

Muhammad Bilal

List of Publications by Year in descending order

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papers

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933447

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Ligustrum lucidum Leaf Extract-Assisted Green Synthesis of Silver Nanoparticles and Nano-Adsorbents Having Potential in Ultrasound-Assisted Adsorptive Removal of Methylene Blue Dye from Wastewater and Antimicrobial Activity. <i>Materials</i> , 2022, 15, 1637.	2.9	11
2	Promising Low-Cost Adsorbent from Waste Green Tea Leaves for Phenol Removal in Aqueous Solution. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6396.	2.6	9
3	Synthesis and Characterization of Fe-TiO ₂ Nanomaterial: Performance Evaluation for RB5 Decolorization and In Vitro Antibacterial Studies. <i>Nanomaterials</i> , 2021, 11, 436.	4.1	24
4	Bioenergy Potential of Albumin, Acetic Acid, Sucrose, and Blood in Microbial Fuel Cells Treating Synthetic Wastewater. <i>Processes</i> , 2021, 9, 1289.	2.8	4
5	Removal of levofloxacin from aqueous solution by green synthesized magnetite (Fe ₃ O ₄) nanoparticles using <i>Moringa olifera</i> : Kinetics and reaction mechanism analysis. <i>Ecotoxicology and Environmental Safety</i> , 2021, 226, 112826.	6.0	54
6	Graphene quantum dot and iron co-doped TiO ₂ photocatalysts: Synthesis, performance evaluation and phytotoxicity studies. <i>Ecotoxicology and Environmental Safety</i> , 2021, 226, 112855.	6.0	22
7	Photocatalytic Decolorization and Biocidal Applications of Nonmetal Doped TiO ₂ : Isotherm, Kinetic Modeling and In Silico Molecular Docking Studies. <i>Molecules</i> , 2020, 25, 4468.	3.8	16
8	Activated carbon from a specific plant precursor biomass for hazardous Cr(VI) adsorption and recovery studies in batch and column reactors: Isotherm and kinetic modeling. <i>Journal of Water Process Engineering</i> , 2020, 38, 101577.	5.6	33
9	Influence of metallic species for efficient photocatalytic water disinfection: bactericidal mechanism of in vitro results using docking simulation. <i>Environmental Science and Pollution Research</i> , 2020, 27, 39819-39831.	5.3	15
10	Phosphoric Acid Activated Carbon from <i>Melia azedarach</i> Waste Sawdust for Adsorptive Removal of Reactive Orange 16: Equilibrium Modelling and Thermodynamic Analysis. <i>Molecules</i> , 2020, 25, 2118.	3.8	17
11	Photocatalytic Inactivation of Bioaerosols: A Short Review on Emerging Technologies. <i>Current Analytical Chemistry</i> , 2020, 17, 31-37.	1.2	2
12	Natural dolomite as a low-cost adsorbent for efficient removal of As(III) from aqueous solutions. <i>Materials Research Express</i> , 2019, 6, 085535.	1.6	6
13	Water treatment by photodegradation on orthorhombic antimony sulfide powder and effect of key operational parameters using methyl orange as a model pollutant. <i>Arabian Journal of Chemistry</i> , 2018, 11, 1117-1125.	4.9	10
14	Role of sorption energy and chemisorption in batch methylene blue and Cu ²⁺ adsorption by novel thuja cone carbon in binary component system: linear and nonlinear modeling. <i>Environmental Science and Pollution Research</i> , 2018, 25, 31579-31592.	5.3	19
15	Ultrasound-assisted adsorption of phenol from aqueous solution by using spent black tea leaves. <i>Environmental Science and Pollution Research</i> , 2018, 25, 22920-22930.	5.3	35