Special Issue

Current and Future Trends in Additive Manufacturing

Message from the Guest Editor

Three-dimensional printing, also known as additive manufacturing, provides an unparalleled possibility to create complex and personalized goods for industrial applications. The current Special Issue "Current and Future Trends in Additive Manufacturing" seeks to advance the dynamic landscape of this disruptive technology. It aims to include a complete examination of the most recent developments, problems, and prospects in the subject. The collection of publications will focus on critical topics such as innovative materials and techniques, process optimization, industrial applications, and sustainability issues.

The authors should consider cutting-edge innovations in additive manufacturing, including advancements in metal, polymer, and composite materials, as well as hybrid manufacturing procedures that combine several production methods. Furthermore, the studies should investigate the impact of artificial intelligence and machine learning in optimizing printing processes, improving part performance, and lowering production costs.

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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