Special Issue

Novel Inorganic Adsorbents for Environmental Purification

Message from the Guest Editors

The main subject of interest of many scientific and industrial centers is the preparation of new, modern, and technologically advanced materials that are at the same time low cost, readily available, and effective in operation, while also minimizing the process times. Inorganic compounds, their modification, and composites are one of the most important groups in this area. The release of heavy metals and other pollutants into water and soil as a result of human agricultural and industrial activities can pose a serious threat to the environment and human health. There are many processes for the removal of dissolved heavy metal ions. Recently the emphasis has been put on the use of cheaper alternative materials as potential sorbents for heavy metal removal. Hydroxyapatite, clay, oxides, and their derivatives and composites can be a good choice.

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Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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