

Special Issue

Hybrid Materials for Environmental Application

Message from the Guest Editor

In recent years, the application of hybrid materials in environmental protection has attracted the attention of many scientific groups. Due to the fact that the properties of the organic-inorganic or inorganic-organic composite materials are not just the result of the individual contributions of their components, but also from the strong synergy produced by a hybrid interface, they have found numerous applications in the areas of chemistry, biochemistry, engineering, material science, and environmental protection. As an example, it can find specific areas of interest, including the preparation of high capacity composite materials for the selective removal and recovery of heavy metal ions as well as removal of radionuclides from waters and wastewaters, design of composite materials with controlled pore dimensions for the selective removal of organic contaminants or synthesis of modified nanoporous composite materials for the decomposition of specific pollutants.

It is my pleasure to invite you to submit to this Special Issue research articles and review papers on hybrid materials and their application in the environmental protection.

Guest Editor

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Deadline for manuscript submissions

closed (20 October 2022)



Materials

an Open Access Journal
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Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



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About the Journal

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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