of silver from waste silver oxide button cells – Part I: characterization of active material*, Revista Romana de Materiale, vol.50, nr. 2, 2020, pg. 191 – 197, ISSN: 2457-502X, ISSN-L 1583-3186, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,628, **WOS: 000538152900005, SCOPUS (DOC ID: 85090730241).**

C23 Ionuţ Bratosin, Valeriu-Gabriel Ghica, Mihai Buzatu, Mircea-Ionuţ Petrescu, **Gheorghe Iacob**, Tünde Anna Kovács, Alina-Daniela Necşulescu, "*Separation process optimization of the paste from the aluminum cathode, in the process of recovery of cobalt from used batteries*", U.P.B. Sci. Bull., Series B, vol. 82, nr. 3, 2020, pg. 199-210, ISSN (print): 1454-2331 / (online): 2286-3680, **WOS:000610098500017, SCOPUS (DOC ID: 85089211242).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rezfdd_805714.pdf.
Indexată ISI - Web of Science Core Collection / Science Citation Index Expanded.

C24 Constantin-Domenic Stăncel, Mihai Buzatu, Valeriu-Gabriel Ghica, Mircea-Ionuţ Petrescu, Gabriela Popescu, Florentina Niculescu, **Gheorghe Iacob**, Dragoş-Florin Marcu, "*The pressing-sintering process for the production of Al/Al_2O_3/Gr hybrid composites*", U.P.B. Sci. Bull., Series B, vol. 82, nr. 1, 2020, pg. 199-208, ISSN (print): 1454-2331 / (online): 2286-3680, **WOS: 000550837300017, SCOPUS (DOC ID: 85081171661).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/reze12_588531.pdf
Indexată ISI - Web of Science Core Collection / Science Citation Index Expanded.

C25 Mihai Buzatu, Victor Geantă, Radu Ştefănoiu, Mihai Buţu, Mircea-Ionuţ Petrescu, Mihai Buzatu, Valeriu-Gabriel Ghica, Florentina Niculescu, **Gheorghe Iacob** (*reprint author), "*Influence of the Tungsten Content on the Elastic Modulus of New Ti-15Mo-W Alloys Intended for Medical Applications*", JOM - The Journal of The Minerals, Metals & Materials Society (TMS), vol. 71, nr. 7, 2019, pg. 2272-2279, **DOI information: http://dx.doi.org/10.1007/s11837-019-03512-w**, Print ISSN: 1047-4838, Online ISSN:

1543-1851. Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 2,305, **WOS:000471617100012, SCOPUS (DOC ID: 85065643817).**

C26 Mihai Buzatu, Victor Geantă, Radu Ştefănoiu, Mihai Buţu, Mircea-Ionuţ Petrescu, Mihai Buzatu, Iulian Antoniac, **Gheorghe Iacob*** (*reprint author), Florentina Niculescu, Ştefan-Ioan Ghica, Horaţiu Moldovan, "*Investigations into Ti-15Mo-W alloys developed for medical applications*", Materials, vol. 12, nr. 1, art. nr. 147, 2019, nr. pg. 10, **DOI information**: **http://dx.doi.org/10.3390/ma12010147**, ISSN: 1996-1944. Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 2,972, **WOS: 000456410200147, SCOPUS (DOC ID: 85059529823).**

C27 Elena-Roxana Falahati Mojaveri, Traian Buzatu, Mihai Buţu, Mircea-Ionuţ Petrescu, Florentina Niculescu, **Gheorghe Iacob**, Mariana-Mirela Stănescu, "*Recovery of copper by electrolysis of solutions obtained from the solubilization of polymetallic concentrates from WPCBs*", U.P.B. Sci. Bull., Series B, vol. 81, nr. 4, 2019, pg. 227 – 236, ISSN (print): 1454-2331 / (online): 2286-3680, **WOS: 000501994100021.SCOPUS (DOC ID: 85076617188).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rez73d_812758.pdf
Indexată ISI - Web of Science Core Collection / Science Citation Index Expanded.

C28 Lăcrămioara-Raluca Bivol, Eugeniu Vasile, Dan Gheorghe, Valeriu-Gabriel Ghica, Mihai Buzatu, Mircea-Ionuţ Petrescu, Tünde Anna Kovács, **Gheorghe Iacob**, "*Analysis by optical and electronic microscopy on the silver oklad of St. Andrew icon (Romanian Art, 19th century)*", U.P.B. Sci. Bull., Series B, vol. 81, nr. 3, 2019, pg. 139 – 148, ISSN (print): 1454-2331 / (online): 2286-3680, **WOS: 000487215400014, SCOPUS (DOC ID: 85071691612).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/reze8d_433997.pdf
Indexată ISI - Web of Science Core Collection / Science Citation Index Expanded.

C29 Mihai Buzatu, Victor Geantă, Radu Ştefănoiu, Mihai Buţu, Mircea-Ionuţ Petrescu, Mihai Buzatu, Ştefan-Ioan Ghica, Iulian Antoniac, **Gheorghe Iacob**, Florentina Niculescu, Dragoş-Florin Marcu, Horaţiu Moldovan, "*Mathematical modeling for correlation of the resistance to compression with the parameters Md, Bo and e/a, for the design of titanium β alloys developed for medical applications*",U.P.B. Sci. Bull., Series B, vol. 81, nr. 1, 2019, pg. 183 – 192, ISSN (print): 1454-2331 / (online): 2286-3680, **WOS: 000465035300016, SCOPUS (DOC ID: 85062484922).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full282_468743.pdf
Indexată ISI - Web of Science Core Collection / Science Citation Index Expanded.

C30 Eliza Istrate, Mircea-Ionuţ Petrescu, **Gheorghe Iacob**, Traian Buzatu, Valeriu-Gabriel Ghica, Mihai Buzatu, Florentina Niculescu, *"Extraction and separation of non-ferrous and precious metals from waste of electrical and electronic equipment through ferric sulfate leaching and electrolysis"*, Journal of Chemical Technology and Biotechnology, vol. 93, 2018, pg. 2878–2886, **DOI information**: **http://dx.doi.org/10.1002/jctb.5641**, Print ISSN: 0268-2575, Online ISSN: 1097-4660. Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 2,659, **WOS: 000443943700009, SCOPUS (DOC ID: 85046084709).**

C31 Ancuta-Mihaela Turcu, Valeriu-Gabriel Ghica, Francesco Veglio, Mihai Buzatu, Mircea-Ionuţ Petrescu, **Gheorghe Iacob**, Ionela Bîrloagă, "*Catalytic paste solubilization researches regarding the cobalt recovery from used Li-ion batteries - anova application*", U.P.B. Sci. Bull., Series B, vol. 80, nr. 3, 2018, pg. 183 – 194, ISSN (print): 1454-2331 / (online): 2286-3680, **WOS: 000440890800016, SCOPUS (DOC ID: 85051179500).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rez692_773532.pdf
Indexată ISI - Web of Science Core Collection / Science Citation Index Expanded.

C32 Diana-Andreea Ardeleanu, Valeriu Gabriel Ghica, Mihai Buzatu, Mircea-Ionuţ Petrescu, **Gheorghe Iacob**, Janos Novak, Tünde Anna Kovács, Mihai Buţu, "*Analysis of an automotive piston using finite element method*", U.P.B. Sci. Bull., Series B, vol. 80, nr. 3, 2018, pg. 196 – 206, ISSN (print): 1454-2331 / (online): 2286-3680, **WOS: 000440890800017, SCOPUS (DOC ID: 85051211980).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full6f0_492346.pdf
Indexată ISI - Web of Science Core Collection / Science Citation Index Expanded.

C33 Florentina Niculescu, Bogdan Florea, Mihai Buzatu, Gabriel Valeriu Ghica, Mircea-Ionuţ Petrescu, **Gheorghe Iacob**, Emanuel Niculescu, Dragoş Florin Marcu, Constantin Domenic Stăncel, "*Visual basic application for calculation of the superficial tension of solutions in the $CuSO_4 - H_2SO_4 - H_2O$ system*", U.P.B. Sci. Bull., Series B, vol. 80, nr. 2, 2018, pg. 249-261, ISSN (print): 1454-2331 / (online): 2286-3680, **WOS: 000434271500021, SCOPUS (DOC ID: 85048001633).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full593_246482.pdf
Indexată ISI - Web of Science Core Collection / Science Citation Index Expanded.

C34 Mihai Buzatu,Ştefan Ioan Ghica, Mircea-Ionuţ Petrescu, Victor Geantă, Radu Ştefănoiu, **Gheorghe Iacob**, Mihai Buţu, Eugenia Vasile, "*Obtaining and Characterization of the Ti15Mo5W Alloy for Biomedical Applications*", MATERIALE PLASTICE, vol. 54, nr. 3, 2017, pg. 596-600. ISSN 2537-5741, ISSN-L 0025-5289, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 1,393, **WOS: 000426412300045, SCOPUS (DOC ID: 85030557232).**
http://www.revmaterialeplastice.ro/pdf/45%20BUZATU%20MIHAI%203%2017.pdf

C35 Florentina Niculescu, Dragoş Marcu, Ştefan Burciu, Mihai Buzatu, Ionuţ Mircea Petrescu, Nicolae Şerban, **Gheorghe Iacob*** (*reprint author), "*Experimental Researches Regarding the Thermodynamic Activities in the Binary Pb-Sb Alloy System*", Journal of Phase Equilibria and Diffusion, vol. 38, nr. 5, 2017, pg. 700–706. ISSN: 1547-7037 (Print), 1863-7345 (Online), **DOI information: http://dx.doi.org/10.1007/s11669-017-0555-6**. Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 1,421, **WOS:000409081100010, SCOPUS (DOC ID: 85019215060).**

C36 Traian Buzatu, Valeriu Gabriel Ghica, Mircea Ionuţ 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,vol. 60, 2017, pg. 723-733, **DOI information: http://dx.doi.org/10.1016/j.wasman.2016.08.005**, ISSN: 0956-053X. Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 5,431, **WOS:000397357100075, SCOPUS (DOC ID: 84995495616).**

C37 Cristina-Mădălina Toma, Valeriu-Gabriel Ghica, Mihai Buzatu, Mircea-Ionuţ Petrescu, **Gheorghe Iacob**, Vasile Iulian Antoniac, Eugenia Vasile, Francesco Veglio, "*Recovery of Active Cathode Material Containing Co and Li From Waste Li-Ion Batteries*", U.P.B. Sci. Bull., Series B, vol. 79, nr. 3, 2017, pg. 75-86, ISSN (print): 1454-2331 / (online): 2286-3680, **WOS: 000416417800008, SCOPUS (DOC ID: 85028360747).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full7a3_239383.pdf
Indexată ISI - Web of Science Core Collection / Science Citation Index Expanded.

C38 Mihai Buzatu, Ştefan Ioan Ghica, Eugenia Vasile, Victor Geantă, Radu Ştefănoiu, Mircea Ionuţ Petrescu, **Gheorghe Iacob**, Mihai Buţu, Mirela Sohaciu, "*On the design of new b-phase titanium alloys"*, U.P.B. Sci. Bull., Series B, vol. 78, nr. 3, 2016, pg. 161-172, ISSN (print): 1454-2331 / (online): 2286-3680, **WOS: 000417053200015, SCOPUS (DOC ID: 85030563073).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rez740_321637.pdf
Indexată ISI - Web of Science Core Collection / Science Citation Index Expanded

C39 Gabriel Valeriu Ghica, Mihai Buzatu, Mircea Ionuţ Petrescu, **Gheorghe Iacob*** (*reprint author), "*Alloy 5083 (AlMg4.5Mn0.7Cr0.15) obtained using rapidly solidified master alloys*", Journal of Optoelectronics And Advanced Materials, vol. 17, nr. 5-6, May – June 2015, pg. 799-805. ISSN: PRINT: 1454 – 4164, ON-LINE: 1841 - 7132, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,588, **WOS: 000357766600045, SCOPUS (DOC ID: 84941271385).**
https://joam.inoe.ro/articles/alloy-5083-almg45mn07cr015-obtained-using-rapidly-solidified-master-alloys/fulltext

C40 Traian Buzatu, Valeriu Gabriel Ghica, Mihai Buzatu, **Gheorghe Iacob**, "*Solubilisation kinetics of the lead hydroxide in acetic acid*", REV. CHIM., vol. 66, nr. 2, 2015, pg. 285 - 289. ISSN: 0034-7752, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 1,605, **WOS: 000351659300031, SCOPUS (DOC ID: 84925303771).**
http://www.revistadechimie.ro/pdf/BUZATU%20T.pdf%202%2015.pdf

C41 Traian Buzatu, Mircea Ionuţ Petrescu, Valeriu Gabriel Ghica, Mihai Buzatu, **Gheorghe Iacob**, "*Processing oxidic waste of lead-acid batteries in order to recover lead*", Asia-Pacific Journal of Chemical Engineering, vol. 10, nr. 1, 2015, pg. 125 – 132, **DOI infomation: http://dx.doi.org/10.1002/apj.1854**, ISSN: 1932-2135, eISSN: 1932-2143. Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 1,396, **WOS: 000348909900012, SCOPUS (DOC ID: 84921809364).**

C42 **Gheorghe Iacob*** (*prim author), Valeriu Gabriel Ghica, Mihai Buzatu, Traian Buzatu, Mircea Ionuţ Petrescu, "*Studies on wear rate and micro-hardness of the Al/Al2O3/Gr hybrid composites produced via powder metallurgy*", Composites Part B-Engineering, vol. 69, 2015, pg. 603–611, **DOI information: http://dx.doi.org/10.1016/j.compositesb.2014.07.008**. ISSN: 1359-8368, eISSN: 1879-1069. Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 6,864, **WOS: 000347266600068, SCOPUS (DOC ID: 84923329978).**

C43 Traian Buzatu, Emilia Talpoş, Mircea Ionuţ Petrescu, Valeriu Gabriel Ghica, **Gheorghe Iacob**, Mihai Buzatu, "*Utilization of granulated lead slag as a structural material in roads constructions*", Journal of Materials Cycles and Waste Management, vol. 17, 2015, pg. 707–717, **DOI information: http://dx.doi.org/10.1007/s10163-014-0297-z**, ISSN: 1438-4957, eISSN: 1611-8227. Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 2,004, **WOS: 000362520800011, SCOPUS (DOC ID: 85028082210).**

C44 Valeriu Gabriel Ghica, Mihai Buzatu, **Gheorghe Iacob**, Mircea Ionuţ Petrescu, "*Electron microscopy researches on the microstructure of INCONEL 718 alloy*", REV. CHIM., vol. 65, nr. 1, 2014, pg. 105-109. ISSN: 0034-7752, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 1,605, **WOS: 000334150300021, SCOPUS (DOC ID: 84895172173).**
http://www.revistadechimie.ro/pdf/GHICA%20%20V.pdf%201%2014.pdf

C45 Mihai Buzatu, Petru Moldovan, Denisa Vonica, Augustin Semenescu, ***Gheorghe Iacob***, "*Mathematical modeling of the filtration process of aluminum melts*", U.P.B. Sci. Bull., Series B, vol. 76, nr. 2, 2014, pg. 213 – 224. ISSN 1454-2331, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,3, **WOS:000440250900021, SCOPUS (DOC ID: 84907411748).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full443_558017.pdf

C46 Genica Bădănoiu, Traian Buzatu, Valeriu Gabriel Ghica, Mihai Buzatu, ***Gheorghe Iacob***, Mircea Ionuţ Petrescu, "*Study of PbSO4 solubilisation in NaOH solution, for the treatment of oxide-sulphate pastes obtained from dismembered lead-acid batteries*", U.P.B. Sci. Bull., Series B, vol. 76, nr. 1, 2014, pg. 209 – 219, ISSN 1454-2331, Cotată

ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,3, **WOS:000440249300021, SCOPUS (DOC ID: 84894580610).**
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full076_489166.pdf

C47 Mihai Buzatu, Simona Săceanu, Valeriu Gabriel Ghica, **Gheorghe Iacob*** *reprint author), Traian Buzatu, "*Simultaneous recovery of Zn and MnO_2 from used batteries, as raw materials, by electrolysis*", Waste Management,vol. 33, nr. 8, 2013/2014, pg. 1764 – 1769. ISSN: 0956-053X, **DOI information: http://dx.doi.org/10.1016/j.wasman.2013.04.010**, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 5,431,**WOS: 000322561800009, SCOPUS (DOC ID: 84881263018).**

C48 ***Gheorghe Iacob***, "*Technological characteristics of Al/Al_2O_3/Gr powder composites obtained by mechanical alloying*", Metalurgia International vol. XVIII, no. 2, 2013, pg. 43 - 48. ISSN: 1582-2214, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,134, **WOS: 000313469500010, SCOPUS (DOC ID: 84874206368).**

C49 ***Gheorghe Iacob***, Gabriela Popescu, Mihai Buzatu, "*Studies regarding technological properties of Al/Al_2O_3/Gr hybrid composites*", U.P.B. Sci. Bull., Series B, vol. 75, nr. 2, 2013, pg. 117 – 126, ISSN 1454-2331, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,3, **WOS:000440244200013, SCOPUS (DOC ID: 84878820872)**.
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full9c7_476055.pdf

C50 Gabriela Popescu, ***Gheorghe Iacob***, Mihai Buzatu, "*Structural evolution and morphological changes of Al/Al_2O_3/Gr composites*", Metalurgia International Special Issue, vol. XVIII, no. 1, ROMAT, 2013, pg. 104 – 107. ISSN: 1582-2214. Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,134, **WOS: 000315368200023, SCOPUS (DOC ID: 84874169550).**

C51 ***Gheorghe Iacob***, Gabriela Popescu, Florin Miculescu, Mihai Buzatu, "*Obtaining and characterization of Al/Al2O3/Gr composites by mechanical alloying*", U.P.B. Sci. Bull., Series B, vol. 74, nr. 2, 2012, pg. 221 – 230, ISSN 1454-2331, Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,3, WOS:000440233600018, **SCOPUS (DOC ID: 84865130373)**.
https://www.scientificbulletin.upb.ro/rev_docs_arhiva/fullb11_313690.pdf

C52 Adina Uşurelu-Cristea, Gabriela Popescu, ***Gheorghe Iacob***, Ion Pencea, Cătălin Eugen Sfăt, Roxana Truşcă, "*Crystal size determination of Al-Mn master alloy*", Metalurgia International vol. XVI, no. 4, BRAMAT, 2011, pg. 145 – 148. ISSN: 1582-2214. Cotată ISI Web of Science Core Collection / Science Citation Index Expanded, factor impact – 0,134, **WOS: 000289186700035, SCOPUS (DOC ID: 79954482516).**

C53 Dragoş-Florin Marcu, Mihai Buzatu, Valeriu-Gabriel Ghica, Mircea-Ionuţ Petrescu, Gabriela Popescu, Florentina Niculescu, **Gheorghe Iacob*** (*reprint author), "*Experimental characterization of aluminum-based hybrid composites obtained through powder metallurgy*", International Conference on Innovative Research - ICIR EUROINVENT 2018, Iasi, 17th–18th of May 2018, IOP Conf. Series: Materials Science and Engineering, vol. 374, art. nr. 012036, 2018, nr. pg. 8, **DOI information: http://dx.doi.org/10.1088/1757-899X/374/1/012036,** Indexată ISI - Web of Science Core Collection / Science Citation Index Expanded:**WOS: 000446775900036, SCOPUS (DOC ID: 85049156753).**

C54 Lăcrămioara-Raluca Bivol, Valeriu Gabriel Ghica, Mihai Buzatu, Mircea-Ionuţ Petrescu, **Gheorghe Iacob**, Eugenia Vasile, Dan Gheorghe, Tunde Anna Kovács, "*Metallographic study of XIX century oklads belonging to Russian icons*", International Conference on Innovative Research - ICIR EUROINVENT 2018, Iasi, 17th–18th of May 2018, IOP

Conf. Series: Materials Science and Engineering, vol. 374, art no. 012076, 2018,nr. pg. 7, **DOI information: http://dx.doi.org/10.1088/1757-899X/374/1/012076,** Indexată ISI - Web of Science Core Collection / Science Citation Index Expanded:**WOS: 000446775900076, SCOPUS (DOC ID: 85049186688).**

C55 Cristina-Mădălina Toma, Valeriu-Gabriel Ghica, Mihai Buzatu, Mircea-Ionuţ Petrescu, Eugenia Vasile, **Gheorghe Iacob*** (*reprint author), "*A Recovery Process Of Active Cathode Paste From Spent Li-Ion Batteries*", International Conference on Innovative Research - ICIR EUROINVENT 2017, Iasi, 25th–26th of May 2017, IOP Conf. Series: Materials Science and Engineering, vol. 209, art. nr. 012034, 2017, nr. pg. 8, **DOI information: http://dx.doi.org/10.1088/1757-899X/209/1/012034,** Indexată ISI - Web of Science Core Collection / Science Citation Index Expanded:**WOS: 000423732100034, SCOPUS (DOC ID: 85023199022).**

C56 Gabriela Popescu, Vasile Soare, Eugen Vasile, **Gheorghe Iacob**, "*Obtaining and characterization of nanostructured Al-Sr master alloys*", TMS 2012 141st Annual Meeting and Exhibition, Supplemental Proceedings: Materials Properties, Characterization, and Modeling, Volume 2 (ed TMS), John Wiley & Sons, Inc., Hoboken, NJ, USA, 2012, pg. 43-50, **DOI information: http://dx.doi.org/10.1002/9781118357002.ch6.** Print ISBN: 9781118296097, Online ISBN: 9781118357002, Indexată ISI - Web of Science Core Collection / Science Citation Index Expanded:**WOS: 000311607900006, SCOPUS (DOC ID: 84860728691).**

Reviste de specialitate de circulaţie internaţională recunoscute (indexate în alte Baze de Date Internaţionale - BDI specifice domeniului)

C1.1. Florentina Baciu, Mihai Buzatu, Florentina Niculescu, **Gheorghe Iacob**, Mihai Butu, Nicolae Serban, Ion Pencea, "*Comparative analysis of different dental implants – Part I: The variation of chemical composition and microstructure*", Annals of Faculty Engineering Hunedoara – International Journal of Engineering, Tome XXII, Fascicule 2 (May), 2024, ISSN: 1584-2665 (printed), ISSN: 2601-2332 (online), pg. 163-170, https://annals.fih.upt.ro/pdf-full/2024/ANNALS-2024-2-23.pdf.
Revistă cotată CNCSIS B+ şi indexată în: CiteFactor, DOAJ, EVISA, CAS, EBSCO, SCIRUS, Ulrich, ProQuest, Global Scholar Index.

C1.2. Florentina Baciu, Mihai Buzatu, Florentina Niculescu, **Gheorghe Iacob**, Ion Pencea, "*Comparative analysis of different dental implants – Part II: EDS mapping of the elemental distributions*", Annals of Faculty Engineering Hunedoara – International Journal of Engineering, Tome XXII, Fascicule 2 (May), 2024, ISSN: 1584-2665 (printed), ISSN: 2601-2332 (online), pg. 189-194, https://annals.fih.upt.ro/pdf-full/2024/ANNALS-2024-2-26.pdf. Revistă cotată CNCSIS B+ şi indexată în: CiteFactor, DOAJ, EVISA, CAS, EBSCO, SCIRUS, Ulrich, ProQuest, Global Scholar Index.

C1.3. Ionut-Ovidiu Marcosanu, Valeriu Gabriel Ghica, Mircea Ionut Petrescu, **Gheorghe Iacob**, "*Processing of aluminum cables using the ELDAN installation*", Acta Technica Corviniensis – Bulletin of Engineering, Tome XV, Fascicule (January – March), 2022, e-ISSN: 2067–3809, pg. 49 – 52, https://acta.fih.upt.ro/pdf/2022-1/ACTA-2022-1-08.pdf. Revistă cotată CNCSIS B+ şi indexată în: Index Copernicus, WorldCat, DOAJ, EVISA, CAS, EBSCO, SCIRUS, Ulrich, ProQuest.

C1.4. Ionut-Ovidiu Marcosanu, Valeriu Gabriel Ghica, Mircea Ionut Petrescu, **Gheorghe Iacob**, "*Increasing the productivity of the Eldan installation – case study*", Acta Technica Corviniensis – Bulletin of Engineering, Tome XIV, Fascicule 3 (July –

September), 2021, e-ISSN: 2067–3809, pg. 89 – 92, http://acta.fih.upt.ro/pdf/2021-3/ACTA-2021-3-15.pdf. Revistă cotată CNCSIS B+ şi indexată în: Index Copernicus, WorldCat, DOAJ, EVISA, CAS, EBSCO, SCIRUS, Ulrich, ProQuest.

C1.5. Dragoş-Florin Marcu, Mihai Buzatu, **Gheorghe Iacob**, Florentina Niculescu, "*Technological process for separation and recovery of metallic material from used household batteries*", Acta Technica Corviniensis – Bulletin of Engineering, Tome XIII, Fascicule 4 (October – December), 2020, e-ISSN: 2067–3809, pg. 121 – 126, http://acta.fih.upt.ro/pdf/2020-4/ACTA-2020-4-22.pdf. Revistă cotată CNCSIS B+ şi indexată în: Index Copernicus, WorldCat, DOAJ, EVISA, CAS, EBSCO, SCIRUS, Ulrich, ProQuest.

C1.6. Ionut Bratosin, Valeriu Gabriel Ghica, Mircea Ionut Petrescu, Mihai Buzatu, Alina Daniela Necsulescu, **Gheorghe Iacob**, "*Recycling Li-ion batteries in eco-friendly environments*", HADITECHNIKA LIV. évf. vol. 5, 2020, pg. 8-14, DOI: 10.23713/HT.54.5.02, ISSN: 0230-6891, Revistă indexată înREAL-J - repository of the Library and Information Centre; Hungarian Academy of Sciences.

C1.7. Toma Cristina, Ghica Valeriu Gabriel, Petrescu Mircea Ionut, **Iacob Gheorghe** (*corresponding author), "*Tehnologii de reciclare a bateriilor uzate Li-ion*", Revista de Turnătorie, nr. 5/6 - 2016, pg. 22-28, ISSN: 1224-21-44. Revistă indexată în American Chemical Society, CAS Source Index (CASSI).
http://www.revistadeturnatorie.ro/Home%20Page_files/articole/index_16-05_06.htm

C1.8. **Iacob Gheorghe**, Ghica Valeriu Gabriel, "*Studierea efectului timpului de aliere mecanică şi a cantităţii de ranforsant asupra dimensiunilor granulometrice a compozitelor hibrid $Al/Al_2O_3/Gr$*", Revista de Turnătorie, nr. 5-6/2015, pg. 23-33, ISSN: 1224-21-44. Revistă indexată în American Chemical Society, CAS Source Index (CASSI).
http://www.revistadeturnatorie.ro/Home%20Page_files/articole/index_15-05_06.htm

C1.9. Buzatu Mihai, Ghica Ştefan Ioan, **Iacob Gheorghe** (*corresponding author), "*Noi aliaje biocompatibile pe bază de magneziu*", Revista de Turnătorie, nr. 1-2/2015, pg. 2-7, ISSN: 1224-21-44. Revistă indexată în American Chemical Society, CAS Source Index (CASSI).
http://www.revistadeturnatorie.ro/Home%20Page_files/articole/index_15-01_02.htm

C1.10. Gabriela Popescu, Victoria Soare, Dumitru Mitrică, **Gheorghe Iacob**, Adina Uşurelu-Cristea, Mihai Buzatu, "*Obtaining of nanostructured aluminium based master alloys*", Buletinul Institutului Politehnic din Iaşi, Tomul LVII (LXI), fasc. 5, Editura Politehnium, 2011, pg. 97 - 106. Revistă cotată CNCSIS B+ şi indexată în Zentralblatt, Index Copernicus, Ulrich's, ProQuest, EBSCO, DOAJ. https://sim.tuiasi.ro/wp-content/uploads/2015/BIPI-5-2011.pdf

C1.11. **Gheorghe Iacob**, Adina Uşurelu-Cristea, Gabriela Popescu, Mihai Buzatu, Florin Miculescu, "*Microstructural analysis of $Al/Al_2O_3/Gr$ powder composites produced by mechanical alloying*", Analele Universităţii "Eftimie Murgu" Reşiţa, Fascicula de Inginerie, anul XVIII, nr. 1, Editura Eftimie Murgu, Resita, 2011, pg. 59 - 66, ISSN 1453-7394. Revistă cotată CNCSIS B+ şi indexată în EBSCO, DOAJ, RePEc, ProQuest, WorldCat, Ulrich's, IndexCopernicus, Livre, Academic Journals, Database, British Library, ICAAP, NewJour. http://anale-ing.uem.ro/2011/A6.pdf

C1.12. **Gheorghe Iacob**, Adina Uşurelu-Cristea, Gabriela Popescu, Mihai Buzatu, "*Applications of Al/SiC/Gr and $Al/Al_2O_3/Gr$ composites obtained by mechanical alloying for the automotive industry*", Cercetari Metalurgice si de Noi Materiale / Metallurgy and New Materials Researches, vol. XIX, no. Special BRAMAT 2011, pg. 9 – 12, ISSN: 1221-5503. Revistă cotată CNCSIS B+ şi indexată EVISA.

C1.13. Ionuţ Bratosin, Valeriu-Gabriel Ghica, Mircea-Ionuţ Petrescu, Mihai Buzatu, **Gheorghe Iacob**, Alina-Daniela Necşulescu, "*Researches on the recovery of useful metals from spent Li-Ion batteries*", 24th Innovative Manufacturing Engineering and Energy International Conference (IManEE 2020) 14th-15th December 2020, Athens, Greece, IOP Conf. Series: Materials Science and Engineering, vol. 1037, art. nr. 012039, 2021, nr. pg. 7, DOI information: http://dx.doi.org/10.1088/1757-899X/1037/1/012039, SCOPUS (DOC ID: 85101639785).

C1.14 Bogdan Florea, Dragoş Marcu, Adrian Ioana, Augustin Semenescu, Roxana Solea, **Gheorghe Iacob**, Florentina Niculescu, "*Software application for optimizing raw material costs, including materials recovered from batteries and accumulators*", 24th Innovative Manufacturing Engineering and Energy International Conference (IManEE 2020) 14th-15th December 2020, Athens, Greece, IOP Conf. Series: Materials Science and Engineering, vol. 1037, art. nr. 012063, 2021, nr. pg. 6, DOI information: 10.1088/1757-899X/1037/1/012064.

C1.15. Bogdan Florea, Dragoş Marcu, Adrian Ioana, Augustin Semenescu, Roxana Solea, **Gheorghe Iacob**, Florentina Niculescu, "*Software application for optimizing raw material costs, including materials recovered from batteries and accumulators*", 24th Innovative Manufacturing Engineering and Energy International Conference (IManEE 2020) 14th-15th December 2020, Athens, Greece, IOP Conf. Series: Materials Science and Engineering, vol. 1037, art. nr. 012063, 2021, nr. pg. 6, **DOI information: http://dx.doi.org/10.1088/1757-899X/1037/1/012064.**

C1.16. Lăcrămioara-Raluca Bivol, Valeriu-Gabriel Ghica, Mircea-Ionuţ Petrescu, **Gheorghe Iacob**, Eugeniu Vasile, Mihai Buzatu, Dan Gheorghe, Tunde Anna Kovács, "*Studies on two icons oklads with the representation of St. Great Martyr George*", International Conference on Innovative Research - ICIR EUROINVENT 2020, Iasi, 21 to 22 of May 2020, IOP Conf. Series: Materials Science and Engineering, vol. 877(1), art. nr. 012047, 2020, nr. pg. 10, DOI information: https://iopscience.iop.org/article/10.1088/1757-899X/877/1/012047, SCOPUS (DOC ID: 85090838933).

C1.17. Ştefan-Ioan Ghica, Cosmin-Mihai Cotruţ, Mihai Buzatu, Iulian-Vasile Antoniac, Victor Geantă, Mihai Buţu, Mircea-Ionuţ Petrescu, Radu Ştefănoiu, Elena Ungureanu, **Gheorghe Iacob**, Roxana- Nicoleta Ionescu, "*In vitro Corrosion Behavior of Ti-Mo-W Alloys in Artificial Saliva*", International Conference on Innovative Research - ICIR EUROINVENT 2019, Iasi, 16th–17th of May 2019, IOP Conf. Series: Materials Science and Engineering, vol. 572, art. nr. 012028, 2019,nr. pg. 8, DOI information: http://dx.doi.org/10.1088/1757-899X/572/1/012028, SCOPUS (DOC ID: 85070610643).

C1.18. Ionuţ Bratosin, Cristina-Mădălina Toma, Eugeniu Vasile, Valeriu-Gabriel Ghica, Mihai Buzatu, Mircea-Ionuţ Petrescu, Tunde-Anna Kovács, Alina-Daniela Necsulescu, **Gheorghe Iacob**, "*Recovery of $LiCoO_2$ compound from cathodic paste of waste LIBs, by ultrasonography in lactic acid solution*", International Conference on Innovative Research - ICIR EUROINVENT 2019, Iasi, 16th–17th of May 2019, IOP Conf. Series: Materials Science and Engineering, vol. 572, art. nr. 012053, 2019, nr. pg. 9, DOI information: http://dx.doi.org/10.1088/1757-899X/572/1/012053, SCOPUS (DOC ID: 85070610618).

C1.19. Lăcrămioara-Raluca Bivol, Valeriu-Gabriel Ghica, Mihai Buzatu, Mircea-Ionuţ Petrescu, **Gheorghe Iacob**, Eugeniu Vasile, Dan Gheorghe, Tunde Anna Kovács, "*Metallographic analysis of icon oklad – St. Great Martyr George*", International Conference on Innovative Research - ICIR EUROINVENT 2019, Iasi, 16th–17th of May 2019, IOP Conf. Series: Materials Science and Engineering, vol. 572, art. nr. 012097, 2019, nr. pg. 7, DOI information: http://dx.doi.org/10.1088/1757-899X/572/1/012097,SCOPUS (DOC ID: 85070656847).

C1.20. Mihaiță Adrian Matara, Ioana Csáki, Mariana Lucaci, Magdalena Lungu, Gabriela Popescu, **Gheorghe Iacob**, "Al/Al_2O_3+Gr hybrid composite compacting behavior", Advanced Material Research,vol. 1114, 2015, pg. 86-91, Trans Tech Publications, Switzerland. Revistă indexată în Scopus şi Ei Compendex (CPX), Cambridge Scientific Abstracts (CSA), Chemical Abstracts (CA), Institution of Electrical Engineers (IEE). DOI information: https://doi.org/10.4028/www.scientific.net/AMR.1114.86.

C1.21. **Gheorghe Iacob**, Gabriela Popescu, Mihai Buzatu, Adina Uşurelu-Cristea, "*Characterization and compacting of the $Al/Al_2O_3/Gr$ composite powders through powder metallurgy*", Conference Proceedings of the Academy of Romanian Scientists – Productica Scientific Session, vol. 4, no. 1, 2012, pg. 67 – 74, ISSN 2067 – 2160. DOI: 10.13140/2.1.2162.5281.
Revistă cotată CNCSIS B+.

Lucrări publicate în reviste şi volume de conferinţe cu referenţi (neindexate) (D)

D – Lucrări prezentate la diferite seminarii/expoziţii, conferinţe, etc.

D1. Ionuţ-Alin Sârmon, Ana-Maria Proorocu, Ion Pencea, Florentina Niculescu, **Gheorghe Iacob**, "*Transforming electronic waste: extracting metals from cell phones*", 10th International Conference on Materials Science and Technologies – RoMAT 2024, 14-15 Noiembrie, 2024, Bucuresti, Romania.

D2. Georgian-Adrian Ene, Lenuţa Barbu, Ionuţ-Alin Sârmon, Ana-Maria Proorocu, Ion Pencea, Florentina Niculescu, **Gheorghe Iacob**, Adrian Priceputu, Constantin Ungureanu, "*A study on the cu recovery yield from wasted printed circuit boards using a conventional pyrometallurgical-electrolysis routes*", 10th International Conference on Materials Science and Technologies – RoMAT 2024, 14-15 Noiembrie, 2024, Bucuresti, Romania.

D3. Mihai Buțu, Constantin-Domenic Stăncel, A.C. Mirea, C. Avasiloaiei, Florentina Niculescu, Adrian Mateescu, **Gheorghe Iacob**, George Jora, "*In-situ synthesis and characterization of high-strength AA7075/TiB_2 composites for advanced applications*", 10th International Conference on Materials Science and Technologies – RoMAT 2024, 14-15 Noiembrie, 2024, Bucuresti, Romania.

D4. Elena Cristina Ariton, Valeriu-Gabriel Ghica, Ionuţ Bratosin, **Gheorghe Iacob**, Mircea-Ionuţ Petrescu, A. Icleanu, "*Recovery and valorization of cobalt from used Li-Ion type batteries*", 10th International Conference on Materials Science and Technologies – RoMAT 2024, 14-15 Noiembrie, 2024, Bucuresti, Romania.

D5. Florin Ion Mocioiu, Valeriu-Gabriel Ghica, **Gheorghe Iacob,** Mircea-Ionuţ Petrescu, "*Ultrasound examination of welds – Case study*", 10th International Conference on Materials Science and Technologies – RoMAT 2024, 14-15 Noiembrie, 2024, Bucuresti, Romania.

D6. Liviu Didă, Valeriu-Gabriel Ghica, **Gheorghe Iacob**, Mircea-Ionuţ Petrescu, "*Metallic foams used as acoustic protection screens*", 10th International Conference on Materials Science and Technologies – RoMAT 2024, 14-15 Noiembrie, 2024, Bucuresti, Romania.

D7. Teodor Sârbu, **Gheorghe Iacob**, Mircea-Ionuţ Petrescu, "*Research on Li-Ion battery recycling*", 10th International Conference on Materials Science and Technologies – RoMAT 2024, 14-15 Noiembrie, 2024, Bucuresti, Romania.

D8. Narcis Daniel Saftere, **Gheorghe Iacob**, Mircea-Ionuţ Petrescu, "*Recovery of useful metals from the anode of used Ni-MH batteries*", 10th International Conference on Materials Science and Technologies – RoMAT 2024, 14-15 Noiembrie, 2024, Bucuresti, Romania.

D9. Ana Vasile, Valeriu-Gabriel Ghica, Mircea-Ionuţ Petrescu, **Gheorghe Iacob**, Angelos Markopoulos, "*The identification and characterization of the compounds present in NiMH*

batteries", 9th International Conference on Materials Science and Technologies – RoMAT 2022, 24-25 Noiembrie, 2022, Bucuresti, Romania.

D10. Ana Vasile, Ştefan-Ioan Ghica, **Gheorghe Iacob**, Mircea-Ionuţ Petrescu, Valeriu-Gabriel Ghica, "*The use of batteries in medical devices – the problem of medical security*", 4th International Conference on Central European Critical Infrastructure Protection 17-18, Noiembrie 2022, Budapeste, Ungaria.

D11. Ştefan-Ioan Ghica, Mihai Buzatu, Valeriu-Gabriel Ghica, Mircea-Ionuţ Petrescu, **Gheorghe Iacob**, Elena Ungureanu, "*Design of Ti-Mo-W alloys and its correlation with corrosion resistance in simulated body fluid (SBF)*", 9th International Conference on Materials Science and Technologies – RoMAT 2022, 24-25 Noiembrie, 2022, Bucuresti, Romania.

D12. Dragos Florin Marcu, Bogdan Florea, Augustin Semenescu, Mihai Buţu, Monica Iorga, **Gheorghe Iacob**, Florentina Niculescu, Constantin Domenic Stăncel, "*Importance of manufacturing technologies with emphasis on operational costs: the case of metal matrix composites*", Proceedings of the 39th International Business Information Management Association (IBIMA), ISBN: 978-0-9998551-8-8, ISSN: 2767-9640, 30-31 May 2022, Granada, Spain, pg. 366-371.

D13. Bogdan Florea, Dragos Florin Marcu, Augustin Semenescu, Adrian Ioana, **Gheorghe Iacob**, Florentina Niculescu, Monica Iorga, "*Software and cloud solutions to streamline costs of metallurgical processes*", Proceedings of the 39th International Business Information Management Association (IBIMA), ISBN: 978-0-9998551-8-8, ISSN: 2767-9640, 30-31 May 2022, Granada, Spain, pg. 360-365.

D14. Bogdan Florea, Dragoş-Florin Marcu, Adrian Ioana, Augustin Semenescu, Roxana Iordachescu, Mihai Butu, **Gheorghe Iacob**, Florentina Niculescu, "*The management of command and control technology in the cloud for monitoring aggregates in materials industry*", 10th International Conference of Management and Industrial Engineering (ICMIE 2021) 11th-12th November 2021, Bucharest, Romania, Business Change and Digital Transformation in a World Moving Through Crisis, nr. 10, noiembrie 2021, pg. 161-168, ISSN 2344-0927, ISSN-L 2344-0937.

D15. Irina Gabriela Scarlat, Valeriu-Gabriel Ghica, Mircea-Ionuţ Petrescu, **Gheorghe Iacob**, Ana Vasile, "*Identification and recovery of Li and Mn from residual solution used to recover useful metals from spent Li-Ion batteries*", 3rd International Conference on Central European Critical Infrastructure Protection, 15 Noiembrie 2021, Budapesta, Ungaria.

D16. Lăcrămioara-Raluca Bivol, Valeriu-Gabriel Ghica, Mircea-Ionuţ Petrescu, **Gheorghe Iacob**, Mihai Buzatu, Tunde Anna Kovacs, Adrian Bibiş, "*Comparative study of two oklads of romanian icons made at the beginning of the 20th century*", 8th International Conference on Materials Science and Technologies – RoMAT 2020, 26-27 Noiembrie, 2020, Bucuresti, Romania.

D17. Cristina-Madalina Toma, János Novák, Valeriu-Gabriel Ghica, Tünde Anna Kovács, **Gheorghe Iacob,** Mihai Buzatu, Mircea-Ionut Petrescu, Eugenia Vasile, "*Ultrasound separation in acidic solutions of the cathode active paste from the aluminium cathode in the recycling process of spent Li-ion batteries*", 11th Hungarian Conference on Materials Science, 15-17 Octombrie, 2017, Balatonkenese, Ungaria.

D18. Vasile Soare, Mitrica Dumitru, Gabriela Popescu, **Gheorghe Iacob**, "*Obtaining of AlSi7Mg cast alloy by micro-alloying with nanostructured AlSr10 and AlTi5B1 master alloys*", Romanian foundry conference and exhibition with international participation 21st edition, 12-14 iunie 2012, Iaşi, Romania.

Contracte de cercetare ca responsabil sau director

Director de contract

1. **Director de proiect -** "*Recuperarea sinergică a materialelor valoroase din deşeurile de baterii NiMH prin metode sustenabile (ReSinMat)*", Grant de cercetare, Număr proiect GnaC ARUT2023 - 36. **Contract de finanţare nr. 107 / 04.12.2023**, Data de începere: 04 decembrie 2023, Data de finalizare: 31 decembrie 2025 (25 luni).
https://upb.ro/wp-content/uploads/2022/11/Lista-proiecte-finantate-dupa-suplimentarea-bugetului.pdf
2. **Director de proiect -** "*Bioaliaje Ti-Mo-W cu caracteristici fizico-mecanice superioare, destinate aplicaţiilor medicale (BioTiMed)*", Grant de cercetare, Număr proiect GnaC ARUT2018 - 40. **Contract de finanţare nr. SM35-18-02 / 15.10.2018**, Data de începere: 15 octombrie 2018, Data de finalizare: 15 decembrie 2019 (14 luni).
https://upb.ro/wp-content/uploads/2018/10/Rezultate-Competitia-de-Granturi-Nationale-GNaC2018-ARUT.pdf

Responsabil de contract

1. .....
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Membru în echipe de cercetare

Contracte de cercetare internaţionale

1. **Membru în echipa proiectului -** *"Îmbunătăţrea şi extinderea duratelor de utilizare a pompelor şi turbinelor geotermale prin tehnologia de acoperire cu materiale multicompozit depuse în plasmă termică (GEOTUR)", "Upgrading and Life Cycle Extensions of Geothermal Energetic Pumps and Turbines by Thermal Spray Process and Multi Composite Technology"*, Numar proiect EEA - JRP- RO – 2013 – 1 – 0038, European Economic Area (EEA). Financial Mechanism 2012-2017.**Contract de finantare nr. 16 SEE / 30.06.2014**, Data de începere: 1 iulie 2014, Data de finalizare: 15 aprilie 2017.
http://metav-cd.ro/geotur/en-presentation.html.
2. .....

Contracte de cercetare naţionale

1. **Membru în echipa proiectului -** *"Tehnologie de producere dispozitive optic variabile intricate spectral pentru securizarea avansata a produselor si documentelor"*, **PN-IV-P7-7.1-PTE-2024-0827, Contract de finanţare nr. 53PTE / 2025**, Data de începere: 13 iunie 2025, Data de finalizare: 13 iunie 2027.
2. **Membru în echipa proiectului -** *"Studii şi cercetări privind valorificarea superioară în domeniile construcţiilor civile, industriale şi de drumuri a unor deşeuri minerale din haldele metalurgice, conform abordării UE- „zero deşeuri"*, **ctr. nr. intern UNSTB: T-SM3324.01**, Data de începere: 14 iunie 2024, Data de finalizare: 25 mai 2025..
3. **Membru în echipa proiectului -** "*Corelaţii compoziţie - structură - proprietăţi în cazul compozitelor hybrid pe baza de aluminiu (CorHyAl)*", Grant intern de cercetare UPB, Număr proiect GEX2017 - SM 35-17-06. **Contract de finanţare nr. 70 / 25.09.2017**, Data de începere: 25 septembrie 2017, Data de finalizare: 25 septembrie 2018.
https://bluemonitor.upb.ro/files/evenimente/cercetare/2017/Rezultate_Finale_UPB-GEX2017-final.pdf.

4. **Membru în echipa proiectului -** "*Compozite de Mg cu Particule Amorfe*", Grant intern de cercetare UPB, Număr proiect GEX2017 - SM 35-17-05. **Contract de finanțare nr. 69 / 25.09.2017**, Data de începere: 25 septembrie 2017, Data de finalizare: 25 septembrie 2018. **https://bluemonitor.upb.ro/files/evenimente/cercetare/2017/Rezultate_Finale_UPB-GEX2017-final.pdf**.
5. **Membru în echipa proiectului -** "*Tehnologie inovativă şi ecologică de recuperare a metalelor neferoase din deşeurile provenite de la echipamentele electrice şi electronice (DEEE) prin utilizarea energiei microundelor*", **PN-II–PT–PCCA–2013-4, Nr. Contract: 82 / 2014**. Data începerii proiectului: 01/07/2014, Data încheierii proiectului: 30/06/2017. **https://imnr.ro/ecomicrorec/index**.
6. **Membru în echipa proiectului -** "*Noi aliaje/compozite cu entropie înaltă, cu proprietăți mecanice și anticorozive superioare, pentru aplicații la temperaturi ridicate (HEADURCOR)*", **PN-II–PT–PCCA-2013-4-1048, Nr. Contract: 270 / 2014.** Data începerii proiectului: 01/07/2014, Data încheierii proiectului: 30/06/2017. **http://www.headurcor.pub.ro/**
7. **Membru în echipa proiectului -** "*Materiale metalice avansate pentru noile generații de centrale nucleare, 4R - NUCLEARMAT*", **PN-II-PT-PCCA-2013-4, Nr. Contract: 243 / 2014.** Data începerii proiectului: 01/07/2014, Data încheierii proiectului: 30/06/2017. **https://nuclearmat2014.webnode.ro/plan-de-realizare/**.
8. **Membru în echipa proiectului -** "*Dezvoltarea unui nou tip de rezervor exterior suplimentar, din materiale compozite avansate, acroșat pe elicopterul IAR 330 PUMA*", **PN-II-PT-PCCA-2013-4, Nr. Contract: 293 / 2014.** Data începerii proiectului: 01/07/2014, Data încheierii proiectului:30/06/2017. **https://upb-phact.webs.com/**.
9. **Membru în echipa proiectului -** "*Aliaje de aluminiu nanostructurate cu caracteristici fizico – mecanice înalte - NANOSTRAL*", CNMP PN-II, **Nr. 72-205/01.10.2008**, UPB-CEMS, 2008 – 2011. **https://www.yumpu.com/ro/document/view/35796990/aliaje-de-aluminiu-nanostructurate-cu-prezentare**.

Premii
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Lucrări invitate la conferințe
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Chairman la conferințe
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Membru în comitete editoriale
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Brevete
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Laboratoare de cercetare dezvoltate

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Activităţi extracuriculare

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Recenzor la reviste

1. ADVANCED ENGINEERING MATERIALS, WILEY-V C H VERLAG GMBH, Cotată ISI factor de impact 2023 – 3,4, ISSN: 1438-1656. Cat. MATERIALS SCIENCE, MULTIDISCIPLINARY in SCIE edition, Zona: Q2, Top: 188/439.
2. REVISTA DE METALURGIA, CONSEJO SUPERIOR INVESTIGACIONES CIENTIFICAS-CSIC, Cotată ISI factor de impact 2023 – 0,6, ISSN: 0034-8570. Cat. METALLURGY & METALLURGICAL ENGINEERING in SCIE edition, Zona: Q4, Top: 75/90.
3. JOURNAL OF HAZARDOUS MATERIALS, ELSEVIER, Cotată ISI factor de impact 2023 – 12,2, ISSN: 0304-3894. Cat. ENGINEERING, ENVIRONMENTAL in SCIE edition, Zona: Q1, Top: 4/81.
4. HYDROMETALLURGY, ELSEVIER, Cotată ISI factor de impact 2023 – 4,8, ISSN: 0304-386X. Cat. METALLURGY & METALLURGICAL ENGINEERING in SCIE edition, Zona: Q1, Top: 11/90.
5. JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, ELSEVIER, Cotată ISI factor de impact 2023 – 4,3, ISSN: 0022-3697. Cat. PHYSICS, CONDENSED MATTER in SCIE edition, Zona: Q2, Top: 23/79.
6. UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE, POLYTECHNIC UNIV BUCHAREST, ISSN 1454-2331. Cotată ISI factor de impact 2023 – 0,3, Cat. CHEMISTRY, MULTIDISCIPLINARY in ESCI edition, Zona Q4, Top: 220/231.

Recenzor la conferinţe

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Data: **Semnătura:**

27.03.2026