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Amit Bhatnagar
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Application of Adsorbents for Water Pollution Control

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About the eBook

This eBook explores knowledge on recent developments in adsorbents synthesis and their use in water pollution control. This handy reference work is intended for researchers and scientists actively engaged in the study of adsorption and the development and application of efficient adsorption technology for water treatment.

Contents

- ▶ Activated Carbon Adsorption for Waste Water Treatment
- ▶ Equilibrium and Kinetic Modeling of Adsorption at Solid/Solution Interfaces
- ▶ Iron Oxide Nanoadsorbents for Removal of Various Pollutants from Wastewater: An Overview
- ▶ Surface Engineered Inorganic Nanomaterials for Water Remediation
- ▶ Layered Double Hydroxides as Potential Sorbents for Water Remediation
- ▶ Mesoporous Silicates for Mitigation of Metal-Ion and Phosphate Pollution in Water
- ▶ Kaolinite: A Cheap Alternative for Industrial and Mining Wastewater Treatment

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