

Mian Zahid Hussain

List of Publications by Year in descending order

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17
papers

631
citations

687363

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times ranked

561
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Metal-Organic Frameworks Derived Nanocomposites for Photocatalytic Applications in Energy and Environment. <i>Advanced Science</i> , 2021, 8, e2100625.	11.2	118
2	Porous ZnO/Carbon nanocomposites derived from metal organic frameworks for highly efficient photocatalytic applications: A correlational study. <i>Carbon</i> , 2019, 146, 348-363.	10.3	89
3	MOF Derived Porous ZnO/C Nanocomposites for Efficient Dye Photodegradation. <i>ACS Applied Energy Materials</i> , 2018, 1, 4695-4707.	5.1	72
4	Polyoxometallates@zeolitic-imidazolate-framework derived bimetallic tungsten-cobalt sulfide/porous carbon nanocomposites as efficient bifunctional electrocatalysts for hydrogen and oxygen evolution. <i>Electrochimica Acta</i> , 2020, 330, 135335.	5.2	52
5	Cyclodextrin metal-organic frameworks and derivatives: recent developments and applications. <i>Chemical Society Reviews</i> , 2022, 51, 5175-5213.	38.1	44
6	An in situ investigation of the thermal decomposition of metal-organic framework NH ₂ -MIL-125 (Ti). <i>Microporous and Mesoporous Materials</i> , 2021, 316, 110957.	4.4	43
7	Surface functionalized N-C-TiO ₂ /C nanocomposites derived from metal-organic framework in water vapour for enhanced photocatalytic H ₂ generation. <i>Journal of Energy Chemistry</i> , 2021, 57, 485-495.	12.9	38
8	Bimetal-organic framework derived multi-heterostructured TiO ₂ /Cu _x O/C nanocomposites with superior photocatalytic H ₂ generation performance. <i>Journal of Materials Chemistry A</i> , 2021, 9, 4103-4116.	10.3	37
9	Metal-organic framework derived multi-functionalized and co-doped TiO ₂ /C nanocomposites for excellent visible-light photocatalysis. <i>Journal of Materials Science and Technology</i> , 2022, 101, 49-59.	10.7	29
10	Bimetallic Fe-Mo sulfide/carbon nanocomposites derived from phosphomolybdic acid encapsulated MOF for efficient hydrogen generation. <i>Journal of Materials Science and Technology</i> , 2021, 84, 76-85.	10.7	26
11	Structural, optical, electronic and magnetic properties of multiphase ZnO/Zn(OH) ₂ /ZnO ₂ nanocomposites and hexagonal prism shaped ZnO nanoparticles synthesized by pulse laser ablation in Heptanes. <i>Materials Chemistry and Physics</i> , 2018, 211, 510-521.	4.0	24
12	Excellent electrochemical performance of SrZrO ₃ nanorods as supercapacitor electrode in aqueous electrolytes. <i>Applied Surface Science</i> , 2019, 495, 143587.	6.1	17
13	Enrichment of low concentration methane: an overview of ventilation air methane. <i>Journal of Materials Chemistry A</i> , 2022, 10, 6397-6413.	10.3	17
14	Space Programs of India and Pakistan: Military and Strategic Installations in Outer Space and Precarious Regional Strategic Stability. <i>Space Policy</i> , 2019, 47, 63-75.	1.5	8
15	Optical properties of laser ablated ZnO nanoparticles prepared with Tween-80. <i>Materials Letters</i> , 2014, 122, 147-150.	2.6	7
16	Multifunctional porous SiC nanowire scaffolds. <i>Journal of the European Ceramic Society</i> , 2021, 41, 3970-3979.	5.7	7
17	Sodium Tungsten Oxide Bronze Nanowires Bundles in Adsorption of Methylene Blue Dye under UV and Visible Light Exposure. <i>Energies</i> , 2021, 14, 1322.	3.1	3