Special Issue

Application of Selective Laser Sintering in Biomaterials

Message from the Guest Editor

This Special Issue focuses on the application of selective laser sintering (SLS) in biomaterials. SLS manufacturing is a technique that produces physical models through a selective solidification of a variety of fine powders. SLS technology is currently receiving a great amount of attention in the clinical field. The applications of SLS in tissue engineering, and at large in the biomedical field, will be reviewed and discussed in this Special Issue. The scope is to: (1) summarize the efforts of manufacturing, material design, custom-made prostheses, and scaffold design; (2) discuss the capabilities and limitations of SLS in the biomedical field; (3) propose potential strategies to improve the field of application of biomaterials in SLS processes. The aim of the Special Issue on the application of selective laser sintering (SLS) in biomaterials is to present the latest trends in the application of SLS techniques to healthcare-related areas of research. It is my pleasure to invite you to submit a manuscript to this Special Issue. Full papers, communications, and reviews are all welcome.

Guest Editor

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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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