

## Special Issue

# Design and Synthesis of Three-Dimensional Hybrid Organic-Inorganic Structures

### Message from the Guest Editor

Research on Hybrid Organic-Inorganic Structures has been developed for the last decade due to the impact of the new structures on technological development of materials for optoelectronics, luminescence sensors, or medicine materials and biopolymers. In this Special Issue, recent developments within the field of 3D organic-inorganic structures and structural characterization will be presented. Submissions will be welcomed across a broad range of material systems, with the special interest on characterization focusing on fabrication development and novel applications. It is my pleasure to invite you to submit a manuscript to this Special Issue. Full papers, communications and reviews are all welcome. The topics of interest include, but are not limited to:

- 3D inorganic networks
- MOF structures and characteristics
- hybrid layers with designed properties for opto-materials
- crystal engineering
- molecular crystals for luminescence
- inorganic structures for personalized medicine
- precursors for 3D structures
- methods of 3D structures fabrications

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### Guest Editor

Prof. Dr. Edward Sztyk

Faculty of Chemistry, Nicolaus Copernicus University in Torun, 87-100 Torun, Poland

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### Deadline for manuscript submissions

closed (20 May 2022)



## Materials

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*Materials*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[materials@mdpi.com](mailto:materials@mdpi.com)

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### Message from the Editorial Board

*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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### Editors-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

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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