Iqbal Ahmed Siddiquey

List of Publications by Year
in descending order

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20 papers	666 citations	623734 14 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	1022 citing authors

#	Article	IF	Citations
1	P-doped TiO2-MWCNTs nanocomposite thin films with enhanced photocatalytic activity under visible light exposure. Cleaner Engineering and Technology, 2022, 6, 100364.	4.0	9
2	An Electrochemical Approach to As(V) Determination via an Interaction with Alizarin Red S in Aqueous Medium. Journal of Analytical Chemistry, 2021, 76, 1449-1454.	0.9	3
3	An experimental and theoretical study of the effect of Ce doping in ZnO/CNT composite thin film with enhanced visible light photo-catalysis. International Journal of Hydrogen Energy, 2019, 44, 20068-20078.	7.1	26
4	Fabrication of a 3,4â€Diaminotoluene Sensor Based on a TiO₂ â€Al₂O₃Nanocomposite Synthesized by a Fast and Facile Microwave Irradiation Method. ChemistrySelect, 2019, 4, 12592-12600.	1.5	13
5	Synthesis of Fe- or Ag-doped TiO2â€“MWCNT nanocomposite thin films and their visible-light-induced catalysis of dye degradation and antibacterial activity. Research on Chemical Intermediates, 2018, 44, 2667-2683.	2.7	47
6	A fast and facile microwave irradiation method for the synthesis of ZnO@ZrO2 core-shell nanocomposites and the investigation of their optical properties. Advanced Powder Technology, 2018, 29, 1804-1811.	4.1	19
7	Fabrication of hydrazine sensor based on silica-coated Fe2O3 magnetic nanoparticles prepared by a rapid microwave irradiation method. Journal of Alloys and Compounds, 2017, 698, 921-929.	5.5	37
8	Synthesis of ZnO Al2O3 core-shell nanocomposite materials by fast and facile microwave irradiation method and investigation of their optical properties. Advanced Powder Technology, 2017, 28, 2678-2686.	4.1	8
9	Microwave-assisted synthesis of Ce-doped ZnO/CNT composite with enhanced photo-catalytic activity. Ceramics International, 2017, 43, 84-91.	4.8	60
10	Surface Modification of the ZnO Nanoparticles with Î³-Aminopropyltriethoxysilane and Study of Their Photocatalytic Activity, Optical Properties and Antibacterial Activities. International Journal of Chemical Reactor Engineering, 2016, 14, 785-794.	1.1	21
11	Photocatalytic and antibacterial activity of B/N/Ag co-doped CNTâ€“TiO2 composite films. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2015, 82, 229-234.	1.6	20
12	A facile approach to fabrication of novel CeO2â€“TiO2 coreâ€“shell nanocomposite leads to excellent UV-shielding ability and lower catalytic activity. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	14
13	Sonochemical synthesis, photocatalytic activity and optical properties of silica coated ZnO nanoparticles. Ultrasonics Sonochemistry, 2012, 19, 750-755.	8.2	57
14	Silica Coating of Copper Nanoparticles by a Fast and Facile Microwave Method. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2011, 58, 591-597.	0.2	0
15	Rapid one-step synthesis, characterization and functionalization of silica coated gold nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 392, 137-144.	4.7	45
16	A rapid method for the preparation of silica-coated ZrO2 nanoparticles by microwave irradiation. Ceramics International, 2011, 37, 1755-1760.	4.8	28
17	Fast and facile synthesis of silica coated silver nanoparticles by microwave irradiation. Journal of Colloid and Interface Science, 2011, 355, 312-320.	9.4	88
18	Silica coating of CeO2 nanoparticles by a fast microwave irradiation method. Applied Surface Science, 2008, 255, 2419-2424.	6.1	35

#	Article	IF	Citations
19	Control of the photocatalytic activity of TiO2 nanoparticles by silica coating with polydiethoxysiloxane. Dyes and Pigments, 2008, 76, 754-759.	3.7	74
20	Microwave-assisted silica coating and photocatalytic activities of ZnO nanoparticles. Materials Research Bulletin, 2008, 43, 3416-3424.	5.2	62