

Muhammad Daud

List of Publications by Year in descending order

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papers

2,440
citations

516710

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752698

20
g-index

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docs citations

21
times ranked

3749
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on 2D Molybdenum Diselenide (MoSe ₂) and Its Hybrids for Green Hydrogen (H ₂) Generation Applications. ACS Omega, 2022, 7, 16856-16865.	3.5	35
2	Dendrimer assisted dye-removal: A critical review of adsorption and catalytic degradation for wastewater treatment. Journal of Molecular Liquids, 2020, 315, 113775.	4.9	86
3	Enhanced Removal of Eriochrome Black T Using Graphene/NiMgAl-Layered Hydroxides: Isotherm, Kinetic, and Thermodynamic Studies. Arabian Journal for Science and Engineering, 2020, 45, 7175-7189.	3.0	15
4	Recent progress and remaining challenges in post-combustion CO ₂ capture using metal-organic frameworks (MOFs). Progress in Energy and Combustion Science, 2020, 80, 100849.	31.2	235
5	Graphene/ternary layered double hydroxide composites: Efficient removal of anionic dye from aqueous phase. Korean Journal of Chemical Engineering, 2019, 36, 1057-1068.	2.7	34
6	Synergistic properties of molybdenum disulfide (MoS ₂) with electro-active materials for high-performance supercapacitors. International Journal of Hydrogen Energy, 2019, 44, 17470-17492.	7.1	45
7	A review on the recent advances, challenges and future aspect of layered double hydroxides (LDH) containing hybrids as promising adsorbents for dyes removal. Journal of Molecular Liquids, 2019, 288, 110989.	4.9	196
8	Metallocene-Catalyzed Copolymerization of Ethylene and 1-Hexene in the Presence of Graphene/MgAl LDH Nanofiller: Effect on the Activity, SCB, and Thermal Stability. Arabian Journal for Science and Engineering, 2018, 43, 6021-6032.	3.0	11
9	Adsorption of eriochrome black T from aqueous phase on MgAl-, CoAl- and NiFe- calcined layered double hydroxides: Kinetic, equilibrium and thermodynamic studies. Journal of Molecular Liquids, 2017, 230, 344-352.	4.9	110
10	Evaluation of layered double hydroxide/graphene hybrid as a sorbent in membrane-protected stir-bar supported micro-solid-phase extraction for determination of organochlorine pesticides in urine samples. Journal of Chromatography A, 2017, 1489, 1-8.	3.7	74
11	Recent progress in layered double hydroxides (LDH)-containing hybrids as adsorbents for water remediation. Applied Clay Science, 2017, 143, 279-292.	5.2	389
12	Recent progress and remaining challenges in organometallic halides based perovskite solar cells. Renewable and Sustainable Energy Reviews, 2017, 78, 1-14.	16.4	49
13	Crystallization behaviour and lamellar thickness distribution of metallocene-catalyzed polymer: Effect of α -olefin comonomer and branch length. Canadian Journal of Chemical Engineering, 2017, 95, 491-499.	1.7	9
14	Graphene/layered double hydroxides nanocomposites: A review of recent progress in synthesis and applications. Carbon, 2016, 104, 241-252.	10.3	207
15	Synthesis, characterization and crystallization kinetics of nanocomposites prepared by in situ polymerization of ethylene and graphene. Journal of Thermal Analysis and Calorimetry, 2016, 123, 1501-1511.	3.6	20
16	New 1,3,4-Oxadiazole Based Photosensitizers for Dye Sensitized Solar Cells (DSSCs). International Journal of Photoenergy, 2015, 2015, 1-8.	2.5	13
17	Impact of nanoparticles on human and environment: review of toxicity factors, exposures, control strategies, and future prospects. Environmental Science and Pollution Research, 2015, 22, 4122-4143.	5.3	294
18	Non-isothermal crystallization kinetics of LLDPE prepared by in situ polymerization in the presence of nano titania. Polymer Bulletin, 2015, 72, 1233-1245.	3.3	17

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19	Theoretical study of benzene/thiophene based photosensitizers for dye sensitized solar cells (DSSCs). Dyes and Pigments, 2015, 118, 152-158.	3.7	53
20	Designs, formats and applications of lateral flow assay: A literature review. Journal of Saudi Chemical Society, 2015, 19, 689-705.	5.2	545