

Muhammad Bilal Akbar

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

429
citations

1163117
8
h-index

1474206
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g-index

9
all docs

9
docs citations

9
times ranked

388
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly efficient g-C ₃ N ₄ /Cr-ZnO nanocomposites with superior photocatalytic and antibacterial activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 401, 112776.	3.9	107
2	Controlled synthesis of Ag-doped CuO nanoparticles as a core with poly(acrylic acid) microgel shell for efficient removal of methylene blue under visible light. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 8423-8435.	2.2	80
3	Critical role of the heterojunction interface of silver decorated ZnO nanocomposite with sulfurized graphitic carbon nitride heterostructure materials for photocatalytic applications. <i>Journal of Alloys and Compounds</i> , 2021, 858, 158338.	5.5	59
4	Designing highly potential photocatalytic comprising silver deposited ZnO NPs with sulfurized graphitic carbon nitride (Ag/ZnO/S-g-C ₃ N ₄) ternary composite. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104919.	6.7	55
5	New aspects of C ₂ selectivity in electrochemical CO ₂ reduction over oxide-derived copper. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 2046-2053.	2.8	35
6	The Different Roles of Cobalt and Manganese in Metal-Organic Frameworks for Supercapacitors. <i>Advanced Materials Technologies</i> , 2021, 6, 2000941.	5.8	33
7	Exploring the Synergistic Effect of Novel Ni-Fe in 2D Bimetallic Metal-Organic Frameworks for Enhanced Electrochemical Reduction of CO ₂ . <i>Advanced Materials Interfaces</i> , 2022, 9, 2101505.	3.7	32
8	A facile synthesis of Cu catalysts with multiple high-index facets for the suppression of competing H ₂ evolution during electrocatalytic CO ₂ reduction. <i>Nanoscale</i> , 2021, 13, 3042-3048.	5.6	21
9	Role of TiO ₂ coating layer on the performance of Cu ₂ O photocathode in photoelectrochemical CO ₂ reduction. <i>Nanotechnology</i> , 2021, 32, 395707.	2.6	7