

Special Issue

Smart Materials, Intelligent Structures and Innovative Applications of 3D Printing and Bioprinting Methods

Message from the Guest Editors

The main topics of interest encompass scientific contributions related to the following research areas:

- New types of materials suitable for 3D printing technologies;
- Design of new structures and topological optimization;
- Modeling and simulation of processes or newly developed products;
- Additive manufacturing, 3D printing, and bio-printing methods; Mechanical testing of parts made using 3D printing technologies;
- Material characterization methods for newly developed materials.

It is our pleasure to invite researchers, scientists, surgeons, and professionals from academic institutions and research centers from around the world to submit their contributions to this Special Issue.

Guest Editors

Prof. Dr. Răzvan Păcurar

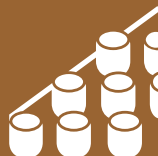
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Deadline for manuscript submissions

closed (20 August 2025)



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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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