Special Issue

Multimaterials 3D Printing: Open Challenges and Applications in Personalized Regenerative Medicine

Message from the Guest Editor

The use of additive manufacturing technologies has opened the way to new design routes with all classes of materials. They are particularly promising in the biomaterials field, where they allow producing highly personalized regenerative medicine components. For each of these applications, specific structural and functional properties are requested: how can materials be combined to answer to these specific requests? This Special Issue aims to address the current state of the art of additive manufacturing of multimaterial components. What are the open challenges at the scientific and technological level? Will multimaterials 3D printing be able to open the way to a new generation of highly personalized regenerative medicine? What are the main issues to be solved before industrialization takes place? It is my pleasure to invite all colleagues to submit manuscripts (full papers, reviews, or short notes) in open access to this Special Issue. I also encourage the dissemination of this invitation to any colleagues who might be interested.

Guest Editor

Dr. Lisa Biasetto

Dipartimento di Tecnica e Gestione dei Sistemi Industriali, Università degli Studi di Padova, Padua, Italy

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Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian
1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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