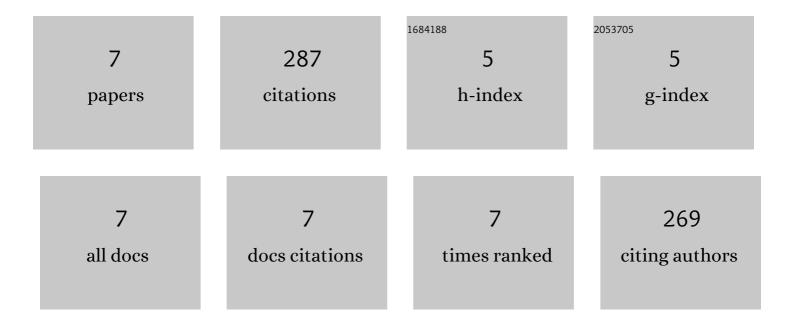
## Akash Deb

List of Publications by Year in descending order

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| # | Article   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Ultrasonic assisted enhanced adsorption of methyl orange dye onto polyaniline impregnated zinc<br>oxide nanoparticles: Kinetic, isotherm and optimization of process parameters. Ultrasonics<br>Sonochemistry, 2019, 54, 290-301.   | 8.2 | 117       |
| 2 | Sono-assisted enhanced adsorption of eriochrome Black-T dye onto a novel polymeric nanocomposite:<br>kinetic, isotherm, and response surface methodology optimization. Journal of Dispersion Science and<br>Technology, 2021, 42, 1579-1592.  | 2.4 | 48        |
| 3 | Application of polyaniline impregnated mixed phase Fe <sub>2</sub> O <sub>3</sub> , MnFe<br><sub>2</sub> O <sub>4</sub> and ZrO <sub>2</sub> nanocomposite for rapid abatement of binary<br>dyes from aqua matrix: response surface optimisation. International Journal of Environmental<br>Analytical Chemistry. 2023. 103. 5938-5956. | 3.3 | 40        |
| 4 | Ultrasoundâ€aided rapid and enhanced adsorption of anionic dyes from binary dye matrix onto novel<br>hematite/polyaniline nanocomposite: Response surface methodology optimization. Applied<br>Organometallic Chemistry, 2020, 34, e5353.   | 3.5 | 34        |
| 5 | Ultrasonically enhanced dye removal using conducting polymer functionalised ZnO nanocomposite<br>at near neutral pH: kinetic study, isotherm modelling and adsorbent cost analysis. International<br>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<br>Aqueous Solution. Applied Mechanics and Materials, 0, 877, 33-38.  | 0.2 | 12        |