Special Issue

Development and Application of 3D Printing Technology in Electromagnetic Devices

Message from the Guest Editor

Composite materials for 3D printing is especially attractive field that leads to the versatile development of AM for the manufacturing of electromagnetic materials with specially designed subwavelength structures designed to exhibit strong coupling with the electrical and magnetic components of the incident electromagnetic wave. Indeed this opens up new possibilities for novel functional structures utilizing the principles of transformation optics, smart microwave devices, and systems possessing metamaterial features. This Special Issue is open for all contributors in the field of the application of additive technologies to electromagnetic materials and devices. We invite submissions of novel and original papers and reviews to this Special Issue from the areas that include, but are not limited to: New materials for 3D printing Advanced 3D-printable composites 3D-printed devices for EM applications 3D printing for transformation optics 3D printed phase-changeable materials AM for acoustic and thermal wave applications

Guest Editor

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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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