

# Abida Kausar

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,571  
citations

516561

16  
h-index

642610

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1859  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dyes adsorption using clay and modified clay: A review. <i>Journal of Molecular Liquids</i> , 2018, 256, 395-407.	2.3	592
2	Preparation and characterization of chitosan/clay composite for direct Rose FRN dye removal from aqueous media: comparison of linear and non-linear regression methods. <i>Journal of Materials Research and Technology</i> , 2019, 8, 1161-1174.	2.6	123
3	By-product identification and phytotoxicity of biodegraded Direct Yellow 4 dye. <i>Chemosphere</i> , 2017, 169, 474-484.	4.2	105
4	Equilibrium, kinetic and thermodynamic studies on the removal of U(VI) by low cost agricultural waste. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 111, 124-133.	2.5	95
5	Development of new organic-inorganic, hybrid bionanocomposite from cellulose and clay for enhanced removal of Drimarine Yellow HF-3GL dye. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 1059-1071.	3.6	84
6	Polypyrrole, polyaniline and sodium alginate biocomposites and adsorption-desorption efficiency for imidacloprid insecticide. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 217-232.	3.6	82
7	Biocomposite of sodium-alginate with acidified clay for wastewater treatment: Kinetic, equilibrium and thermodynamic studies. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 1272-1285.	3.6	80
8	Biocomposites of polypyrrole, polyaniline and sodium alginate with cellulosic biomass: Adsorption-desorption, kinetics and thermodynamic studies for the removal of 2,4-dichlorophenol. <i>International Journal of Biological Macromolecules</i> , 2020, 153, 146-157.	3.6	70
9	Efficient remediation of Zr(IV) using citrus peel waste biomass: Kinetic, equilibrium and thermodynamic studies. <i>Ecological Engineering</i> , 2016, 95, 216-228.	1.6	59
10	A green approach for the removal of Sr(II) from aqueous media: Kinetics, isotherms and thermodynamic studies. <i>Journal of Molecular Liquids</i> , 2018, 257, 164-172.	2.3	51
11	Sodium alginate and polypyrrole composites with algal dead biomass for the adsorption of Congo red dye: Kinetics, thermodynamics and desorption studies. <i>Surfaces and Interfaces</i> , 2021, 25, 101183.	1.5	40
12	Batch versus column modes for the adsorption of radioactive metal onto rice husk waste: conditions optimization through response surface methodology. <i>Water Science and Technology</i> , 2017, 76, 1035-1043.	1.2	38
13	Experimental and theoretical studies of Rhodamine B direct dye sorption onto clay-cellulose composite. <i>Journal of Molecular Liquids</i> , 2021, 328, 115165.	2.3	32
14	Cellulose, clay and sodium alginate composites for the removal of methylene blue dye: Experimental and DFT studies. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 576-585.	3.6	25
15	Re-use of agricultural wastes for the removal and recovery of Zr(IV) from aqueous solutions. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 59, 330-340.	2.7	22
16	Fungal strains isolation, identification and application for the recovery of Zn(II) ions. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 175, 282-290.	1.7	19
17	Cellulosic biomass biocomposites with polyaniline, polypyrrole and sodium alginate: Insecticide adsorption-desorption, equilibrium and kinetics studies. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103227.	2.3	15
18	Sequestering of uranium (VI) onto eucalyptus bark: kinetic, equilibrium and thermodynamic studies. <i>Desalination and Water Treatment</i> , 2016, 57, 14578-14589.	1.0	14

#	ARTICLE	IF	CITATIONS
19	Kinetics, equilibrium and thermodynamics of dyes adsorption onto modified chitosan: a review. Zeitschrift Fur Physikalische Chemie, 2020, .	1.4	7
20	DFT and TDDFT Studies of Non-Fullerene Organometallic Based Acceptors for Organic Photovoltaics. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 1676-1687.	1.9	6
21	Kinetics and Equilibrium of Radioactive Metal Adsorption onto Sugarcane Bagasse Waste: Comparison of Batch and Column Adsorption Modes. Zeitschrift Fur Physikalische Chemie, 2021, 235, 281-294.	1.4	5
22	Kinetics, equilibrium and thermodynamics of dyes adsorption onto modified chitosan: a review. Zeitschrift Fur Physikalische Chemie, 2021, 235, 1499-1538.	1.4	5
23	Prediction of optimum equilibrium and kinetic models for U(VI) sorption onto rice husk: comparison of linear and nonlinear regression methods. Desalination and Water Treatment, 2014, 52, 1495-1503.	1.0	2