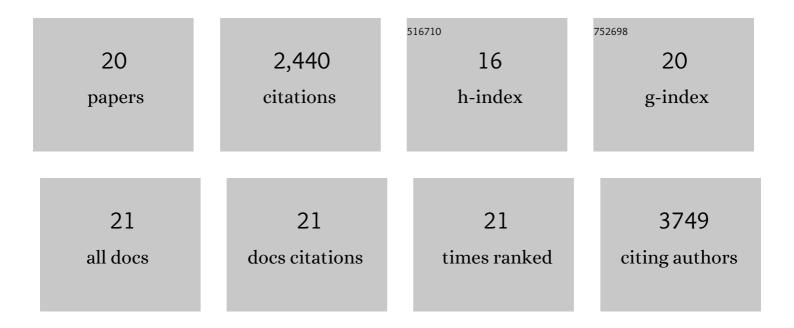
Muhammad Daud

List of Publications by Year in descending order

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#	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 CO2 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 forÂdye 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 (MoS2) 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 atalyzed polymer: Effect of 1â€alkene comonomer and branch length. Canadian Journal of Chemical Engineering, 2017, 95, 491-499.	1.7	9