

Mohammad Kashif Uddin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4064477/publications.pdf>

Version: 2024-02-01

30
papers

2,420
citations

394286

19
h-index

552653

26
g-index

31
all docs

31
docs citations

31
times ranked

2963
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on the adsorption of heavy metals by clay minerals, with special focus on the past decade. <i>Chemical Engineering Journal</i> , 2017, 308, 438-462.	6.6	1,412
2	Synthesis of Co ₃ O ₄ nanoparticles and their performance towards methyl orange dye removal: Characterisation, adsorption and response surface methodology. <i>Journal of Cleaner Production</i> , 2019, 211, 1141-1153.	4.6	150
3	Walnut shell powder as a low-cost adsorbent for methylene blue dye: isotherm, kinetics, thermodynamic, desorption and response surface methodology examinations. <i>Scientific Reports</i> , 2020, 10, 7983.	1.6	98
4	Adsorption studies of Cd(II) on ball clay: Comparison with other natural clays. <i>Arabian Journal of Chemistry</i> , 2016, 9, S1233-S1241.	2.3	66
5	Removal of Rhodamine B dye from aqueous solutions using photo-Fenton processes and novel Ni-Cu@MWCNTs photocatalyst. <i>Journal of Molecular Liquids</i> , 2020, 312, 113399.	2.3	66
6	Removal of hazardous azo dye from water using synthetic nano adsorbent: Facile synthesis, characterization, adsorption, regeneration and design of experiments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 584, 124031.	2.3	52
7	Removal of Cr(VI) from electroplating wastewater using fruit peel of <i>Litchi chinensis</i> . <i>Desalination and Water Treatment</i> , 2012, 49, 136-146.	1.0	51
8	Kinetics and isotherm studies of Cd(II) adsorption from aqueous solution utilizing seeds of bottlebrush plant (<i>Callistemon chisholmii</i>). <i>Applied Water Science</i> , 2014, 4, 371-383.	2.8	46
9	Simple one-step synthesis process of novel MoS ₂ @bentonite magnetic nanocomposite for efficient adsorption of crystal violet from aqueous solution. <i>Materials Research Bulletin</i> , 2021, 139, 111279.	2.7	45
10	Pyrolysis of rubber seed pericarp biomass treated with sulfuric acid for the adsorption of crystal violet and methylene green dyes: an optimized process. <i>International Journal of Phytoremediation</i> , 2023, 25, 393-402.	1.7	45
11	Properties and application of MoS ₂ nanopowder: Characterization, Congo red dye adsorption, and optimization. <i>Journal of Materials Research and Technology</i> , 2021, 13, 1169-1180.	2.6	39
12	Removal of Cr(VI) from aqueous solution on seeds of <i>Artimisia absinthium</i> (novel plant) <i>Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 302</i>	1.0	38
13	Removal of Cd(II) from aqueous solution by exploring the biosorption characteristics of gaozaban (<i>Onosma bracteatum</i>). <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 1155-1164.	3.3	37
14	The artificial neural network and Box-Behnken design for Cu ²⁺ removal by the pottery sludge from water samples: Equilibrium, kinetic and thermodynamic studies. <i>Journal of Molecular Liquids</i> , 2018, 266, 617-627.	2.3	34
15	Adsorptive remediation of Pb(II) from aqueous media using <i>Schleichera oleosa</i> bark. <i>Environmental Technology and Innovation</i> , 2018, 11, 1-14.	3.0	32
16	A mini update on fluoride adsorption from aqueous medium using clay materials. , 0, 145, 232-248.		31
17	A review of photocatalytic characterization, and environmental cleaning, of metal oxide nanostructured materials. <i>Sustainable Materials and Technologies</i> , 2021, 30, e00343.	1.7	30
18	Adsorption Properties of Coriander Seed Powder (<i>Coriandrum Sativum</i>): Extraction and Pre-concentration of Pb(II), Cu(II) and Zn(II) Ions from Aqueous Solution. <i>Adsorption Science and Technology</i> , 2012, 30, 127-146.	1.5	26

#	ARTICLE	IF	CITATIONS
19	Decolorization of Basic Dyes Solution by Utilizing Fruit Seed Powder. KSCE Journal of Civil Engineering, 2020, 24, 345-355.	0.9	26
20	Synthesis and characterization of polyaniline Zr(IV) molybdophosphate for the adsorption of phenol from aqueous solution. Reaction Kinetics, Mechanisms and Catalysis, 2014, 113, 499-517.	0.8	24
21	Pottery glaze—An excellent adsorbent for the removal of Cu(II) from aqueous solution. Diqiu Huaxue, 2012, 31, 136-146.	0.5	12
22	Statistical analysis of Litchi chinensis™s adsorption behavior toward Cr(VI). Applied Water Science, 2018, 8, 1.	2.8	11
23	Surface Modification of TiO ₂ nanoparticles using Conducting Polymer Coating: Spectroscopic, Structural, Morphological Characterization and Interaction with Dye Molecules. Materials Today Communications, 2020, 25, 101534.	0.9	10
24	A study on the potential applications of rice husk derivatives as useful adsorptive material. Materials Research Foundations, 2017, , 149-186.	0.2	9
25	Green synthesis, characterization, application and functionality of nitrogen-doped MgO/graphene nanocomposite. Environmental Science and Pollution Research, 2021, 28, 28014-28023.	2.7	8
26	Conducting Polymer Membranes and Their Applications. Engineering Materials, 2020, , 147-176.	0.3	7
27	Development of Ag—Ni NPs loaded on MWCNTs for highly sensitive, selective and reproducible non-enzymatic electrochemical detection of glucose. Journal of Materials Science: Materials in Electronics, 2021, 32, 16166-16181.	1.1	5
28	Synthesis of PAN-nanofibers for the separation of aqueous pollutants and performance of the net-zero energy water treatment plant. , 0, 200, 90-108.		4
29	Synthesis and Characterization of Composite Cation-Exchange Material and Its Application in Removing Toxic Pollutants. , 2017, , 297-311.		2
30	An overview of conventional and advanced water defluoridation techniques. , 2021, , 17-40.		0