

Special Issue

Grand Challenges in Materials Science

Message from the Guest Editor

This Special Issue is open to review articles and elaborate commentaries on the grand challenges faced in today's materials science and engineering climate. Subjects of the papers can be diverse, and some of the questions addressable may include the following:

- What are some of the most exciting topics for research where progress is to be expected in the years and decades that follow?
- Which subjects have been most resilient to progress in the recent past, and what strategies may be used to solve these impasses?
- What are some of the outstanding or inconspicuous problems in materials science and how could we solve them by using theoretical or empirical methods?
- How can materials scientists contribute to professional and social equality and welfare using innovative ideas?
- Which interdisciplinary crossings involving materials science should be explored more, and how?
- How can materials science benefit from the adoption of models and ideas originating from arts and humanities?

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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