Special Issue

State-of-the-Art Functional Materials and Nanomaterials in Asia 2021–2022

Message from the Guest Editors

This Special Issue aims to provide a comprehensive overview of state-of-the-art of functional materials and nanomaterials in Asia. We invite research papers that will consolidate our understanding in this area. The Special Issue will publish full research articles and systematic reviews. Potential topics include, but are not limited to, the following research areas:

- Synthesis of nanomaterials through novel methods;
- Design and synthesis of molecular precursors for nanomaterials;
- Colloidal synthesis of 0D nanoparticles (metal, oxides, sulfides, semiconductors, and so on);
- 2D materials, 1D nanofibers, and special nanostructured materials;
- Nanostructured materials or composites for photocatalyst and electrocatalyst;
- Fabrication of nanomaterials-based devices (solar cells, LEDs, batteries, supercapacitors, gas and light sensors, transistors, etc.);
- In situ technology to investigate the reaction mechanism of nanomaterials in potential applications.

Full papers and communications, as well as comprehensive reviews, are welcome. Please feel free to contact me, the guest editor, in case of further questions.

Guest Editors

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Deadline for manuscript submissions

closed (10 October 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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