

## Special Issue

# Functional Nanomaterials: Structure, Properties, and Applications

### Message from the Guest Editor

The scope of this issue can be expanded from the synthesis and design of functional nanomaterials to their fabrication, property, and application, which would benefit academia and industry as well. Specifically, this Special Issue will focus on functional materials with specific electrical, thermal, magnetic, chemical, or electrochemical properties as a foundation for designing and fabricating new, desired materials enabling high performance energy storage/conversion or electronic devices. Different synthesis procedures, characterization techniques, and applications for these functional materials will be covered, and novel insights can be proposed. Potential topics include but are not limited to:

- Synthesis of nanomaterials
- Organic/inorganic nanocomposite
- Energy storage/conversion materials
- Electronic devices
- Catalysts

It is my pleasure to invite you to submit a manuscript to this Themed Issue to provide an excellent opportunity for publishing your latest advances in the relevant research fields. Submissions of communications, full papers, and reviews are all welcome.

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### Guest Editor

Dr. Hiesang Sohn

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### Deadline for manuscript submissions

closed (20 October 2022)



## Materials

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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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### Editor-in-Chief

Prof. Dr. Maryam Tabrizian

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