Special Issue

Advances in Nanomaterials and Molecules and Their Applications on Environment Recovery and Release Systems

Message from the Guest Editors

Anthropogenic impacts on the environment are increasingly becoming more catastrophic. Fortunately, nanomaterials and molecular modification developments bring promising prospects for mitigating or zeroing these impacts. This Special Issue seeks to bring together scientific contributions that address the state of the art and push the boundaries forward. All emerging concepts involving environmental recovery assisted by nanomaterials, molecular modification, machine learning, and related subjects are welcome. Review articles and original research papers describing recent findings in advanced materials to environmental recovery applications are expected to cover various topics. Potential topics include, but are not limited to: adsorption of contaminants; AI assisting environmental recovery; detection and extraction of contaminants; natural polymers; sensors; zeolites as contaminant absorbers. We hope that new ideas will promote the fast development of the exciting areas of nanomaterials and molecules useful to environmental recovery applications. We invite you to contribute to this Special Issue by submitting papers on your best research activities.

Guest Editors

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Message from the Editor-in-Chief

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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