

Muhammad Raheel

List of Publications by Year in descending order

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14
papers

452
citations

840776

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1058476

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docs citations

14
times ranked

411
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled synthesis of Ag-doped CuO nanoparticles as a core with poly(acrylic acid) microgel shell for efficient removal of methylene blue under visible light. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 8423-8435.	2.2	80
2	Designing novel morphologies of L-cysteine surface capped 2D covellite (CuS) nanoplates to study the effect of CuS morphologies on dye degradation rate under visible light. <i>CrystEngComm</i> , 2020, 22, 4162-4173.	2.6	63
3	Shape and phase-controlled synthesis of specially designed 2D morphologies of L-cysteine surface capped covellite (CuS) and chalcocite (Cu ₂ S) with excellent photocatalytic properties in the visible spectrum. <i>Applied Surface Science</i> , 2020, 526, 146691.	6.1	59
4	Effect of temperature and reaction time on the morphology of L-cysteine surface capped chalcocite (Cu ₂ S) snowflakes dendrites nanoleaves and photodegradation study of methyl orange dye under visible light. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 601, 124984.	4.7	50
5	Designing of a spatially separated hetero-junction pseudobrookite (Fe ₂ TiO ₅ -TiO ₂) yolk-shell hollow spheres as efficient photocatalyst for water oxidation reaction. <i>Applied Catalysis B: Environmental</i> , 2017, 219, 30-35.	20.2	48
6	Modified QuEChERS extraction method followed by simultaneous quantitation of nine multi-class pesticides in human blood and urine by using GC-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1152, 122227.	2.3	37
7	The Effect of Ni-Doped ZnO NPs on the Antibacterial Activity and Degradation Rate of Polyacrylic Acid-Modified Starch Nanocomposite. <i>Jom</i> , 2021, 73, 380-386.	1.9	32
8	Adhesive properties of poly (methyl silsesquioxanes)/bio-based epoxy nanocomposites. <i>Iranian Polymer Journal (English Edition)</i> , 2020, 29, 911-918.	2.4	21
9	Synthesis and modification of silica based epoxy nanocomposites with different sol-gel process enhanced thermal and mechanical properties. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51191.	2.6	19
10	Thermodynamic Characteristics and Spectral-Luminescent Properties of N-m-Tolylbenzamide in Microheterogeneous Surfactant Self-Assemblies. <i>Journal of Solution Chemistry</i> , 2014, 43, 632-647.	1.2	15
11	Facile synthesis of novel fluorescent thiazole coumarinyl compounds: Electrochemical, time resolve fluorescence, and solvatochromic study. <i>Journal of Molecular Structure</i> , 2021, 1227, 129422.	3.6	11
12	Design and properties of polyvinylidene fluoride/poly(styrene-butadiene-styrene)/functionalized multi-walled carbon nanotube nanocomposite membranes. <i>Journal of Plastic Film and Sheeting</i> , 2015, 31, 118-143.	2.2	7
13	Thermodynamics of Surfactant Micellization in Presence of Benzamide Derivatives. <i>Journal of Dispersion Science and Technology</i> , 2011, 32, 507-511.	2.4	6
14	Hybrid material for the fabrication of electron transport layer in perovskite solar cell. <i>Polymer Bulletin</i> , 2022, 79, 8033-8055.	3.3	4