Mohammad Kashif Uddin

List of Publications by Year
in descending order

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Version: 2024-02-01

30 papers	2,420 citations	393982 19 h-index	552369 26 g-index
31 all docs	31 docs citations	31 times ranked	2963 citing authors

#	Article	IF	Citations
1	Pyrolysis of rubber seed pericarp biomass treated with sulfuric acid for the adsorption of crystal violet and methylene green dyes: an optimized process. International Journal of Phytoremediation, 2023, 25, 393-402.	1.7	45
2	Green synthesis, characterization, application and functionality of nitrogen-doped MgO/graphene nanocomposite. Environmental Science and Pollution Research, 2021, 28, 28014-28023.	2.7	8
3	Development of Agâ€“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
4	Simple one-step synthesis process of novel MoS2@bentonite magnetic nanocomposite for efficient adsorption of crystal violet from aqueous solution. Materials Research Bulletin, 2021, 139, 111279.	2.7	45
5	Properties and application of MoS2 nanopowder: Characterization, Congo red dye adsorption, and optimization. Journal of Materials Research and Technology, 2021, 13, 1169-1180.	2.6	39
6	A review of photocatalytic characterization, and environmental cleaning, of metal oxide nanostructured materials. Sustainable Materials and Technologies, 2021, 30, e00343.	1.7	30
7	An overview of conventional and advanced water defluoridation techniques. , 2021, , 17-40.		0
8	Removal of hazardous azo dye from water using synthetic nano adsorbent: Facile synthesis, characterization, adsorption, regeneration and design of experiments. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 584, 124031.	2.3	52
9	Surface Modification of TiO2 nanoparticles using Conducting Polymer Coating: Spectroscopic, Structural, Morphological Characterization and Interaction with Dye Molecules. Materials Today Communications, 2020, 25, 101534.	0.9	10
10	Walnut shell powder as a low-cost adsorbent for methylene blue dye: isotherm, kinetics, thermodynamic, desorption and response surface methodology examinations. Scientific Reports, 2020, 10, 7983.	1.6	98
11	Decolorization of Basic Dyes Solution by Utilizing Fruit Seed Powder. KSCE Journal of Civil Engineering, 2020, 24, 345-355.	0.9	26
12	Conducting Polymer Membranes and Their Applications. Engineering Materials, 2020, , 147-176.	0.3	7
13	Removal of Rhodamine B dye from aqueous solutions using photo-Fenton processes and novel Ni-Cu@MWCNTs photocatalyst. Journal of Molecular Liquids, 2020, 312, 113399.	2.3	66
14	Synthesis of Co3O4 nanoparticles and their performance towards methyl orange dye removal: Characterisation, adsorption and response surface methodology. Journal of Cleaner Production, 2019, 211, 1141-1153.	4.6	150
15	Adsorptive remediation of Pb(II) from aqueous media using Schleichera oleosa bark. Environmental Technology and Innovation, 2018, 11, 1-14.	3.0	32
16	Statistical analysis of Litchi chinensisâ€™s adsorption behavior toward Cr(VI). Applied Water Science, 2018, 8, 1.	2.8	11
17	The artificial neural network and Box-Behnken design for Cu2+ removal by the pottery sludge from water samples: Equilibrium, kinetic and thermodynamic studies. Journal of Molecular Liquids, 2018, 266, 617-627.	2.3	34
18	A review on the adsorption of heavy metals by clay minerals, with special focus on the past decade. Chemical Engineering Journal, 2017, 308, 438-462.	6.6	1,412

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19	Synthesis and Characterization of Composite Cation-Exchange Material and Its Application in Removing Toxic Pollutants. , 2017, , 297-311.		2
20	A study on the potential applications of rice husk derivatives as useful adsorptive material. Materials Research Foundations, 2017, , 149-186.	0.2	9
21	Adsorption studies of Cd(II) on ball clay: Comparison with other natural clays. Arabian Journal of Chemistry, 2016, 9, S1233-S1241.	2.3	66
22	Removal of Cr(VI) from aqueous solution on seeds ofArtimisia absinthium(novel plant) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	1.0	38
23	Removal of Cd(II) from aqueous solution by exploring the biosorption characteristics of gaozaban (Onosma bracteatum). Journal of Environmental Chemical Engineering, 2014, 2, 1155-1164.	3.3	37
24	Kinetics and isotherm studies of Cd(II) adsorption from aqueous solution utilizing seeds of bottlebrush plant (Callistemon chisholmii). Applied Water Science, 2014, 4, 371-383.	2.8	46
25	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
26	Adsorption Properties of Coriander Seed Powder (Coriandrum Sativum): Extraction and Pre-concentration of Pb(II), Cu(II) and Zn(II) Ions from Aqueous Solution. Adsorption Science and Technology, 2012, 30, 127-146.	1.5	26
27	Removal of Cr(VI) from electroplating wastewater using fruit peel of Leechi (Litchi chinensis). Desalination and Water Treatment, 2012, 49, 136-146.	1.0	51
28	Pottery glazeâ€"An excellent adsorbent for the removal of Cu(II) from aqueous solution. Diqiu Huaxue, 2012, 31, 136-146.	0.5	12
29	A mini update on fluoride adsorption from aqueous medium using clay materials. , 0, 145, 232-248.		31
30	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