

## Special Issue

# Metal Organic Frameworks: From Materials Design to Emerging Applications

### Message from the Guest Editor

This Special Issue is devoted to Metal-Organic Frameworks (MOFs), which have been an emerging and very vibrant field in modern materials design and synthesis. Currently MOF-5, HKUST-1, ZIF-8, UiO-66, and MIL-101 are often regarded as scientific benchmarks and versatile platforms capturing enormous research efforts for various applications. The aim of current Special Issue is to cover various aspects connected with the design, synthesis, modification, characterisation, and applications of various groups of MOFs and their composites with other materials. Apart from broadly studied potential applications, we would like to encourage demonstration of less common applications of MOF-based systems, e.g., in food, agriculture, or environmental treatment systems. It is our pleasure to invite you to submit manuscripts for this Special Issue, including communications, full papers, and reviews.

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### Guest Editor

Dr. Wojciech Bury

Faculty of Chemistry, University of Wroclaw, Wroclaw, Poland

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### Deadline for manuscript submissions

closed (31 October 2019)



## 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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## 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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### 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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