Muhammad Shafiq

List of Publications by Year
in descending order

20 papers	510 citations	858243 12 h-index	993246 17 g-index
20 all docs	20 docs citations	20 times ranked	589 citing authors

#	Article	IF	Citations
1	LDH of NiZnFe and its composites with carbon nanotubes and data-palm biochar with efficient adsorption capacity for RB5 dye from aqueous solutions: Isotherm, kinetic, and thermodynamics studies. Current Applied Physics, 2022, 40, 90-100.	1.1	21
2	Nanofibrous membrane of polyacrylonitrile with efficient adsorption capacity for cadmium ions from aqueous solution: Isotherm and kinetic studies. Current Applied Physics, 2022, 40, 101-109.	1.1	7
3	Application of Znâ€“Fe layered double hydroxide and its composites with biochar and carbon nanotubes to the adsorption of lead in a batch system: kinetics and isotherms. Arabian Journal for Science and Engineering, 2022, 47, 5613-5627.	1.7	5
4	Ethylenediaminetetraacetate functionalized MgFe layered double hydroxide/biochar composites for highly efficient adsorptive removal of lead ions from aqueous solutions. PLoS ONE, 2022, 17, e0265024.	1.1	4
5	Kinetic and Isotherm Studies of Ni2+ and Pb2+ Adsorption from Synthetic Wastewater Using Eucalyptus camdulensisâ€”Derived Biochar. Sustainability, 2021, 13, 3785.	1.6	28
6	Successful Application of Eucalyptus Camdulensis Biochar in the Batch Adsorption of Crystal Violet and Methylene Blue Dyes from Aqueous Solution. Sustainability, 2021, 13, 3600.	1.6	43
7	Comparative Removal of Lead and Nickel Ions onto Nanofibrous Sheet of Activated Polyacrylonitrile in Batch Adsorption and Application of Conventional Kinetic and Isotherm Models. Membranes, 2021, 11, 10.	1.4	17
8	Adsorption of Divalent Copper Ions from Synthetic Wastewater Using Layered Double Hydroxides (NiZnFe) and Its Composites with Banana Biochar and Carbon Nanotubes. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	12
9	Comparative study for adsorption of methylene blue dye on biochar derived from orange peel and banana biomass in aqueous solutions. Environmental Monitoring and Assessment, 2019, 191, 735.	1.3	46
10	Comparative Sorption of Nickel from an Aqueous Solution Using Biochar Derived from Banana and Orange Peel Using a Batch System: Kinetic and Isotherm Models. Arabian Journal for Science and Engineering, 2019, 44, 10105-10116.	1.7	6
11	Application of biochar derived from date palm biomass for removal of lead and copper ions in a batch reactor: Kinetics and isotherm scrutiny. Chemical Physics Letters, 2019, 722, 64-73.	1.2	39
12	Application of the biochar derived from orange peel for effective biosorption of copper and cadmium in batch studies: isotherm models and kinetic studies. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	16
13	Synthesis, characterization, and application of date palm leaf waste-derived biochar to remove cadmium and hazardous cationic dyes from synthetic wastewater. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	17
14	Removal of Copper and Lead using Banana Biochar in Batch Adsorption Systems: Isotherms and Kinetic Studies. Arabian Journal for Science and Engineering, 2018, 43, 5711-5722.	1.7	66
15	Nonspontaneous and multilayer adsorption of malachite green dye by Acacia nilotica waste with dominance of physisorption. Water Science and Technology, 2017, 76, 1805-1815.	1.2	18
16	Adsorption of copper (Cu²⁺) from aqueous solution using date palm trunk fibre: isotherms and kinetics. Desalination and Water Treatment, 2016, 57, 22454-22466.	1.0	12
17	Adsorptive Removal of Reactive Black 5 from Wastewater Using Bentonite Clay: Isotherms, Kinetics and Thermodynamics. Sustainability, 2015, 7, 15302-15318.	1.6	133
18	Effective adsorption of methylene blue dye using activated carbon developed from the rosemary plant: isotherms and kinetic studies. , 0, 74, 336-345.		17

#	Article	IF	Citations
19	Lead and copper scavenging from aqueous solutions using Eucalyptus camaldulensis derived activated carbon: equilibrium, kinetics and sorption mechanism. , 0, 158, 187-198.		3
20	Synthesis of a novel EDTA-functionalized nanocomposite of Fe3O4-Eucalyptus camaldulensis green carbon fiber for selective separation of lead ions from synthetic wastewater: isotherm and kinetic studies. Applied Nanoscience (Switzerland), 0, , 1.	1.6	0