

Stefan M Iordache

List of Publications by Year in descending order

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papers

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687363

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citing authors

#	ARTICLE	IF	CITATIONS
1	Morphic transitions of nanocarbons via laser pyrolysis of polyimide films. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 121, 275-286.	5.5	64
2	Eco-designed biohybrids based on liposomes, mintâ€“nanosilver and carbon nanotubes for antioxidant and antimicrobial coating. <i>Materials Science and Engineering C</i> , 2014, 39, 177-185.	7.3	43
3	Antioxidant Properties of Biohybrids Based on Liposomes and Sage Silver Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 2051-2060.	0.9	27
4	3D hybrid structures based on biomimetic membranes and <i>Caryophyllus aromaticus</i> - â€œgreenâ€“ synthesized nano-silver with improved bioperformances. <i>Materials Science and Engineering C</i> , 2019, 101, 120-137.	7.3	26
5	MAPLE deposition of Mn(III) metalloporphyrin thin films: Structural, topographical and electrochemical investigations. <i>Applied Surface Science</i> , 2011, 257, 5293-5297.	6.1	18
6	Green silver nanobioarchitectures with amplified antioxidant and antimicrobial properties. <i>Journal of Materials Chemistry B</i> , 2014, 2, 3221-3231.	5.8	18
7	Pd-decorated CNT as sensitive material for applications in hydrogen isotopes sensing - Application as gas sensor. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 11015-11024.	7.1	18
8	Functional porphyrin thin films deposited by matrix assisted pulsed laser evaporation. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010, 169, 106-110.	3.5	17
9	Functionalized porphyrin conjugate thin films deposited by matrix assisted pulsed laser evaporation. <i>Applied Surface Science</i> , 2013, 278, 207-210.	6.1	17
10	Nanobioarchitectures based on chlorophyll photopigment, artificial lipid bilayers and carbon nanotubes. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 2316-2325.	2.8	16
11	Carbon xerogel as gas diffusion layer in PEM fuel cells. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 10448-10454.	7.1	16
12	A New Zinc Phosphate-Tellurite Glass for Magneto-Optical Applications. <i>Nanomaterials</i> , 2020, 10, 1875.	4.1	16
13	Peculiarities of the structural and optical properties of rare-earth-doped phosphate glasses for temperature sensing applications. <i>Journal of Non-Crystalline Solids</i> , 2021, 556, 120569.	3.1	13
14	Histamine detection using functionalized porphyrin as electrochemical mediator. <i>Comptes Rendus Chimie</i> , 2018, 21, 270-276.	0.5	11
15	Raman Spectroscopy: In Vivo Application for Bone Evaluation in Oral Reconstructive (Regenerative) Surgery. <i>Diagnostics</i> , 2022, 12, 723.	2.6	9
16	Ecobiophysical Aspects on Nanosilver Biogenerated from <i>Citrus reticulata</i> Peels, as Potential Biopesticide for Controlling Pathogens and Wetland Plants in Aquatic Media. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-12.	2.7	8
17	Graphene Oxide-Based Silico-Phosphate Composite Films for Optical Limiting of Ultrashort Near-Infrared Laser Pulses. <i>Nanomaterials</i> , 2020, 10, 1638.	4.1	8
18	Recovering Hydrogen Sulfide from Sulfurous Waters with PEM Fuel Cells. <i>Energy Procedia</i> , 2016, 85, 273-278.	1.8	7

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19	Synthesis and characterization of a titanium phosphate-tellurite glass for Faraday rotators. Journal of the American Ceramic Society, 2020, 103, 3978-3990.	3.8	6
20	Pulsed Laser Deposition Films Based on CdSe-Doped Zinc Aluminophosphate Glass. Jom, 2021, 73, 495-503.	1.9	5
21	Effect of UV irradiation on biomimetic membranes labelled with bioporphyrins. Molecular Crystals and Liquid Crystals, 2017, 655, 87-93.	0.9	2
22	Evaluation of the quality of local butters: A new approach based on Raman spectroscopy and supported by the classical pycnometer method. Food Science and Technology International, 2020, 26, 113-122.	2.2	2
23	ENVIRONMENTALLY FRIENDLY PHYTOSYNTHESIS OF SILVER-BASED MATERIALS USING Cornus mas L. FRUITS. Environmental Engineering and Management Journal, 2016, 15, 2085-2094.	0.6	2
24	Graphene layers used as cryogenic temperature sensor. , 2014, , .		1
25	Preparation and Study of Core Shell Fe ₃ O ₄ /Au Nanoparticles for Traceability of Blood Vessels and Biosensing by Surface Enhanced Raman Spectroscopy. , 2020, , .		1
26	Uterine Artery Embolization Combined with Subsequent Suction Evacuation as Low-Risk Treatment for Cesarean Scar Pregnancy. Diagnostics, 2021, 11, 2350.	2.6	1
27	Functionalized Carbon Nanotubes for Chemical Sensing: Electrochemical Detection of Hydrogen Isotopes. Coatings, 2021, 11, 968.	2.6	0
28	Investigations Regarding the Addition of ZnO and Li ₂ O-TiO ₂ to Phosphate-Tellurite Glasses: Structural, Chemical, and Mechanical Properties. Materials, 2022, 15, 1644.	2.9	0