

Naveed Akhter

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

764
citations

430874

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610901

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docs citations

25
times ranked

686
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Electrochemical Performance of Hydrothermally Synthesized NiS/ZnS Composites as an Electrode for Super-Capacitors. <i>Journal of Cluster Science</i> , 2022, 33, 2325-2335.	3.3	16
2	Construction of 1T-MoS ₂ quantum dots-interspersed (Bi _{1-x} Fe _x)VO ₄ heterostructures for electron transport and photocatalytic properties. <i>RSC Advances</i> , 2021, 11, 13105-13118.	3.6	20
3	Biotransformation and toxicity evaluation of functionalized manganese doped iron oxide nanoparticles. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 1563-1577.	3.4	7
4	Facile hydrothermal synthesis of nickel tungstate (NiWO ₄) nanostructures with pronounced supercapacitor and electrochemical sensing activities. <i>Journal of Alloys and Compounds</i> , 2021, 878, 160314.	5.5	33
5	Study of the interfacial charge transfer in bismuth vanadate/reduce graphene oxide (BiVO ₄ /rGO) composite and evaluation of its photocatalytic activity. <i>Research on Chemical Intermediates</i> , 2020, 46, 1201-1215.	2.7	34
6	Facile synthesis of Zn ₃ (VO ₄) ₂ /FeVO ₄ heterojunction and study on its photocatalytic and electrochemical properties. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 421-433.	3.1	20
7	High-yield synthesis of pure ZnO nanoparticles by one-step solid-state reaction approach for enhanced photocatalytic activity. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 1045-1053.	1.4	7
8	Facile synthesis of Se/BiVO ₄ heterojunction composite and evaluation of synergetic reaction mechanism for efficient photocatalytic staining of organic dye pollutants in wastewater under visible light. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 19599-19612.	2.2	13
9	Morphological effects on the photocatalytic performance of FeVO ₄ nanocomposite. <i>Nano Structures Nano Objects</i> , 2020, 22, 100431.	3.5	31
10	Lamellar shape lead tungstate (PbWO ₄) nanostructures as synergistic catalyst for peroxidase mimetic activity. <i>Materials Research Express</i> , 2020, 7, 015520.	1.6	7
11	Preparation and characterization of Vanadium pentoxide (V ₂ O ₅) for photocatalytic degradation of monoazo and diazo dyes. <i>Surfaces and Interfaces</i> , 2020, 19, 100502.	3.0	60
12	Generation of strong oxidizing radicals from plate-like morphology of BiVO ₄ for the fast degradation of crystal violet dye under visible light. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	19
13	Photocatalytic Investigation of Cadmium Oxide Nanosheets Prepared by Hydrothermal Method. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 6669-6675.	3.0	28
14	Photocatalytic degradation performance of cadmium tungstate (CdWO ₄) nanosheets-assembly and their hydrogen storage features. <i>Ceramics International</i> , 2019, 45, 19015-19021.	4.8	20
15	Fast Surface Charge Transfer with Reduced Band Gap Energy of FeVO ₄ /Graphene Nanocomposite and Study of Its Electrochemical Property and Enhanced Photocatalytic Activity. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 6659-6667.	3.0	21
16	Hydrothermal fabrication of monoclinic bismuth vanadate (m-BiVO ₄) nanoparticles for photocatalytic degradation of toxic organic dyes. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019, 242, 83-89.	3.5	61
17	Solution growth of 1D zinc tungstate (ZnWO ₄) nanowires; design, morphology, and electrochemical sensor fabrication for selective detection of chloramphenicol. <i>Journal of Hazardous Materials</i> , 2019, 367, 205-214.	12.4	68
18	Facile synthesis of Zinc vanadate Zn ₃ (VO ₄) ₂ for highly efficient visible light assisted photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2019, 775, 281-289.	5.5	52

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19	Visible light photocatalytic degradation of crystal violet dye and electrochemical detection of ascorbic acid & glucose using BaWO ₄ nanorods. Materials Research Bulletin, 2018, 104, 38-43.	5.2	32
20	Synthesis of Zn ₃ (VO ₄) ₂ /BiVO ₄ heterojunction composite for the photocatalytic degradation of methylene blue organic dye and electrochemical detection of H ₂ O ₂ . RSC Advances, 2018, 8, 35403-35412.	3.6	34
21	Visible light assisted photocatalytic degradation of crystal violet dye and electrochemical detection of ascorbic acid using a BiVO ₄ /FeVO ₄ heterojunction composite. RSC Advances, 2018, 8, 23489-23498.	3.6	86
22	Sedimentation and stabilization of nano-fluids with dispersant. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 554, 86-92.	4.7	36
23	Synthesis of flake-like bismuth tungstate (Bi ₂ WO ₆) for photocatalytic degradation of coomassie brilliant blue (CBB). Inorganic Chemistry Communication, 2017, 86, 213-217.	3.9	39
24	Tetracycline biomimetic imprinted beads cast as a label-free sensing constituent in different transduction systems. Applied Nanoscience (Switzerland), 0, , 1.	3.1	1