

Special Issue

Feature Papers for Section Advanced Nanomaterials and Nanotechnology

Message from the Guest Editor

Advanced nanomaterials and modern nanotechnology, in general, play an increasingly important role in solving societal challenges such as the transition to the circular economy, the development of novel computational technologies, in our understanding of molecular biology, and in the advance of (nano)medicine. The Special Issue “Feature papers in Advanced Nanomaterials and Nanotechnology” will collect high-quality original research papers and comprehensive reviews on recent advances in the synthesis, characterization, and application of novel advanced nanomaterials. Potentially interesting topics that are highly welcome include the following:

Dissipative self-assembly and active nanomaterials;
Chiral nanomaterials; Quantum materials;
Nanomedicine; Nanotechnology for catalysis;
Nanotechnology in photonics; 1D and 2D nanomaterials;
Novel liquid crystals and liquid crystal composites;
Responsive and tuneable nanomaterials; Nanosensors
and nanoactuators; Nanomaterials and environment;
Emerging nanotechnologies

Guest Editor

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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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