

Special Issue

Design and Application of Additive Manufacturing

Message from the Guest Editor

This Special Issue aims to publish high-level research articles involving design and application of AM, including (but not limited to) innovative design approaches where AM is applied to improve conventional methods or currently used techniques, design and modeling methodologies for specific AM applications, design optimization (also driven by numerical methods such as finite element analysis) for pioneering uses of AM, and innovative design and applications of functionally graded additive manufacturing and 4D printing. The proposals must focus on the design approach and application of AM, with the corresponding material and experimental characterization according to the specific application.

Guest Editor

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Deadline for manuscript submissions

closed (10 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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