

Special Issue

3D Printing and Additive Manufacturing of Polymer and Composites

Message from the Guest Editor

Three-dimensional printing has changed our perception of designing and manufacturing processes, polymers and their composites being the first materials used for additive manufacturing, and despite a variety of materials currently used, today they are the most popular material, forecasted to continue to be at least in the near future. This Special Issue hopes to present high-quality readings related to the research field of polymers and composites used for 3D printing, covering research on the designing, manufacturing, characterization and usage of novel polymers and composites in additive manufacturing. Works concerning polymer and composite-based 3D-printed biomaterials, biodegradable or compostable printing materials, the 3D printing of conductive polymers, tribology of polymer 3D-printed parts and innovative methods for the improvement of the additive manufacturing process are also highly appreciated. As a of this Special Issue “3D Printing and Additive Manufacturing of Polymer and Composites”, I am immensely pleased to invite the submission of manuscripts in the form of original research articles, communication or reviews.

Guest Editor

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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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