

Ambreen Ashar

List of Publications by Year in descending order

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25
papers

517
citations

687220

13
h-index

677027

22
g-index

25
all docs

25
docs citations

25
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and photocatalytic activity of ZnO flower and pseudo-sphere: Nonylphenol ethoxylate degradation under UV and solar irradiation. <i>Journal of Alloys and Compounds</i> , 2016, 678, 126-136.	2.8	99
2	Polyamidoamine (PAMAM) dendrimers synthesis, characterization and adsorptive removal of nickel ions from aqueous solution. <i>Journal of Materials Research and Technology</i> , 2020, 9, 498-506.	2.6	73
3	Graphene oxide supported Fe ₂ (MoO ₄) ₃ nano rods assembled round-ball fabrication via hydrothermal route and photocatalytic degradation of nonsteroidal anti-inflammatory drug. <i>Journal of Molecular Liquids</i> , 2020, 301, 112343.	2.3	45
4	Fe ³⁺ @ ZnO/polyester based solar photocatalytic membrane reactor for abatement of RB5 dye. <i>Journal of Cleaner Production</i> , 2020, 246, 119010.	4.6	44
5	Fe/ZnO@ceramic fabrication for the enhanced photocatalytic performance under solar light irradiation for dye degradation. <i>Journal of Materials Research and Technology</i> , 2020, 9, 4218-4229.	2.6	42
6	Microwave assisted extraction and dyeing of cotton fabric with mixed natural dye from pomegranate rind (<i>Punica granatum L.</i>) and turmeric rhizome (<i>Curcuma longa L.</i>). <i>Journal of Natural Fibers</i> , 2022, 19, 248-255.	1.7	29
7	Synthesis of Cu-doped MgO and its enhanced photocatalytic activity for the solar-driven degradation of disperse red F3BS with condition optimization. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021, 235, 1395-1412.	1.4	20
8	Integrated hydrothermal assisted green synthesis of ZnO nano discs and their water purification efficiency together with antimicrobial activity. <i>Journal of Materials Research and Technology</i> , 2021, 15, 6901-6917.	2.6	20
9	Kinetic and equilibrium study of (poly amido amine) PAMAM dendrimers for the removal of chromium from tannery wastewater. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021, 235, 1027-1039.	1.4	19
10	Iron-doped zinc oxide for photocatalyzed degradation of humic acid from municipal wastewater. <i>Applied Materials Today</i> , 2021, 23, 101047.	2.3	18
11	Characterization and evaluation of antibacterial activity of plant mediated calcium oxide (CaO) nanoparticles by employing <i>Mentha pipertia</i> extract. <i>Materials Research Express</i> , 2017, 4, 105402.	0.8	16
12	Enhanced wound healing activity of nano ZnO and nano Curcuma longa in third-degree burn. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 1267-1278.	1.6	15
13	A Comprehensive Review of the Ethnotraditional Uses and Biological and Pharmacological Potential of the Genus <i>Mimosa</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 7463.	1.8	15
14	Enhanced Solar Photocatalytic Reduction of Cr(VI) Using a (ZnO/CuO) Nanocomposite Grafted onto a Polyester Membrane for Wastewater Treatment. <i>Polymers</i> , 2021, 13, 4047.	2.0	14
15	Evaluation of Compost and Biochar to Mitigate Chlorpyrifos Pollution in Soil and Their Effect on Soil Enzyme Dynamics. <i>Sustainability</i> , 2021, 13, 9695.	1.6	11
16	Voltage-assisted photocatalytic activity of ZnO nanorods grown on carbon fabric for effluent treatment. <i>Journal of Cleaner Production</i> , 2018, 201, 909-915.	4.6	10
17	Oxidative degradation of erythromycin using calcium carbonate under UV and solar light irradiation: Condition optimized by response surface methodology. <i>Journal of Water Process Engineering</i> , 2021, 44, 102433.	2.6	8
18	Synthesis, characterization, and pharmacological evaluation of zinc oxide nanoparticles formulation. <i>Toxicology and Industrial Health</i> , 2018, 34, 753-763.	0.6	6

#	ARTICLE	IF	CITATIONS
19	Emerging nanotechnology role in the development of innovative solutions against COVID-19 pandemic. Nanotechnology, 2021, 32, 482001.	1.3	6
20	Prewetting Induced Hydrophilicity to Augment Photocatalytic Activity of Nanocalcite @ Polyester Fabric. Polymers, 2022, 14, 295.	2.0	4
21	Antimicrobial Applications of Nanoparticles. Advances in Chemical and Materials Engineering Book Series, 2022, , 269-288.	0.2	1
22	Enhanced Solar Photocatalytic Activity of Thermally Stable I:ZnO/Glass Beads for Reduction of Cr(VI) in Tannery Effluent. Frontiers in Chemistry, 2022, 10, 805913.	1.8	1
23	Nanotechnology-Based Drug Delivery System. Advances in Bioinformatics and Biomedical Engineering Book Series, 2022, , 97-133.	0.2	1
24	Role of Nanoparticles in Cancer Therapy. Advances in Chemical and Materials Engineering Book Series, 2022, , 363-388.	0.2	0
25	Probing the Synergistic Effect of Antibacterial Drug and Oleic Acid in Lipid Based Gastro Retentive Matrices by Melt Molding Method. Current Drug Delivery, 2022, 19, .	0.8	0