

Special Issue

Additive Manufacturing Technologies and Its Applications Using Advanced Materials

Message from the Guest Editor

One of the major issues of additive manufacturing (AM) today is the development of novel AM technologies using advanced materials to expand scientific and industrial applications. This Special Issue shall focus on recent works related to additive manufacturing technologies and their applications using advanced materials. Topics can include but are not limited to:

- Additive manufacturing process using advanced materials;
- Post-processing technology of AM parts (including heat treatment and microstructure modification, etc.);
- Application of AM technology to improve functionality of parts;
- Application of AM technology using advanced materials;
- Numerical analysis of additive manufacturing process for metallic and non-metallic materials;
- Review of AM technologies and their applications using advanced materials.

Guest Editor

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Deadline for manuscript submissions

closed (15 April 2022)



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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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