

A. Lucrări indexate ISI/BDI

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); b) în alte reviste de specialitate de circulație internațională (Rio); c) în reviste din țară recunoscute C.N.C.S.I.S. (Rns); d) în alte reviste de specialitate de circulație națională (Rno); b,c,d-inclusiv indexate în baze de date internaționale recunoscute.

Obs. – Grupe distincte, în ordinea de mai sus.

(Ris)1. Golgovici, F (Golgovici, Florentina); Ionascu, FG (Ionascu, Florentina Gina); Prodana, M (Prodana, Mariana); Demetrescu, I (Demetrescu, Ioana), Simultaneously Embedding Indomethacin and Electrodeposition of Polypyrrole on Various CoCr Alloys from Ionic Liquids, Materials, Volume 15, Issue 13, DOI 10.3390/ma15134714, Published JUL 2022, Indexed 2022-07-21, WOS:000825596800001, FI₂₀₂₁=3.748

(Ris)2. Lacatusu, I (Lacatusu, Ioana); Balanuca, B (Balanuca, Brindusa); Serafim, A (Serafim, Andrada); Ott, C (Ott, Cristina); Prodana, M (Prodana, Mariana); Badea, N (Badea, Nicoleta), Salicin and Hederacoside C-Based Extracts and UV-Absorbers Co-Loaded into Bioactive Lipid Nanocarriers with Promoted Skin Antiaging and Hydrating Efficacy, Nanomaterials, Volume12, issue14, Article Number2362, DOI10.3390/nano12142362, Published JUL 2022, Indexed 2022-08-04, WOS:000831780700001, FI₂₀₂₁=5.719

(Ris)3. Boulanger, N (Boulanger, Nicolas); Kuzenkova, AS (Kuzenkova, Anastasiia S.); Iakunkov, A (Iakunkov, Artem); Nordenstrom, A (Nordenstrom, Andreas); Romanchuk, AY (Romanchuk, Anna Yu); Trigub, AL (Trigub, Alexander L.); Zasimov, PV (Zasimov, Pavel, V); Prodana, M (Prodana, Mariana); Enachescu, M (Enachescu, Marius); Bauters, S (Bauters, Stephen); Amidani, L (Amidani, Lucia); Kvashnina, KO (Kvashnina, Kristina O.); Kalmykov, SN (Kalmykov, Stepan N.); Talyzin, AV (Talyzin, Alexandr, V), High Surface Area "3D Graphene Oxide" for Enhanced Sorption of Radionuclides, ADVANCED MATERIALS INTERFACES, Volume 9, Issue18, Article Number 2200510, DOI10.1002/admi.202200510, Published JUN 2022, Indexed 2022-05-29, ISSN2196-7350, WOS:000797817600001, FI₂₀₂₁=6.389

(Ris)4. Badea, MA (Badea, Madalina Andreea); Balas, M (Balas, Mihaela); Prodana, M (Prodana, Mariana); Cojocaru, FG (Cojocaru, Florentina Gina); Ionita, D (Ionita, Daniela); Dinischiotu, A (Dinischiotu, Anca), Carboxyl-Functionalized Carbon Nanotubes Loaded with Cisplatin Promote the Inhibition of PI3K/Akt Pathway and Suppress the Migration of Breast Cancer Cells, Pharmaceutics, Volume 14, Issue2, Article Number 469, DOI10.3390/pharmaceutics14020469, Published FEB 2022, Indexed 2022-03-13, WOS:000765142800001, FI₂₀₂₁=6.525

(Ris)5. Ionascu, FG (Ionascu, Florentina Gina) Prodana, M (Prodana, Mariana) Golgovici, F (Golgovici, Florentina) Demetrescu, I (Demetrescu, Ioana), A Combined Strategy to Improve the Performance of Dental Alloys Using a New CoCrNbMoZr Alloy with Mn and Si Coated via an Anodic Oxidation Procedure, METALS, Volume11, Issue7, Article Number1017, DOI10.3390/met11071017, Published JUL 2021, WOS:000676238700001, FI₂₀₂₁=2.695

(Ris)6. Prodana, M (Prodana, Mariana); Stoian, AB (Stoian, Andrei Bogdan) ; Burnei, C (Burnei, Cristian); Ionita, D (Ionita, Daniela), Innovative Coatings of Metallic Alloys Used as Bioactive Surfaces in Implantology: A Review, COATINGS, Volume 11, Issue 6, Article Number 649, DOI10.3390/coatings11060649, Published JUN 2021, Indexed 2021-07-03, WOS:000666708200001, FI₂₀₂₁= 3.236

(Ris)7. Golgovici, F (Golgovici, Florentina); Prodana, M (Prodana, Mariana); Ionascu, FG (Ionascu, Florentina Gina); Demetrescu, I (Demetrescu, Ioana), A Comparative Electrochemical and Morphological Investigation on the Behavior of NiCr and CoCr Dental Alloys at Various Temperatures, METALS, Volume 11, Issue 2, Article Number 256, DOI10.3390/met11020256, Published FEB 2021, Indexed 2021-03-18, WOS:000622787800001, FI₂₀₂₁=2.695

(Ris)8. Cocarta, DM (Cocarta, Diana Mariana); Prodana, M (Prodana, Mariana) ; Demetrescu, I (Demetrescu, Ioana); Lungu, PEM (Lungu, Patricia Elena Maria); Didilescu, AC (Didilescu, Andreea Cristiana), Indoor Air Pollution with Fine Particles and Implications for Workers' Health in Dental Offices: A Brief Review, SUSTAINABILITY, Volume 13, Issue 2, Article Number 599, DOI10.3390/su13020599, Published JAN 2021, Indexed 2021-02-10, WOS:000611766700001, FI₂₀₂₁=3.889

(Ris)9. George-Razvan Pandealea-Dobrovicescu, **Mariana Prodana**, Florentina Golgovici, Daniela Ionita, Maria Sajin and Ioana Demetrescu, Surface Morphology and Histopathological Aspects of Metallic Used Cardiovascular CoCr Stents, Metals **2020**, 10, 1112-1125; doi:10.3390/met10091112, WOS: 000580557200001, FI₂₀₂₁=2.695

(Ris)10. **Prodana, Mariana**, Nistor, Claudiu-Eduard, Stoian, Andrei Bogdan, Ionita, Daniela, Burnei, Cristian, Dual Nanofibrous Bioactive Coatings on TiZr Implants, COATINGS, Volume: 10, Issue: 6, 2020, DOI: 10.3390/coatings10060526, WOS:000553904000001, FI₂₀₂₁= 3.236

(Ris)11. Iakunkov, Artem, Skrypnychuk, Vasyl, Nordenstrom, Andreas, Shilayeva, Elizaveta, Korobov, Mikhail, **Prodana, Mariana**, Enachescu, Marius, Larsson, Sylvia, Talyzin, Alexandr, Activated graphene as a material for supercapacitor electrodes: effects of surface area, pore size distribution and hydrophilicity, PHYSICAL CHEMISTRY CHEMICAL PHYSICS, Volume:21, Issue:32, Pages:17901-17912, DOI:10.1039/c9cp03327k, 2019, WOS:000481777100040, FI₂₀₂₁=3.945

(Ris)12. Prioteasa, L (Prioteasa, Larisa); **Prodana, M (Prodana, Mariana)**; Demetrescu, I (Demetrescu, Ioana); Ionita, D (Ionita, Daniela) ; Maier, T(Maier, Traian); Moisa, M (Moisa, Marcel), Heavy metals and other trace elements in the blood and breast milk from two different romanian areas, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, Volume: 17 Issue: 12 Pages: 2915-2921, Published: DEC 2018, ISSN: 1582-9596, WOS:000456043800016, FI₂₀₂₁=0.858

(Ris)13. Badea, MA (Badea, Madalina Andreea) ; **Prodana, M (Prodana, Mariana)**; Dinischiotu, A (Dinischiotu, Anca); Crihana, C (Crihana, Carmen); Ionita, D (Ionita, Daniela); Balas, M (Balas, Mihaela), Cisplatin Loaded Multiwalled Carbon Nanotubes Induce Resistance in Triple Negative Breast Cancer Cells, PHARMACEUTICS, Volume: 10, Issue: 4, Article Number: 228, DOI:

10.3390/pharmaceutics10040228, Published: DEC 2018, ISSN: 1999-4923, WOS:000455853800066, FI₂₀₂₁=6.525

(Ris)14. Ionita, D (Ionita, Daniela); Ungureanu, C (Ungureanu, Camelia); **Prodana, M (Prodana, Mariana)**; Negru, AM (Negru, Andrada Maria); Enachescu, M (Enachescu, Marius), Hybrid Materials Based on Multi-walled Carbon Nanotubes with Antimicrobial Properties, REVISTA DE CHIMIE, Volume: 69 Issue: 10, Pages: 2625-2632, Published: OCT 2018, ISSN: 0034-7752, WOS:000451925300006, FI₂₀₁₉=1.755

(Ris)15. Tihan, GT (Tihan, Gratiela Teodora); Zgarian, RG (Zgarian, Roxana Gabriela); Berteanu, E (Berteanu, Elena); Ionita, D (Ionita, Daniela); Totea, G (Totea, Georgeta); Iordachel, C (Iordachel, Catalin); Tatia, R (Tatia, Rodica); **Prodana, M (Prodana, Mariana)**; Demetrescu, I (Demetrescu, Ioana), Alkaline Phosphatase Immobilization on New Chitosan Membranes with Mg²⁺ for Biomedical Applications, MARINE DRUGS, Volume: 16 Issue: 8, Article Number: 287, DOI: 10.3390/md16080287, Published: AUG 2018, ISSN: 1660-3397, WOS:000442868200014, FI₂₀₂₁=6.085

(Ris)16. Ionita, D (Ionita, Daniela), Necula, L (Necula, Luiza, **Prodana, M** (Prodana, Mariana), Totea, G (Totea, Georgeta), Demetrescu, I (Demetrescu, Ioana), Corrosion of an Active Antibacterial Nanostructured Coating on Titanium, REVISTA DE CHIMIE, Volume: 69 Issue: 5 Pages: 1115-1121, Published: MAY 2018, ISSN: 0034-7752, WOS:000434954100016, FI₂₀₁₉=1.755

(Ris)17. Stoian, AB (Stoian, Andrei Bogdan, Vardaki, M (Vardaki, Maria), Ionita, D (Ionita, Daniela), Enachescu, M (Enachescu, Marius), **Prodana, M** (Prodana, Mariana), Brancoveanu, O (Brancoveanu, Oana), Demetrescu, I (Demetrescu, Ioana), Nanopores and nanotubes ceramic oxides elaborated on titanium alloy with zirconium by changing anodization potentials, CERAMICS INTERNATIONAL, Volume: 44 Issue: 6 Pages: 7026-7033, DOI: 10.1016/j.ceramint.2018.01.137, Published: APR 2018, ISSN: 0272-8842, WOS:000427215100164, FI₂₀₂₁=5.532

(Ris)18. Buica, G.-O.; Lazar, I.G.; Birzan, L ; Lete, C; **Prodana, M**; Enachescu, M; Tecuceanu, V; Stoian, AB; Ungureanu, E.-M., Azulene-ethylenediaminetetraacetic acid: A versatile molecule for colorimetric and electrochemical sensors for metal ions, Electrochimica Acta 263, 2018, 382-390, DOI:10.1016/j.electacta.2018.01.059, WOS:000424643900045, ISSN:0013-4686], FI₂₀₂₁=7.336

(Ris)19. Sun, JH (Sun, Jinhua), Klechikov, A (Klechikov, Alexey), Moise, C (Moise, Calin), **Prodana, M** (Prodana, Mariana), Enachescu, M (Enachescu, Marius), Talyzin, AV (Talyzin, Alexandr V.), A Molecular Pillar Approach To Grow Vertical Covalent Organic Framework Nanosheets on Graphene: Hybrid Materials for Energy Storage, ANGEWANDTE CHEMIE-INTERNATIONAL EDITION, Volume: 57 Issue: 4 Pages: 1034-1038, DOI: 10.1002/anie.201710502, Published: JAN 22 2018, ISSN: 1433-7851, WOS:000428208700030, FI₂₀₂₁=16.823

(Ris)20. Laikhtman, A., Makrinich, G. Sezen, M., Yildizhan, M.M., Martinez, J.I., Dinescu, D., **Prodana, M.**, Enachescu, M., Alonso, J.A., Zak, A., Hydrogen Chemical Configuration and Thermal Stability in Tungsten Disulfide Nanoparticles Exposed to Hydrogen Plasma, JOURNAL OF PHYSICAL CHEMISTRY C, ISSN: 1932-7447, Volume: 121, Issue 21, Pages: 11747-11756 DOI: 10.1021/acs.jpcc.7b00074, Published: JUN 1 2017, WOS:000402775200084, FI₂₀₂₁=4.177

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Fabricated by Anodic Etching of Crystalline Substrates, JOURNAL OF THE ELECTROCHEMICAL SOCIETY, ISSN: 0013-4651, Volume: 164, Issue 4, Pages: D179-D183, DOI: 10.1149/2.1071704jes, Published: 2017, WOS:000400958600098, FI₂₀₂₁=4.386

(Ris)22. C. Vasilescu, P. Osiceanu, J.M.C. Calderon Moreno, S.I. Drob, S. Preda, M. Popa, I. Dan, M. Marcu, **M. Prodana**, I.A. Popovici, D. Ionita, E. Vasilescu, Microstructure, surface characterization and long-term stability of new quaternary Ti-Zr-Ta-Ag alloy for implant use, MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, ISSN 0928-4931, Volume: 71, Pages: 322-334, DOI: 10.1016/j.msec.2016.10.004, Published: FEB 1 2017, WOS:000390967200039, FI₂₀₂₁=7.328

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(Ris)24. M. Balas, S. Constanda, A. Duma-Voiculescu, **M. Prodana**, A. Hermenean, S. Pop, I. Demetrescu, A. Dinischiotu, Fabrication and toxicity characterization of a hybrid material based on oxidized and aminated MWCNT loaded with carboplatin, TOXICOLOGY IN VITRO, ISSN 0887-2333, Volume: 37, Pages: 189-200, DOI: 10.1016/j.tiv.2016.09.011, Published: DEC 2016, WOS:000387198300022, FI₂₀₂₁=3.685

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(Ris)27. L. Prioteasa, **M. Prodana**, M. Buzoianu, ICP-MS Determination of Some Metals and Metalloids Concentrations in Soil from Agricultural and Inhabited Areas of Romania, REVISTA DE CHIMIE, ISSN 0034-7752, Volume: 67, Issue: 7, Pages: 1314-1317, Published: JUL 2016, WOS: 000385513000016, FI₂₀₁₉=1.755

(Ris)28. Ionita Daniela, Georgescu Daniela Bajenaru, **Prodana Mariana**, Electrochemical and Antibacterial Properties of an Electrodeposited Hydroxiapatite Bionic Film on Titanium, REVISTA DE CHIMIE, ISSN 0034-7752, Volume: 67, Issue: 2, Pages: 297-301, Published: FEB 2016, WOS:000372170700020, FI₂₀₁₉=1.755

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(Ris)30. Romonti Daniela Covaciu, Voicu Georgeta, **Prodana Mariana**, Electrochemical Behavior of Coated and Uncoated Nonprecious CoCr and NiCr Alloys in Artificial and Natural Saliva, INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE, ISSN 1452-3981, Volume: 10, Issue: 9, Pages: 6935-6945, Published: SEP 2015, WOS:000365101700006, FI₂₀₂₁=1.541

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(Ris)35. Ciobotaru C. C., Damian C. M., Polosan S., **Prodana Mariana**, Iovu Horia, Drug delivery study of single-wall carbon nanotubes covalent functionalized with cisplatin, DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES, ISSN 1842 – 3582, Volume : 9, Issue : 2, pages 859 – 868, Published: APR-JUN 2014, WOS : 000339050700041, FI₂₀₂₁=0.899

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(Ris)37. **Prodana Mariana**, Voiculet Adriana, Bojin Dionezie, Ionita Daniela, Nanocomposites based on carbon nanotubes functionalized with drug molecules, REVISTA DE CHIMIE, ISSN 0034-7752, Volume 64, Issue 8, pages. 844-847, Published: AUG 2013, WOS : 000330329400011, FI₂₀₁₉=1.755

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(Ris)40. Ionita Daniela, **Prodana Mariana**, Demetrescu Ioana, Stanciu S. George, Stanciu G. A., Electrochemical stability and surface analysis in evaluation fluoride effect on new bioalloy Ti7Al3V2Mo2Fe used in dentistry, MATERIALS AND CORROSION, ISSN (Print) 0947-5117 - ISSN (Online) 1521-4176, Volume 62, Issue 12, pages 1111-1116, Published DEC 2011, DOI: 10.1002/maco.201005661, WOS: 000298064000004, FI₂₀₂₁=1.832

(Ris)41. Ioniță Daniela, **Prodana Mariana**, Vasilescu Rodica, Drob Paula, BSA/HA coating on titanium alloy in order to activate direct bond formation at the implant surface, MOLECULAR CRYSTALS AND LIQUID CRYSTALS, ISSN 1542-1406, Volume 522: pages 157–161, Published 2010, WOS: 000278163300028, FI₂₀₂₁=0.672

(Ris)42 Demetrescu Ioana, Luca Rodica, Ioniță Daniela, **Prodana Mariana**, Evaluation of Heavy Metals of Temporary Teeth From Areas with Different Pollution Level, MOLECULAR CRYSTALS AND LIQUID CRYSTALS, ISSN 1542-1406, Volume 522: pages 233–241, Published 2010, WOS: 000278163400006, FI₂₀₂₁= 0.672

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(Ris)44. **Prodana Mariana**, Bojin Dionezie, Ioniță Daniela, Popa Mihai, Vasilescu Ecaterina, Drob Paula, Biomimetic hybride ionorganic/organic coatings in the increasing of the integration capacity of TiAlVZr bioalloy, MOLECULAR CRYSTALS AND LIQUID CRYSTALS, ISSN 1542-1406, Volume 486, pages 133-139, Published 2008, WOS: 000256186000013, FI₂₀₂₁= 0.672

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(Ris)47. **Prodana Mariana**, Luca Rodica, Miculescu Florin, Bojin Dionezie, A new approach in evaluation surface properties of natural temporary teeth from high polluted area, KEY ENGINEERING MATERIALS, ISSN 1013-9826, Volume 415, pages 21-24, Published 2009, WOS: 000278916000006

(Ris)48. Ioniță Daniela, **Prodana Mariana**, Caposi Madalina, Modification of passive layer on TiNbZrTa alloy in simulated body fluid (SBF) at various pH, KEY ENGINEERING MATERIALS, ISSN 1013-9826, Volume 415, pages 17-20, Published 2009, WOS: 000278916000005

(Ris)49. Ioniță Daniela, Ciohodaru Lucia, **Prodana Mariana**, Demetrescu Ioana, Metallic Ion Release from Titanium Alloy and Stainless Steel Coated With Electrolytic Calcium Phosphate (HA), KEY

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(Ris)50. Badea Nicoleta, Tite Teddy, **Prodana Mariana**, Câmpean Anisoara, Demetrescu Ioana, The Behavior of SiC Films Fabricated by Hybrid Laser- Magnetron Deposition after Immersion, KEY ENGINEERING MATERIALS, ISSN 1013-9826, Volume 330-332, pages 537-540, Published 2007, WOS: 000245026800132

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(Rio)1. Prioteasa Larisa, **Prodana Mariana**, Buzoianu Mirela, Neagu Liliana, Physicochemical and Microbiological Analysis of Still And Carbonated Mineral Waters from Romania, PARIPEX - INDIAN JOURNAL OF RESEARCH, ISSN 2250 – 1991, Volume 4, Issue 4, pages 4-6, Published APR 2015.

(Rio)2. **Prodana Mariana**, Meghea Aurelia, Stanciu George, Hristu Radu, Demetrescu Ioana, Aspects of correlation between the surface analysis and heavy metal content in temporary teeth from areas with various pollution levels of Romania, International Journal of Environmental Science and Development (IJESD), ISSN 2010-0264, Volume 1. Pages 47-52, Published 2010.

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