

Stefan M Iordache

List of Publications by Year in descending order

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papers

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docs citations

29
times ranked

529
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphic transitions of nanocarbons via laser pyrolysis of polyimide films. Journal of Analytical and Applied Pyrolysis, 2016, 121, 275-286.	2.6	64
2	Eco-designed biohybrids based on liposomes, mintâ€™nanosilver and carbon nanotubes for antioxidant and antimicrobial coating. Materials Science and Engineering C, 2014, 39, 177-185.	3.8	43
3	Antioxidant Properties of Biohybrids Based on Liposomes and Sage Silver Nanoparticles. Journal of Nanoscience and Nanotechnology, 2013, 13, 2051-2060.	0.9	27
4	3D hybrid structures based on biomimetic membranes and Caryophyllus aromaticus - â€™greenâ€™ synthesized nano-silver with improved bioperformances. Materials Science and Engineering C, 2019, 101, 120-137.	3.8	26
5	MAPLE deposition of Mn(III) metalloporphyrin thin films: Structural, topographical and electrochemical investigations. Applied Surface Science, 2011, 257, 5293-5297.	3.1	18
6	Green silver nanobioarchitectures with amplified antioxidant and antimicrobial properties. Journal of Materials Chemistry B, 2014, 2, 3221-3231.	2.9	18
7	Pd-decorated CNT as sensitive material for applications in hydrogen isotopes sensing - Application as gas sensor. International Journal of Hydrogen Energy, 2021, 46, 11015-11024.	3.8	18
8	Functional porphyrin thin films deposited by matrix assisted pulsed laser evaporation. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 169, 106-110.	1.7	17
9	Functionalized porphyrin conjugate thin films deposited by matrix assisted pulsed laser evaporation. Applied Surface Science, 2013, 278, 207-210.	3.1	17
10	Nanobioarchitectures based on chlorophyll photopigment, artificial lipid bilayers and carbon nanotubes. Beilstein Journal of Nanotechnology, 2014, 5, 2316-2325.	1.5	16
11	Carbon xerogel as gas diffusion layer in PEM fuel cells. International Journal of Hydrogen Energy, 2017, 42, 10448-10454.	3.8	16
12	A New Zinc Phosphate-Tellurite Glass for Magneto-Optical Applications. Nanomaterials, 2020, 10, 1875.	1.9	16
13	Peculiarities of the structural and optical properties of rare-earth-doped phosphate glasses for temperature sensing applications. Journal of Non-Crystalline Solids, 2021, 556, 120569.	1.5	13
14	Histamine detection using functionalized porphyrin as electrochemical mediator. Comptes Rendus Chimie, 2018, 21, 270-276.	0.2	11
15	Raman Spectroscopy: In Vivo Application for Bone Evaluation in Oral Reconstructive (Regenerative) Surgery. Diagnostics, 2022, 12, 723.	1.3	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. Journal of Nanomaterials, 2017, 2017, 1-12.	1.5	8
17	Graphene Oxide-Based Silico-Phosphate Composite Films for Optical Limiting of Ultrashort Near-Infrared Laser Pulses. Nanomaterials, 2020, 10, 1638.	1.9	8
18	Recovering Hydrogen Sulfide from Sulfurous Waters with PEM Fuel Cells. Energy Procedia, 2016, 85, 273-278.	1.8	7

#	ARTICLE	IF	CITATIONS
19	Synthesis and characterization of a titanium phosphate-tellurite glass for Faraday rotators. Journal of the American Ceramic Society, 2020, 103, 3978-3990.	1.9	6
20	Pulsed Laser Deposition Films Based on CdSe-Doped Zinc Aluminophosphate Glass. Jom, 2021, 73, 495-503.	0.9	5
21	Effect of UV irradiation on biomimetic membranes labelled with bioporphyrins. Molecular Crystals and Liquid Crystals, 2017, 655, 87-93.	0.4	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.	1.1	2
23	ENVIRONMENTALLY FRIENDLY PHYTOSYNTHESIS OF SILVER-BASED MATERIALS USING Cornus mas L. FRUITS. Environmental Engineering and Management Journal, 2016, 15, 2085-2094.	0.2	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.	1.3	1
27	Functionalized Carbon Nanotubes for Chemical Sensing: Electrochemical Detection of Hydrogen Isotopes. Coatings, 2021, 11, 968.	1.2	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.	1.3	0