

# Khalil Ahmad

## List of Publications by Year in descending order

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17  
papers

611  
citations

623734

14  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

266  
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering of Zirconium based metal-organic frameworks (Zr-MOFs) as efficient adsorbents. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020, 262, 114766.	3.5	108
2	Effect of metal atom in zeolitic imidazolate frameworks (ZIF-8 & 67) for removal of Pb <sup>2+</sup> & Hg <sup>2+</sup> from water. <i>Food and Chemical Toxicology</i> , 2021, 149, 112008.	3.6	86
3	Development of Mn-PBA on GO sheets for adsorptive removal of ciprofloxacin from water: Kinetics, isothermal, thermodynamic and mechanistic studies. <i>Materials Chemistry and Physics</i> , 2020, 245, 122737.	4.0	62
4	Water stable graphene oxide metal-organic frameworks composite (ZIF-67@GO) for efficient removal of malachite green from water. <i>Food and Chemical Toxicology</i> , 2021, 154, 112312.	3.6	47
5	Lead In drinking water: Adsorption method and role of zeolitic imidazolate frameworks for its remediation: A review. <i>Journal of Cleaner Production</i> , 2022, 368, 133010.	9.3	37
6	Metal Organic Framework (KIUB-MOF-1) as efficient adsorbent for cationic and anionic dyes from brackish water. <i>Journal of Molecular Structure</i> , 2021, 1242, 130898.	3.6	32
7	Arsenic in drinking water: overview of removal strategies and role of chitosan biosorbent for its remediation. <i>Environmental Science and Pollution Research</i> , 2022, 29, 64312-64344.	5.3	31
8	Synthesis and spectroscopic characterization of medicinal azo derivatives and metal complexes of Indandion. <i>Journal of Molecular Structure</i> , 2019, 1198, 126885.	3.6	27
9	Synthesis and characterization of water stable polymeric metallo organic composite (PMOC) for the removal of arsenic and lead from brackish water. <i>Toxin Reviews</i> , 2022, 41, 577-587.	3.4	27
10	Metal-Organic Frameworks Derived Electrocatalysts for Oxygen and Carbon Dioxide Reduction Reaction. <i>Chemical Record</i> , 2022, 22, e202100329.	5.8	26
11	Development of poly(1-vinylimidazole)-chitosan composite sorbent under microwave irradiation for enhanced uptake of Cd(II) ions from aqueous media. <i>Polymer Bulletin</i> , 2022, 79, 807-827.	3.3	25
12	Quality assessment of the noncarbonated-bottled drinking water: comparison of their treatment techniques. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 8195-8206.	3.3	24
13	Synthetic routes of azo derivatives: A brief overview. <i>Journal of Molecular Structure</i> , 2021, 1244, 131181.	3.6	21
14	Metal organic frameworks for efficient catalytic conversion of CO <sub>2</sub> and CO into applied products. <i>Molecular Catalysis</i> , 2022, 517, 112055.	2.0	17
15	Rational synthesis and characterization of medicinal phenyl diazenyl-3-hydroxy-1h-inden-1-one azo derivatives and their metal complexes. <i>Journal of Molecular Structure</i> , 2021, 1227, 129574.	3.6	16
16	Removal of decidedly lethal metal arsenic from water using metal organic frameworks: a critical review. <i>Reviews in Inorganic Chemistry</i> , 2022, 42, 197-227.	4.1	14
17	Design, Synthesis and Spectroscopic Characterizations of Medicinal Hydrazone Derivatives and Metal Complexes of Malonic Ester. <i>Current Bioactive Compounds</i> , 2023, 19, .	0.5	11