Special Issue

Inorganic Sorbents in Water Treatment

Message from the Guest Editors

Inevitably, in the course of production and manufacturing activities, various types of wastes are generated, imposing a potential hazard to the environment. To date, the greatest environmental damage has been associated with wastewater containing toxic organic and inorganic pollutants, rapidly migrating into the environment when generated in large volumes. The sorption method has been widely used to remove toxic components from waste and natural water. The advantages of inorganic sorbents compared to organic ion exchangers are relatively inexpensive mineral raw materials and the toxic compound-free production technology according to the 'green chemistry' principle. Inorganic sorbents play a peculiar role in liquid radioactive waste processing due to their chemical, thermal and radiation stability, as well as offering the possibility of disposing of the exhausted sorbents in a form suitable for long-term safe storage. In this Special Issue, we wish to host original research manuscripts and short reviews covering the latest achievements in:

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Message from the Editor-in-Chief

Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

Editor-in-Chief

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