Afaq Ahmad Khan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Efficient and highly selective adsorption of cationic dyes and removal of ciprofloxacin antibiotic by surface modified nickel sulfide nanomaterials: Kinetics, isotherm and adsorption mechanism. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 586, 124264.	4.7	122
2	Superadsorbent Ni–Co–S/SDS Nanocomposites for Ultrahigh Removal of Cationic, Anionic Organic Dyes and Toxic Metal Ions: Kinetics, Isotherm and Adsorption Mechanism. ACS Sustainable Chemistry and Engineering, 2019, 7, 4165-4176.	6.7	88
3	Selective removal of anionic dyes with exceptionally high adsorption capacity and removal of dichromate (Cr2O72-) anion using Ni-Co-S/CTAB nanocomposites and its adsorption mechanism. Journal of Hazardous Materials, 2020, 385, 121602.	12.4	79
4	Activated carbon loaded with Ni-Co-S nanoparticle for superior adsorption capacity of antibiotics and dye from wastewater: Kinetics and isotherms. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 611, 125868.	4.7	58
5	Phase Tuned Originated Dual Properties of Cobalt Sulfide Nanostructures as Photocatalyst and Adsorbent for Removal of Dye Pollutants. ACS Applied Nano Materials, 2018, 1, 3474-3485.	5.0	50
6	Surface-Charge-Controlled Synthesis of ZnIn ₂ S ₄ Nanosheet-Based Materials for Selective Adsorption of Organic Dyes. ACS Applied Nano Materials, 2021, 4, 4114-4128.	5.0	22
7	Controlled surface functionalization of Ni-S nanostructures for pH-responsive selective and superior pollutants adsorption. Journal of Hazardous Materials, 2021, 415, 125750.	12.4	15
8	Photoinduced oxygen prompted iron–iron oxide catalyzed clock reaction: a mimic of the blue bottle experiment. New Journal of Chemistry, 2017, 41, 6420-6426.	2.8	12
9	The facile soft-template-morphology-controlled (STMC) synthesis of ZnIn ₂ S ₄ nanostructures and their excellent morphology-dependent adsorption properties. Journal of Materials Chemistry A, 2020, 8, 1986-2000	10.3	12