Akash Deb

List of Publications by Year
in descending order

7 papers	287 citations	1684188 5 h-index	2053705 5 g-index
7 all docs	7 docs citations	7 times ranked	269 citing authors

#	Article	IF	Citations
1	Ultrasonic assisted enhanced adsorption of methyl orange dye onto polyaniline impregnated zinc oxide nanoparticles: Kinetic, isotherm and optimization of process parameters. Ultrasonics Sonochemistry, 2019, 54, 290-301.	8.2	117
2	Sono-assisted enhanced adsorption of eriochrome Black-T dye onto a novel polymeric nanocomposite: kinetic, isotherm, and response surface methodology optimization. Journal of Dispersion Science and Technology, 2021, 42, 1579-1592.	2.4	48
3	Application of polyaniline impregnated mixed phase Fe_2O_3, $MnFe_2O_4$ and ZrO_2 nanocomposite for rapid abatement of binary dyes from aqua matrix: response surface optimisation. International Journal of Environmental Analytical Chemistry, 2023, 103, 5938-5956.	3.3	40
4	Ultrasound–aided rapid and enhanced adsorption of anionic dyes from binary dye matrix onto novel hematite/polyaniline nanocomposite: Response surface methodology optimization. Applied Organometallic Chemistry, 2020, 34, e5353.	3.5	34
5	Ultrasonically enhanced dye removal using conducting polymer functionalised ZnO nanocomposite at near neutral pH: kinetic study, isotherm modelling and adsorbent cost analysis. International Journal of Environmental Analytical Chemistry, 2022, 102, 8055-8074.	3.3	22
6	Preparation and characterization of magnetic CaFe2O4 nanoparticles for efficient adsorption of toxic Congo Red dye from aqueous solution: predictive modelling by artificial neural network. , 0, , 197-209.		14
7	Mesoporous Iron-Manganese Magnetic Bimetal Oxide for Efficient Removal of Cr(VI) from Synthetic Aqueous Solution. Applied Mechanics and Materials, 0, 877, 33-38.	0.2	12