Special Issue

Nanostructured Materials for Health, Environment and Renewable Energy

Message from the Guest Editor

Nanostructured materials have attracted a lot of interest due to their outstanding chemical, physical, and electronic properties compared with those of their bulk counterparts. The aim of this Special Issue is to collect high-quality contributions on the synthesis and modification of nanostructured materials. It will deal with the design of new nanostructures by tuning their morphology, geometry, crystallinity, and interfaces. The relation between these parameters and the physical–chemical properties will also be investigated. New applications in different fields such as health, environment, and renewable energy will additionally be explored. Relevant contributions related to prospective material design, original material properties, and innovative characterization techniques will also be considered.

Guest Editor

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Deadline for manuscript submissions

closed (20 July 2022)

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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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