Naveed Akhter

List of Publications by Year
in descending order

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24	764	430874	610901
papers	citations	18	24
		h-index	g-index

25	25	25	686
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Visible light assisted photocatalytic degradation of crystal violet dye and electrochemical detection of ascorbic acid using a BiVO₄/FeVO₄ heterojunction composite. RSC Advances, 2018, 8, 23489-23498.	3.6	86
2	Solution growth of 1D zinc tungstate (ZnWO4) nanowires; design, morphology, and electrochemical sensor fabrication for selective detection of chloramphenicol. Journal of Hazardous Materials, 2019, 367, 205-214.	12.4	68
3	Hydrothermal fabrication of monoclinic bismuth vanadate (m-BiVO4) nanoparticles for photocatalytic degradation of toxic organic dyes. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2019, 242, 83-89.	3.5	61
4	Preparation and characterization of Vanadium pentoxide (V2O5) for photocatalytic degradation of monoazo and diazo dyes. Surfaces and Interfaces, 2020, 19, 100502.	3.0	60
5	Facile synthesis of Zinc vanadate Zn3(VO4)2 for highly efficient visible light assisted photocatalytic activity. Journal of Alloys and Compounds, 2019, 775, 281-289.	5.5	52
6	Synthesis of flake-like bismuth tungstate (Bi2WO6) for photocatalytic degradation of coomassie brilliant blue (CBB). Inorganic Chemistry Communication, 2017, 86, 213-217.	3.9	39
7	Sedimentation and stabilization of nano-fluids with dispersant. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 554, 86-92.	4.7	36
8	Synthesis of Zn₃(VO₄)₂/BiVO₄ heterojunction composite for the photocatalytic degradation of methylene blue organic dye and electrochemical detection of H₂O₂. RSC Advances, 2018, 8, 35403-35412.	3.6	34
9	Study of the interfacial charge transfer in bismuth vanadate/reduce graphene oxide (BiVO4/rGO) composite and evaluation of its photocatalytic activity. Research on Chemical Intermediates, 2020, 46, 1201-1215.	2.7	34
10	Facile hydrothermal synthesis of nickel tungstate (NiWO4) nanostructures with pronounced supercapacitor and electrochemical sensing activities. Journal of Alloys and Compounds, 2021, 878, 160314.	5.5	33
11	Visible light photocatalytic degradation of crystal violet dye and electrochemical detection of ascorbic acid & glucose using BaWO4 nanorods. Materials Research Bulletin, 2018, 104, 38-43.	5.2	32
12	Morphological effects on the photocatalytic performance of FeVO4 nanocomposite. Nano Structures Nano Objects, 2020, 22, 100431.	3.5	31
13	Photocatalytic Investigation of Cadmium Oxide Nanosheets Prepared by Hydrothermal Method. Arabian Journal for Science and Engineering, 2019, 44, 6669-6675.	3.0	28
14	Fast Surface Charge Transfer with Reduced Band Gap Energy of FeVO4/Graphene Nanocomposite and Study of Its Electrochemical Property and Enhanced Photocatalytic Activity. Arabian Journal for Science and Engineering, 2019, 44, 6659-6667.	3.0	21
15	Photocatalytic degradation performance of cadmium tungstate (CdWO4) nanosheets-assembly and their hydrogen storage features. Ceramics International, 2019, 45, 19015-19021.	4.8	20
16	Facile synthesis of Zn3(VO4)2/FeVO4 heterojunction and study on its photocatalytic and electrochemical properties. Applied Nanoscience (Switzerland), 2020, 10, 421-433.	3.1	20
17	Construction of 1T-MoS₂quantum dots-interspersed (Bi_{1â^'x}Fe_x)VO₄heterostructures for electron transport and photocatalytic properties. RSC Advances, 2021, 11, 13105-13118.	3.6	20
18	Generation of strong oxidizing radicals from plate-like morphology of BiVO4 for the fast degradation of crystal violet dye under visible light. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	19

#	Article	IF	Citations
19	Enhanced Electrochemical Performance of Hydrothermally Synthesized NiS/ZnS Composites as an Electrode for Super-Capacitors. Journal of Cluster Science, 2022, 33, 2325-2335.	3.3	16
20	Facile synthesis of Se/BiVO4 heterojunction composite and evaluation of synergetic reaction mechanism for efficient photocatalytic staining of organic dye pollutants in wastewater under visible light. Journal of Materials Science: Materials in Electronics, 2020, 31, 19599-19612.	2.2	13
21	Highâ€yield synthesis of pure ZnO nanoparticles by oneâ€step solidâ€state reaction approach for enhanced photocatalytic activity. Journal of the Chinese Chemical Society, 2020, 67, 1045-1053.	1.4	7
22	Lamellar shape lead tungstate (PbWO₄) nanostructures as synergistic catalyst for peroxidase mimetic activity. Materials Research Express, 2020, 7, 015520.	1.6	7
23	Biotransformation and toxicity evaluation of functionalized manganese doped iron oxide nanoparticles. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 1563-1577.	3.4	7
24	Tetracycline biomimetic imprinted beads cast as a label-free sensing constituent in different transduction systems. Applied Nanoscience (Switzerland), 0, , 1.	3.1	1