

Majid Muneer

List of Publications by Year in descending order

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30
papers

866
citations

623734

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h-index

526287

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all docs

30
docs citations

30
times ranked

549
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of Co-ZnO and Evaluation of Its Photocatalytic Activity for Photodegradation of Methyl Orange. ACS Omega, 2021, 6, 1426-1435.	3.5	163
2	Photocatalysis: an effective tool for photodegradation of dyes—a review. Environmental Science and Pollution Research, 2022, 29, 293-311.	5.3	139
3	Dyeing of gamma irradiated cotton using Direct Yellow 12 and Direct Yellow 27: improvement in colour strength and fastness properties. Cellulose, 2015, 22, 2095-2105.	4.9	62
4	Influence of Microwave Radiation on Dyeing of Bio-mordanted Silk Fabric using Neem Bark (<i>Azadirachta indica</i>)-Based Tannin Natural Dye. Journal of Natural Fibers, 2020, 17, 1410-1422.	3.1	50
5	Ag-Co ₃ O ₄ : Synthesis, characterization and evaluation of its photo-catalytic activity towards degradation of rhodamine B dye in aqueous medium. Chinese Journal of Chemical Engineering, 2018, 26, 1264-1269.	3.5	41
6	Ecofriendly Dyeing of UV-Irradiated Cotton Using Extracts of Acacia nilotica Bark (Kikar) as Source of Quercetin. Asian Journal of Chemistry, 2014, 26, 830-834.	0.3	40
7	Azadirachta indica leaves extract assisted green synthesis of Ag-TiO ₂ for degradation of Methylene blue and Rhodamine B dyes in aqueous medium. Green Processing and Synthesis, 2019, 8, 659-666.	3.4	40
8	Sustainable application of cochineal-based anthraquinone dye for the coloration of bio-mordanted silk fabric. Environmental Science and Pollution Research, 2020, 27, 6851-6860.	5.3	40
9	Synthesis and characterization of ZnO decorated reduced graphene oxide (ZnO-rGO) and evaluation of its photocatalytic activity toward photodegradation of methylene blue. Environmental Science and Pollution Research, 2022, 29, 418-430.	5.3	40
10	Synthesis and characterization of silver loaded alumina and evaluation of its photo catalytic activity on photo degradation of methylene blue dye. Chemical Engineering Research and Design, 2019, 148, 218-226.	5.6	39
11	Development of Bi ₂ O ₃ -ZnO heterostructure for enhanced photodegradation of rhodamine B and reactive yellow dyes. Surfaces and Interfaces, 2022, 30, 101846.	3.0	31
12	Synthesis of a Co-ZnO photocatalyst for enhanced visible-light assisted photodegradation of methylene blue. New Journal of Chemistry, 2022, 46, 2224-2231.	2.8	30
13	Glucomannan based polyurethanes: A critical short review of recent advances and future perspectives. International Journal of Biological Macromolecules, 2016, 87, 229-236.	7.5	28
14	Kinetic modeling of ZnO-rGO catalyzed degradation of methylene blue. International Journal of Chemical Kinetics, 2020, 52, 645-654.	1.6	21
15	Synthesis and characterization of Bi ₂ O ₃ and Ag-Bi ₂ O ₃ and evaluation of their photocatalytic activities towards photodegradation of crystal violet dye. Physica Scripta, 2021, 96, 125707.	2.5	14
16	<i>Helianthus annuus</i> assisted green synthesis of Co ₃ O ₄ and Ag-Co ₃ O ₄ and evaluation of their catalytic activities toward photodegradation of crystal violet dye. Environmental Progress and Sustainable Energy, 2021, 40, e13591.	2.3	12
17	ZnO-TiO ₂ : Synthesis, Characterization and Evaluation of Photo Catalytic Activity towards Degradation of Methyl Orange. Zeitschrift Fur Physikalische Chemie, 2021, 235, 225-237.	2.8	11
18	A comparative sorption study of Cr ³⁺ and Cr ⁶⁺ using mango peels: kinetic, equilibrium and thermodynamic. Green Processing and Synthesis, 2019, 8, 337-347.	3.4	10

#	ARTICLE	IF	CITATIONS
19	Thermal Stability and Mechanical Properties of Organo-Soluble and Processable Polyimides for High-Temperature Materials. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 22-28.	1.9	9
20	Study of electrical, dielectric and magnetic properties of Dy-Co bi-substituted strontium hexaferrite nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 4658-4664.	2.2	9
21	Synthesis of Ag-Fe ₃ O ₄ nanoparticles for degradation of methylene blue in aqueous medium. <i>Bulletin of the Chemical Society of Ethiopia</i> , 2020, 34, 123-134.	1.1	8
22	Biosorption of metribuzin pesticide by Cucumber (<i>Cucumis sativus</i>) peels-zinc oxide nanoparticles composite. <i>Scientific Reports</i> , 2022, 12, 5840.	3.3	8
23	SnO ₂ /UV/H ₂ O ₂ and TiO ₂ /UV/H ₂ O ₂ Efficiency for the Degradation of Reactive Yellow 160A: By-Product Distribution, Cytotoxicity and Mutagenicity Evaluation. <i>Catalysts</i> , 2022, 12, 553.	3.5	6
24	Gamma and UV radiations induced treatment of anti-cancer methotrexate drug in aqueous medium: Effect of process variables on radiation efficiency evaluated using bioassays. <i>Applied Radiation and Isotopes</i> , 2020, 166, 109371.	1.5	5
25	Excess molar volume and isentropic compressibility of monoethanolamine in aqueous system at temperatures from 298.15 to 318.15 K. <i>Physics and Chemistry of Liquids</i> , 2016, 54, 384-393.	1.2	4
26	Oxone activated TiO ₂ in presence of UV-LED light for the degradation of moxifloxacin: A mechanistic study. <i>Arabian Journal of Chemistry</i> , 2022, 15, 104061.	4.9	4
27	Degradation of moxifloxacin by ionizing radiation and toxicity assessment. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021, 235, 1629-1643.	2.8	2
28	Photo Catalysis: An Effective Tool for Treatment of Dyes Contaminated Wastewater. , 2020, , 175-187.		0
29	Acoustical behavior of some amino acids in aqueous disodium citrate solutions over temperature range (298.15-313.15) K. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015, 28, 1613-7.	0.2	0
30	Antimicrobial, selective antibiofilm, and antioxidant properties of plasticized PMMA/PVC and zinc oxide nano filler for biomedical applications.. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2022, 35, 233-238.	0.2	0