A N E X A 5 F V

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Facultatea de Inginerie Chimica si Biotehnologii
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L I S T A
lucrărilor ştiinţifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

A.M. Pandele, Biomateriale pe baza de polimeri sintetici si naturali, conducator stiintific prof. dr. ing. Horia Iovu, Univeristatea Politehnica din Bucuresti; sustinere publica a tezei in data de 17.04.2014, titlu de doctor obtinut in baza Ordinului Ministrului Educatiei, Cercetarii si Tineretului nr. 377 din data de 15.07.2014

B. Cărţi si capitole în cărţi publicate în ultimii 10 ani

1. A.M. Pandele, C. Tuncel, S.I. Voicu, Polymeric Composite Membranes Enabled by Carbon Nanotubes and Graphene for Water Purification, Materials Science and Technology, pp. 1-18, 2019, Editor Wiley-VCH Verlag GmbH & Co. KgaA

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

1. Andra Mihaela Onaş, Andreea Mădălina Pandele, Anamaria Hanganu, Ciprian Victor Florea, George Marton, Horia Iovu, Matei D Raicopol, Luisa Pilan, Controlled surface functionalization using aryldiazonium salts with bulky protecting groups for the development of DNA-based sensing platforms, Surfaces and Interfaces, 2024, 46, 103855

2. Alina-Giorgiana Brotea, Ovidiu-Teodor Matica, Cornelia Musina, Andreea Madalina Pandele, Roxana Trusca, Eleonora-Mihaela Ungureanu, Chemically Modified Electrodes Based on 4-((5-Isopropyl-3, 8-Dimethylazulen-1-yl) Methylene)-2-Phenyloxazol-5 (4H)-One, Symmetry, 2024, 16(2), 245

3. Aura-Cătălina Mocanu, Florin Miculescu, Andreea Elena Constantinescu, Mădălina-Andreea Pandele, Ștefan Ioan Voicu, Anișoara Cîmpean, Marian Miculescu, Andreea Mariana Negrescu, Selection Route of Precursor Materials in 3D Printing Composite Filament Development for Biomedical Applications, Materials, 2023, 16(6), 2359

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6. Elena-Ruxandra Radu, Andreea Madalina Pandele, Cristina Tuncel, Florin Miculescu, Stefan Ioan Voicu, Preparation and characterization of chitosan/LDH composite membranes for drug delivery application, Membranes, 2023, 13(2) 179
7. Andreea M Pandele, Aida Selaru, Sorina Dinescu, Marieta Costache, Eugeniu Vasile, Constanţa Dascălu, Matei D Raicopol, Mircea Teodorescu, Synthesis and evaluation of poly (propylene fumarate)-grafted graphene oxide as nanofiller for porous scaffolds, Journal of Materials Chemistry B, 2023, 11(34), 8241-8250
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9. Elena-Ruxandra Radu, Cristina Stavarache, Andreea Madalina Pandele, Stefan Ioan Voicu, Functionalized B-Cyclodextrin for Smart Drug Delivery Application, Chemistry Proceedings, 2022, 7(1) 67
10. Stefan Ioan Voicu Andreea Madalina Pandele, Madalina Oprea, Andreea Aura Dutu, Florin Miculescu, A Novel Generation of Polysulfone/Crown Ether-Functionalized Reduced Graphene Oxide Membranes with Potential Applications in Hemodialysis, Polymers, 2022, 14(1) 148
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E. Brevete obţinute în întreaga activitate

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Data: **Semnătura:**