

# 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	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
2	Control of the photocatalytic activity of TiO <sub>2</sub> nanoparticles by silica coating with polydiethoxysiloxane. Dyes and Pigments, 2008, 76, 754-759.	3.7	74
3	Microwave-assisted silica coating and photocatalytic activities of ZnO nanoparticles. Materials Research Bulletin, 2008, 43, 3416-3424.	5.2	62
4	Microwave-assisted synthesis of Ce-doped ZnO/CNT composite with enhanced photo-catalytic activity. Ceramics International, 2017, 43, 84-91.	4.8	60
5	Sonochemical synthesis, photocatalytic activity and optical properties of silica coated ZnO nanoparticles. Ultrasonics Sonochemistry, 2012, 19, 750-755.	8.2	57
6	Synthesis of Fe- or Ag-doped TiO <sub>2</sub> @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
7	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
8	Fabrication of hydrazine sensor based on silica-coated Fe <sub>2</sub> O <sub>3</sub> magnetic nanoparticles prepared by a rapid microwave irradiation method. Journal of Alloys and Compounds, 2017, 698, 921-929.	5.5	37
9	Silica coating of CeO <sub>2</sub> nanoparticles by a fast microwave irradiation method. Applied Surface Science, 2008, 255, 2419-2424.	6.1	35
10	A rapid method for the preparation of silica-coated ZrO <sub>2</sub> nanoparticles by microwave irradiation. Ceramics International, 2011, 37, 1755-1760.	4.8	28
11	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
12	Surface Modification of the ZnO Nanoparticles with Î <sup>3</sup> -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
13	Photocatalytic and antibacterial activity of B/N/Ag co-doped CNT@TiO <sub>2</sub> composite films. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2015, 82, 229-234.	1.6	20
14	A fast and facile microwave irradiation method for the synthesis of ZnO@ZrO <sub>2</sub> core-shell nanocomposites and the investigation of their optical properties. Advanced Powder Technology, 2018, 29, 1804-1811.	4.1	19
15	A facile approach to fabrication of novel CeO <sub>2</sub> @TiO <sub>2</sub> core@shell nanocomposite leads to excellent UV-shielding ability and lower catalytic activity. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	14
16	Fabrication of a 3,4-Î-Diaminotoluene Sensor Based on a TiO <sub>2</sub> @Al <sub>2</sub> O <sub>3</sub> Nanocomposite Synthesized by a Fast and Facile Microwave Irradiation Method. ChemistrySelect, 2019, 4, 12592-12600.	1.5	13
17	P-doped TiO <sub>2</sub> -MWCNTs nanocomposite thin films with enhanced photocatalytic activity under visible light exposure. Cleaner Engineering and Technology, 2022, 6, 100364.	4.0	9
18	Synthesis of ZnO Al <sub>2</sub> O <sub>3</sub> 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

#	ARTICLE	IF	CITATIONS
19	An Electrochemical Approach to As(V) Determination via an Interaction with Alizarin Red S in Aqueous Medium. <i>Journal of Analytical Chemistry</i> , 2021, 76, 1449-1454.	0.9	3
20	Silica Coating of Copper Nanoparticles by a Fast and Facile Microwave Method. <i>Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2011, 58, 591-597.	0.2	0