

Joseph Govan

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

966
citations

759233

12
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

1347
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in the Application of Magnetic Nanoparticles as a Support for Homogeneous Catalysts. <i>Nanomaterials</i> , 2014, 4, 222-241.	4.1	260
2	Intrinsic Chirality of CdSe/ZnS Quantum Dots and Quantum Rods. <i>Nano Letters</i> , 2015, 15, 2844-2851.	9.1	153
3	Preparation of chiral quantum dots. <i>Nature Protocols</i> , 2015, 10, 558-573.	12.0	109
4	The chiral nano-world: chiroptically active quantum nanostructures. <i>Nanoscale Horizons</i> , 2016, 1, 14-26.	8.0	99
5	Chiral luminescent CdS nano-tetrapods. <i>Chemical Communications</i> , 2010, 46, 6072.	4.1	97
6	Synthesis Characterization and Photocatalytic Studies of Cobalt Ferrite-Silica-Titania Nanocomposites. <i>Nanomaterials</i> , 2014, 4, 331-343.	4.1	47
7	Molecular Recognition of Biomolecules by Chiral CdSe Quantum Dots. <i>Scientific Reports</i> , 2016, 6, 24177.	3.3	46
8	Cu/Al and Cu/Cr based layered double hydroxide nanoparticles as adsorption materials for water treatment. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 59, 134-140.	5.8	36
9	Recent Advances in Magnetic Nanoparticles and Nanocomposites for the Remediation of Water Resources. <i>Magnetochemistry</i> , 2020, 6, 49.	2.4	26
10	Novel magnetic CoFe ₂ O ₄ /layered double hydroxide nanocomposites for recoverable anionic adsorbents for water treatment. <i>Applied Clay Science</i> , 2019, 183, 105350.	5.2	25
11	Penta-coordinated transition metal macrocycles as electrocatalysts for the oxygen reduction reaction. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 15-31.	2.5	22
12	Influence of cyano substituents on the electron density and catalytic activity towards the oxygen reduction reaction for iron phthalocyanine. The case for Fe(II) 2,3,9,10,16,17,23,24-octa(cyano)phthalocyanine. <i>Electrochemistry Communications</i> , 2020, 118, 106784.	4.7	20
13	Imogolite: a nanotubular aluminosilicate: synthesis, derivatives, analogues, and general and biological applications. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6779-6802.	5.9	12
14	Magnetically activated adhesives: towards on-demand magnetic triggering of selected polymerisation reactions. <i>Chemical Science</i> , 2017, 8, 7758-7764.	7.4	6
15	Oxygen reduction reaction on a 68-atom-gold cluster supported on carbon nanotubes: theoretical and experimental analysis. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7529-7539.	5.9	6
16	Chiral quantum dot based materials. <i>Proceedings of SPIE</i> , 2014, , .	0.8	1
17	The Development of a Model for Recommending the Application of Zinc Fertilizer in the Mediterranean Region of Central Chile. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 249-257.	3.4	1
18	Optically active quantum dots. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0