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Valorization of Material Wastes for Environmental, Energetic and Biomedical Applications

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Message from the Guest Editor

The development of materials from industrial wastes has attracted the attention of the research community for years. The physico-chemical characteristics have specific impacts on the material properties and the materials are applied in environmental, energetic and biomedical areas as pollutant removal, CO₂ capture, energy storage, catalytic oxidation and reduction processes, the conversion of biomass to biofuels, and drug delivery. Examples of materials are activated carbons, clays, zeolites, among others. The aim of this Special Issue is to collect the recent advances and progresses developed, considering valorised materials from industrial wastes and their applications in environmental, energetic and biomedical areas.



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Special Issue