

Muhammad Daud

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,440
citations

516710

16
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

3749
citing authors

#	ARTICLE	IF	CITATIONS
1	Designs, formats and applications of lateral flow assay: A literature review. Journal of Saudi Chemical Society, 2015, 19, 689-705.	5.2	545
2	Recent progress in layered double hydroxides (LDH)-containing hybrids as adsorbents for water remediation. Applied Clay Science, 2017, 143, 279-292.	5.2	389
3	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
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/layered double hydroxides nanocomposites: A review of recent progress in synthesis and applications. Carbon, 2016, 104, 241-252.	10.3	207
6	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
7	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
8	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
9	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
10	Theoretical study of benzene/thiophene based photosensitizers for dye sensitized solar cells (DSSCs). Dyes and Pigments, 2015, 118, 152-158.	3.7	53
11	Recent progress and remaining challenges in organometallic halides based perovskite solar cells. Renewable and Sustainable Energy Reviews, 2017, 78, 1-14.	16.4	49
12	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
13	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
14	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
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	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
17	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
18	New 1,3,4-Oxadiazole Based Photosensitizers for Dye Sensitized Solar Cells (DSSCs). International Journal of Photoenergy, 2015, 2015, 1-8.	2.5	13

#	ARTICLE	IF	CITATIONS
19	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
20	Crystallization behaviour and lamellar thickness distribution of metallocene-catalyzed polymer: Effect of 1-alkene comonomer and branch length. Canadian Journal of Chemical Engineering, 2017, 95, 491-499.	1.7	9