

# Marius Enachescu

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

611  
citations

687220

13  
h-index

677027

22  
g-index

47  
all docs

47  
docs citations

47  
times ranked

791  
citing authors

#	ARTICLE	IF	CITATIONS
1	Eco-friendly preparation of electrically conductive chitosan - reduced graphene oxide flexible bionanocomposites for food packaging and biological applications. <i>Composites Science and Technology</i> , 2019, 173, 53-60.	3.8	90
2	VCAM-1 directed target-sensitive liposomes carrying CCR2 antagonists bind to activated endothelium and reduce adhesion and transmigration of monocytes. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 89, 18-29.	2.0	47
3	Eighteen Months Follow-Up with Patient-Centered Outcomes Assessment of Complete Dentures Manufactured Using a Hybrid Nanocomposite and Additive CAD/CAM Protocol. <i>Journal of Clinical Medicine</i> , 2020, 9, 324.	1.0	40
4	Ni-Mo alloy nanostructures as cathodic materials for hydrogen evolution reaction during seawater electrolysis. <i>Chemical Papers</i> , 2018, 72, 1889-1903.	1.0	32
5	Low cost iodine doped graphene for fuel cell electrodes. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 26877-26888.	3.8	31
6	Collagen-Polyvinyl Alcohol-Indomethacin Biohybrid Matrices as Wound Dressings. <i>Pharmaceutics</i> , 2018, 10, 224.	2.0	25
7	Electrodeposition of Co and Co composites with carbon nanotubes using choline chloride-based ionic liquids. <i>Surface and Coatings Technology</i> , 2017, 324, 451-462.	2.2	22
8	Azulene-ethylenediaminetetraacetic acid: A versatile molecule for colorimetric and electrochemical sensors for metal ions. <i>Electrochimica Acta</i> , 2018, 263, 382-390.	2.6	22
9	Nanopores and nanotubes ceramic oxides elaborated on titanium alloy with zirconium by changing anodization potentials. <i>Ceramics International</i> , 2018, 44, 7026-7033.	2.3	21
10	Characterization and electrochemical studies of MWCNTs decorated with Ag nanoparticles through pulse reversed current electrodeposition using a deep eutectic solvent for energy storage applications. <i>Journal of Materials Research and Technology</i> , 2021, 15, 342-359.	2.6	20
11	New sensor based on membranes with magnetic nano-inclusions for early diagnosis in periodontal disease. <i>Biosensors and Bioelectronics</i> , 2018, 102, 336-344.	5.3	17
12	Reduced Graphene Oxide Decorated with Dispersed Gold Nanoparticles: Preparation, Characterization and Electrochemical Evaluation for Oxygen Reduction Reaction. <i>Energies</i> , 2020, 13, 4307.	1.6	16
13	Liquid Flow Meter by Fiber-Optic Sensing of Heat Propagation. <i>Sensors</i> , 2021, 21, 355.	2.1	15
14	Electrodeposition of NiSn-rGO Composite Coatings from Deep Eutectic Solvents and Their Physicochemical Characterization. <i>Metals</i> , 2020, 10, 1455.	1.0	14
15	The "first and euRopEAn siC eighT Inches pilOt liNe": a project, called REACTION, that will boost key SiC Technologies upgrading (developments) in Europe, unleashing Applications in the Automotive Power Electronics Sector. , 2020, , .		14
16	Electrodeposition of ternary Sn-Cu-Ni alloys as lead-free solders using deep eutectic solvents. <i>Electrochimica Acta</i> , 2021, 398, 139339.	2.6	12
17	Comparative Study of Ni-Sn Alloys Electrodeposited from Choline Chloride-Based Ionic Liquids in Direct and Pulsed Current. <i>Coatings</i> , 2019, 9, 801.	1.2	11
18	Editorial: Nanotechnologies in Neuroscience and Neuroengineering. <i>Frontiers in Neuroscience</i> , 2020, 14, 33.	1.4	11

#	ARTICLE	IF	CITATIONS
19	The Water-Based Synthesis of Platinum Nanoparticles Using KrF Excimer Laser Ablation. <i>Nanomaterials</i> , 2022, 12, 348.	1.9	10
20	Post treatments effect on TiZr nanostructures fabricated via anodizing. <i>Journal of Materials Research and Technology</i> , 2019, 8, 5802-5812.	2.6	9
21	Understanding surface and interface properties of modified Ti50Zr with nanotubes. <i>Applied Surface Science</i> , 2020, 506, 144661.	3.1	9
22	Interaction of Mg Alloy with PLA Electrospun Nanofibers Coating in Understanding Changes of Corrosion, Wettability, and pH. <i>Nanomaterials</i> , 2022, 12, 1369.	1.9	9
23	Eco-Friendly Push-Coated Polymer Solar Cells with No Active Material Wastes Yield Power Conversion Efficiencies over 5.5%. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 10785-10793.	4.0	8
24	Characterization of Carbon Nanomaterials Dispersions: Can Metal Decoration of MWCNTs Improve Their Physicochemical Properties?. <i>Nanomaterials</i> , 2022, 12, 99.	1.9	8
25	Electrodeposition of Sn and Sn Composites with Carbon Materials Using Choline Chloride-Based Ionic Liquids. <i>Coatings</i> , 2019, 9, 798.	1.2	7
26	Nanomechanical properties of zirconium anodized in a mixture of electrolytes with fluoride ions. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 112, 104084.	1.5	7
27	Assessing the Functional Properties of TiZr Nanotubular Structures for Biomedical Applications, through Nano-Scratch Tests and Adhesion Force Maps. <i>Molecules</i> , 2021, 26, 900.	1.7	7
28	Hydrogen Chemical Configuration and Thermal Stability in Tungsten Disulfide Nanoparticles Exposed to Hydrogen Plasma. <i>Journal of Physical Chemistry C</i> , 2017, 121, 11747-11756.	1.5	6
29	Polyazulene-Based Materials for Heavy Metal Ion Detection. 2. (E)-5-(azulen-1-yl diazenyl)-1H-Tetrazole-Modified Electrodes for Heavy Metal Sensing. <i>Coatings</i> , 2020, 10, 869.	1.2	6
30	Electrochemical Non-Enzymatic Detection of Glucose Based on 3D Electroformed Copper on Ni Foam Nanostructures. <i>Materials</i> , 2020, 13, 2752.	1.3	6
31	Simulations of the Ultra-Fast Kinetics in Ni-Si-C Ternary Systems under Laser Irradiation. <i>Materials</i> , 2021, 14, 4769.	1.3	6
32	Synthesis and Characterization of Ti-Ta-Shape Memory Surface Alloys Formed by the Electron-Beam Additive Technique. <i>Coatings</i> , 2022, 12, 678.	1.2	6
33	Band tail state related photoluminescence and photoresponse of ZnMgO solid solution nanostructured films. <i>Beilstein Journal of Nanotechnology</i> , 2020, 11, 899-910.	1.5	5
34	Joining Caffeic Acid and Hydrothermal Treatment to Produce Environmentally Benign Highly Reduced Graphene Oxide. <i>Nanomaterials</i> , 2021, 11, 732.	1.9	5
35	AFM and SEM Characterization of Chemically Modified Electrodes Based on 5-[(azulen-1-yl)methylene]-2-thioxothiazolidin-4-one. <i>Revista De Chimie (discontinued)</i> , 2018, 68, 2799-2803.	0.2	5
36	Mass Flow Monitoring by Distributed Fiber Optical Temperature Sensing. <i>Sensors</i> , 2019, 19, 4151.	2.1	4

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37	Preliminary Study on Light-Activated Antimicrobial Agents as Photocatalytic Method for Protection of Surfaces with Increased Risk of Infections. <i>Materials</i> , 2021, 14, 5307.	1.3	4
38	Krypton Gas for High Quality Single Wall Carbon Nanotubes Synthesis by KrF Excimer Laser Ablation. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-7.	1.5	3
39	Swelling-Based Distributed Chemical Sensing with Standard Acrylate Coated Optical Fibers. <i>Sensors</i> , 2021, 21, 718.	2.1	3
40	Pulsed Laser Deposition of SWCNTs on Carbon Fibres: Effect of Deposition Temperature. <i>Polymers</i> , 2021, 13, 1138.	2.0	3
41	Polyazulene-Based Materials for Heavy Metal Ion Detection. 3. (E)-5-((6-t-Butyl-4,8-dimethylazulen-1-yl)) Tj ETQq1 1,0,784314 rgBT /Ove 1.1	1.1	3
42	Structural Investigations on Poly(methyl methacrylate) Various Composites Used for Stereolithographic Complete Dentures. <i>Materiale Plastice</i> , 2018, 55, 616-619.	0.4	3
43	Surface Characterization of New Azulene-Based CMEs for Sensing. <i>Symmetry</i> , 2021, 13, 2292.	1.1	3
44	Fabrication of Optical Fibers with Multiple Coatings for Swelling-Based Chemical Sensing. <i>Micromachines</i> , 2021, 12, 941.	1.4	2
45	Swelling-Based Chemical Sensing With Unmodified Optical Fibers. <i>Photonic Sensors</i> , 2022, 12, 99-104.	2.5	2
46	High-Order Polynomial Fitting Assistance for Fast Double-Peak Finding in Brillouin-Distributed Sensing. <i>Sensors</i> , 2021, 21, 187.	2.1	1
47	Surface Topography of Si/TiO <sub>2</sub> Stacked Layers on Silicon Substrate Deposited by KrF Excimer Laser Ablation. <i>Coatings</i> , 2021, 11, 1350.	1.2	1