



materials



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State-of-the-Art Materials Science and Engineering in Korea 2022

Guest Editor:

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Deadline for manuscript
submissions:

closed (20 March 2023)

Message from the Guest Editor

Dear colleagues,

Despite a relatively short history of material research in Korea, remarkable accomplishments have been achieved in the various research fields of materials. This Special Issue aims to collect an overview of materials research activities in Korea. Research topics include, but are not limited to:

- Sustainable material solutions to the environmental burdens
- Self-healing materials for engineering applications
- Mechanical, electrical, thermal, or magnetic properties of materials
- Ultra-lightweight and high-strength composites
- Nanotechnology for multifunctional materials
- Innovative materials for 3D printing applications
- Structural applications of high-performance materials

It is my pleasure to invite you to submit manuscripts on the subject “State-of-the-Art Materials Science and Engineering in Korea” for this Special Issue. Full papers, communications, as well as comprehensive reviews are welcome. Please feel free to contact me, the guest editor, in case of further questions.

Prof. Dr. Sukhoon Pyo

Guest Editor



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Special Issue



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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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