

Imran Ullah Khan

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

975
citations

759233

12
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1382
citing authors

#	ARTICLE	IF	CITATIONS
1	Biogas as a renewable energy fuel – A review of biogas upgrading, utilisation and storage. <i>Energy Conversion and Management</i> , 2017, 150, 277-294.	9.2	520
2	Graphene and its derivatives: synthesis, modifications, and applications in wastewater treatment. <i>Environmental Chemistry Letters</i> , 2018, 16, 1301-1323.	16.2	84
3	Economical, environmental friendly synthesis, characterization for the production of zeolitic imidazolate framework-8 (ZIF-8) nanoparticles with enhanced CO ₂ adsorption. <i>Arabian Journal of Chemistry</i> , 2018, 11, 1072-1083.	4.9	50
4	Structural transition from two-dimensional ZIF-L to three-dimensional ZIF-8 nanoparticles in aqueous room temperature synthesis with improved CO ₂ adsorption. <i>Materials Characterization</i> , 2018, 136, 407-416.	4.4	48
5	Controlled synthesis of reduced graphene oxide supported magnetically separable Fe ₃ O ₄ @rGO@Ag ternary nanocomposite for enhanced photocatalytic degradation of phenol. <i>Powder Technology</i> , 2019, 356, 547-558.	4.2	47
6	Status and improvement of dual-layer hollow fiber membranes via co-extrusion process for gas separation: A review. <i>Journal of Natural Gas Science and Engineering</i> , 2018, 52, 215-234.	4.4	45
7	Facile spectroscopic approach to obtain the optoelectronic properties of few-layered graphene oxide thin films and their role in photocatalysis. <i>New Journal of Chemistry</i> , 2017, 41, 14217-14227.	2.8	33
8	ZIF-8 based polysulfone hollow fiber membranes for natural gas purification. <i>Polymer Testing</i> , 2020, 84, 106415.	4.8	30
9	A simple route to layer-by-layer assembled few layered graphene oxide nanosheets: Optical, dielectric and antibacterial aspects. <i>Journal of Molecular Liquids</i> , 2018, 253, 284-296.	4.9	28
10	Structural, optical, and photocatalytic investigation of nickel oxide@graphene oxide nanocomposite thin films by RF magnetron sputtering. <i>Journal of Materials Science</i> , 2018, 53, 15034-15050.	3.7	25
11	Development of high performance amine functionalized zeolitic imidazolate framework (ZIF-8) for CO ₂ /CH ₄ separation. <i>International Journal of Energy Research</i> , 2020, 44, 7989-7999.	4.5	23
12	Structural and optical characteristics, and bacterial decolonization studies on non-reactive RF sputtered Cu@ZnO@graphene based nanoparticles thin films. <i>Journal of Materials Science</i> , 2019, 54, 6515-6529.	3.7	16
13	Challenges, Opportunities and Future Directions of Membrane Technology for Natural Gas Purification: A Critical Review. <i>Membranes</i> , 2022, 12, 646.	3.0	12
14	Linear /nonlinear optical susceptibility spectroscopic constants of polyaniline@graphene oxide nanocomposite thin films. <i>Synthetic Metals</i> , 2019, 251, 30-39.	3.9	10
15	A comprehensive study on the surface chemistry of particulate matter collected from Jeddah, Saudi Arabia. <i>Journal of Atmospheric Chemistry</i> , 2018, 75, 271-283.	3.2	2
16	RAPID SYNTHESIS AND CHARACTERIZATION OF LEAF-LIKE ZEOLITIC IMIDAZOLATE FRAMEWORK. <i>Malaysian Journal of Analytical Sciences</i> , 2018, 22, .	0.1	1
17	High Performance Membrane for Natural Gas Sweetening Plants. <i>Advances in Science, Technology and Innovation</i> , 2021, , 59-72.	0.4	1
18	Aerogels in the environment protection. , 2021, , 245-257.		0