

Afaq Ahmad Khan

List of Publications by Year in descending order

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9
papers

458
citations

1039406

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docs citations

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times ranked

522
citing authors

| # | 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. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 586, 124264. | 2.3 | 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. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 4165-4176. | 3.2 | 88 |
| 3 | Selective removal of anionic dyes with exceptionally high adsorption capacity and removal of dichromate (Cr ₂ O ₇ ²⁻) anion using Ni-Co-S/CTAB nanocomposites and its adsorption mechanism. <i>Journal of Hazardous Materials</i> , 2020, 385, 121602. | 6.5 | 79 |
| 4 | Activated carbon loaded with Ni-Co-S nanoparticle for superior adsorption capacity of antibiotics and dye from wastewater: Kinetics and isotherms. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 611, 125868. | 2.3 | 58 |
| 5 | Phase Tuned Originated Dual Properties of Cobalt Sulfide Nanostructures as Photocatalyst and Adsorbent for Removal of Dye Pollutants. <i>ACS Applied Nano Materials</i> , 2018, 1, 3474-3485. | 2.4 | 50 |
| 6 | Surface-Charge-Controlled Synthesis of ZnIn ₂ S ₄ Nanosheet-Based Materials for Selective Adsorption of Organic Dyes. <i>ACS Applied Nano Materials</i> , 2021, 4, 4114-4128. | 2.4 | 22 |
| 7 | Controlled surface functionalization of Ni-S nanostructures for pH-responsive selective and superior pollutants adsorption. <i>Journal of Hazardous Materials</i> , 2021, 415, 125750. | 6.5 | 15 |
| 8 | Photoinduced oxygen prompted iron-iron oxide catalyzed clock reaction: a mimic of the blue bottle experiment. <i>New Journal of Chemistry</i> , 2017, 41, 6420-6426. | 1.4 | 12 |
| 9 | The facile soft-template-morphology-controlled (STMC) synthesis of ZnIn ₂ S ₄ nanostructures and their excellent morphology-dependent adsorption properties. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1986-2000. | 5.2 | 12 |