

## Special Issue

# Rapid Prototyping, 3D and 4D Printing and Additive Manufacturing for Materials Science

### Message from the Guest Editors

The aim of this Special Issue, entitled “Rapid Prototyping, 3D and 4D Printing and Additive Manufacturing for Materials Science”, is to present studies on the latest achievements and innovative solutions in the area of next-generation advanced materials, intelligent 3D and 4D printing methods, additive and hybrid technologies, rapid prototyping, computer simulations and post-processing methods, supported by adaptive systems based on machine learning and artificial intelligence. Topics of interest for publication include, but are not limited to, the following: - Additive Manufacturing -3D/4D Printing Technologies - Prototyping Technologies -Reverse Engineering - Research Methods, Operation and Reliability of Prototypes -Conventional Manufacturing Technologies - Computer Simulations -Industrial Revolution 4.0/5.0 in Manufacturing and Prototyping Aspects -Metallic Materials—Manufacturing Technologies and Research - Ceramic Materials—Manufacturing Technologies and Research -Polymers Materials—Manufacturing Technologies and Research -Composite Materials in 3D/4D Printing -Hybrid Technologies

### Guest Editors

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### Deadline for manuscript submissions

20 March 2027



## 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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