Stefan M Iordache

List of Publications by Year
in descending order

28 papers	372 citations	687363 13 h-index	794594 19 g-index
29 all docs	29 docs citations	29 times ranked	529 citing authors

#	Article	IF	Citations
1	Investigations Regarding the Addition of ZnO and Li2O-TiO2 to Phosphate-Tellurite Glasses: Structural, Chemical, and Mechanical Properties. Materials, 2022, 15, 1644.	2.9	0
2	Raman Spectroscopy: In Vivo Application for Bone Evaluation in Oral Reconstructive (Regenerative) Surgery. Diagnostics, 2022, 12, 723.	2.6	9
3	Pulsed Laser Deposition Films Based on CdSe-Doped Zinc Aluminophosphate Glass. Jom, 2021, 73, 495-503.	1.9	5
4	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.	3.1	13
5	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.	7.1	18
6	Functionalized Carbon Nanotubes for Chemical Sensing: Electrochemical Detection of Hydrogen Isotopes. Coatings, 2021, 11, 968.	2.6	0
7	Uterine Artery Embolization Combined with Subsequent Suction Evacuation as Low-Risk Treatment for Cesarean Scar Pregnancy. Diagnostics, 2021, 11, 2350.	2.6	1
8	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
9	Preparation and Study of Core Shell Fe3O4/Au Nanoparticles for Traceability of Blood Vessels and Biosensing by Surface Enhanced Raman Spectroscopy. , 2020, , .		1
10	A New Zinc Phosphate-Tellurite Glass for Magneto-Optical Applications. Nanomaterials, 2020, 10, 1875.	4.1	16
11	Graphene Oxide-Based Silico-Phosphate Composite Films for Optical Limiting of Ultrashort Near-Infrared Laser Pulses. Nanomaterials, 2020, 10, 1638.	4.1	8
12	Synthesis and characterization of a titanium phosphateâ€tellurite glass for Faraday rotators. Journal of the American Ceramic Society, 2020, 103, 3978-3990.	3.8	6
13	3D hybrid structures based on biomimetic membranes and Caryophyllus aromaticus - â€œgreenâ€• synthesized nano-silver with improved bioperformances. Materials Science and Engineering C, 2019, 101, 120-137.	7.3	26
14	Histamine detection using functionalized porphyrin as electrochemical mediator. Comptes Rendus Chimie, 2018, 21, 270-276.	0.5	11
15	Carbon xerogel as gas diffusion layer in PEM fuel cells. International Journal of Hydrogen Energy, 2017, 42, 10448-10454.	7.1	16
16	Effect of UV irradiation on biomimetic membranes labelled with bioporphyrins. Molecular Crystals and Liquid Crystals, 2017, 655, 87-93.	0.9	2
17	Ecobiophysical Aspects on Nanosilver Biogenerated fromCitrus reticulataPeels, as Potential Biopesticide for Controlling Pathogens and Wetland Plants in Aquatic Media. Journal of Nanomaterials, 2017, 2017, 1-12.	2.7	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	Morphic transitions of nanocarbons via laser pyrolysis of polyimide films. Journal of Analytical and Applied Pyrolysis, 2016, 121, 275-286.	5.5	64
20	ENVIRONMENTALLY FRIENDLY PHYTOSYNTHESIS OF SILVER-BASED MATERIALS USING Cornus mas L. FRUITS. Environmental Engineering and Management Journal, 2016, 15, 2085-2094.	0.6	2
21	Nanobioarchitectures based on chlorophyll photopigment, artificial lipid bilayers and carbon nanotubes. Beilstein Journal of Nanotechnology, 2014, 5, 2316-2325.	2.8	16
22	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.	7.3	43
23	Green silver nanobioarchitectures with amplified antioxidant and antimicrobial properties. Journal of Materials Chemistry B, 2014, 2, 3221-3231.	5.8	18
24	Graphene layers used as cryogenic temperature sensor. , 2014, , .		1
25	Functionalized porphyrin conjugate thin films deposited by matrix assisted pulsed laser evaporation. Applied Surface Science, 2013, 278, 207-210.	6.1	17
26	Antioxidant Properties of Biohybrids Based on Liposomes and Sage Silver Nanoparticles. Journal of Nanoscience and Nanotechnology, 2013, 13, 2051-2060.	0.9	27
27	MAPLE deposition of Mn(III) metalloporphyrin thin films: Structural, topographical and electrochemical investigations. Applied Surface Science, 2011, 257, 5293-5297.	6.1	18
28	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.	3.5	17