
Universitatea Națională de Știință și Tehnologie POLITEHNICA București
Facultatea: **de Inginerie Chimică și Biotehnologii**
Departamentul: **Știința și Ingineria Materialelor Oxidice și Nanomaterialelor**
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Gradul didactic: Conferențiar

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

1. **Nicoara, A.I.**, *Materiale activate alcalin cu proprietăți intumescente/ Alkali activated binder materials with intumescent properties*, Universitatea Politehnica din București, București, **2019**, coordonator științific Prof.dr.ing Alina Ioana Bădănoiu, **ordin 5345/25.11.2019**

B. Cărți și capitole în cărți publicate în ultimii 10 ani

1. Neacșu, I.A., **Nicoară, A.I.**, Vasile, O.R., Vasile, B.S., “*Inorganic micro- and nanostructured implants for tissue engineering*”, Nanobiomaterials in Hard Tissue Engineering: Applications of Nanobiomaterials, February 25, **2016**, Pages 271-295; DOI: 10.1016/B978-0-323-42862-0.00009-2, **ISBN:978-0-323-42885-9; 978-0-323-42862-0, WOS:000473299500011**

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

1. Rehner, AMG; Tudorache, DI; Birca, AC; Nicoara, AI; Niculescu, AG; Holban, AM; Hudita, A; Biclesanu, FC; Balaure, PC; Pangica, AM; Grumezescu, AM; Croitoru, GA, *Antibacterial Properties of PMMA/ZnO(NanoAg) Coatings for Dental Implant Abutments Materials*, 2025, 18 (2), <https://doi.org/10.3390/ma18020382>, Article Number 382, eISSN 1996-1944, **FI= 3.1 (Q1), WOS: 001404374400001**.
2. Oprea, M; Pandele, AM; Nechifor, AC; Nicoara, AI; Antoniac, IV; Semenescu, A; Voicu, SI; Enachescu, CI; Fratila, AM, *Improved Biomineralization Using Cellulose Acetate/Magnetic Nanoparticles Composite Membranes*, *Polymers*, **2025**, 17 (2), <https://doi.org/10.3390/polym17020209>, Article Number 209, eISSN 2073-4360, **FI= 4,7 (Q1), WOS: 001403857600001**.
3. Petriceanu, M; Ionita, FG; Piticescu, RR; Nicoara, AI; Matei, AC; Iota, MA; Tudor, IA; Caramarin, S; Ciobota, CF, *Effect of Doping ZrO2 on Structural and Thermal Properties*, *INORGANICS*, 2024, 12 (11), <https://doi.org/10.3390/inorganics12110290>, Article Number 290, eISSN 2304-6740, **FI= 3,1 (Q2), WOS: 001367983400001**.
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 7. Ilie, CI; Spoiala, A; Chircov, C; Dolete, G; Oprea, OC; Vasile, BS; Crainiceanu, SA; Nicoara, AI; Marinas, IC; Stan, MS; Ditu, LM; Ficai, A; Oprea, E, *Antioxidant, Antitumoral, Antimicrobial, and Prebiotic Activity of Magnetite Nanoparticles Loaded with Bee Pollen/Bee Bread Extracts and 5-Fluorouracil*, *Antioxidants*, **2024**, 13 (8), <https://doi.org/10.3390/antiox13080895>, Article Number 895, eISSN 2076-3921, **FI= 6 (Q1), WOS: 001305531200001**.
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D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)

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7. Adrian Ionuț Nicoară, Alexandra Elena Stoica, Mirijam Vrabc, Nastja Šmuc Rogan, Saso Sturm, Cleva Ow-Yang, Mehmet Ali Gulgun, Zeynep Basaran Bundur, Ion Ciuca, Bogdan Ștefan Vasile, “End-of-life materials applied in concrete industry, 3 Rd International

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E. Brevete obținute în întreaga activitate

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2. **Adrian Ionuț Nicoară**, Alina Bădănoiu, "Procedeu de obținere a unor materiale pe bază de sticlă activată alcalin cu proprietăți intumescențe" **Cerere brevet OSIM nr. A/00463 din 02 septembrie 2022**
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