

Special Issue

Key Materials in Nuclear Reactors

Message from the Guest Editors

This Special Issue on key materials in nuclear reactors will provide a platform on which to share cutting-edge research, exchange ideas, and foster a multidisciplinary dialogue that can lead to breakthroughs in material development, characterization techniques, and applications in the nuclear industry. We cordially invite you to contribute to the Special Issue by presenting your research papers on nuclear materials; the topics of interest include, but are not limited to the following:

- Nuclear reactor materials
- Nuclear fuel cycle and materials
- Radiation effects on materials
- Nuclear waste management and disposal
- Structural integrity and material performance
- Radiation shielding materials
- Nuclear material characterization techniques
- Materials for fusion reactors

Thank you for considering our invitation, and we look forward to welcoming you to this Special Issue on key materials in nuclear reactors.

Guest Editors

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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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