

Graphene-Based Materials as Adsorbents for Wastewater Decontamination

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This book aims to provide a fundamental grasp of graphene-based materials (GAMs) and their adsorption process. The effect of diverse process parameters, including pH, temperature, agitation, competing ions, etc., on the adsorption performance of GAMs as well as their recent and relevant applications in biomedical fields, are discussed. The current challenges and future outlook have been addressed as an independent chapter, and the recyclability of these adsorbent materials has also been covered.