Special Issue

Innovative Adsorbents for Pollutant Removal: An Overview of Current Research

Message from the Guest Editors

In recent years, many innovative non-conventional adsorbents based on molecular or macromolecular architectures, of natural or synthetic origin, have been proposed to remove environmental pollutants from water and wastewater via liquid-solid adsorption processes. These materials are intended to be chemically more efficient, economically viable, simple to use and regenerate, easy to set up on an industrial site, and more environmentally friendly, while trying to fit in with the principles of green chemistry and the circular economy.

The objective of this Special Issue on "Innovative Adsorbents for Pollutant Removal: An Overview of Current Research" is to review the state of the art and divulge the latest results obtained in the field of non-conventional adsorbents used to remove environmental pollutants. We invite colleagues to contribute with original research papers and critical reviews addressing recent progresses on all aspects of innovative adsorbents for removal of water pollutants: https://www.mdpi.com/journal/molecules/special_issues/Adsorbents_Pollutant_Removal

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As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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