

Special Issue

ICM 2024—Advances in Material Innovation

Message from the Guest Editor

This Special Issue is related to the "5th International Conference on Materials—Advances in Material Innovation (ICM 2024)", which will be held in Basel, Switzerland, from September 25 to 27, 2024 (<https://sciforum.net/event/ICM2024>). The goal of this conference is to unite leading scientists, researchers, and industry experts from across the globe, facilitating the exchange of insights into recent advancements made within the fields of Materials Characterization, Processing, and Manufacturing. The focus areas will include the use of Nanotechnology in Material Sciences and Engineering, Optical, Electrical, and Magnetic Materials, Soft, Biological, and Bio-materials, and Fibers, Membranes, and Thin-film Sensing Materials, as well as materials and devices that can be used for energy and solar fuels. Additionally, discussions on the subject of the integration of AI and ML into materials research will be featured. Conference participants, as well as all researchers working in the field, are cordially invited to contribute original research papers or reviews to this Special Issue of *Materials*.

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.

Editor-in-Chief

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