# Special Issue

# Porphyrins Chemistry in Material Science

## Message from the Guest Editor

Porphyrins, metalloporphyrins, and related macrocycles are important molecules in several fundamental studies and for applications in important fields. Natural and synthetic porphyrins have been studied for more than a century, and their structures were elucidated by the most important chemists who obtained the Nobel prize for their studies. Recently, such macrocycles have been widely used as active receptors in sensors, as catalysts, in photovoltaic scaffolds, in non-linear optics, in photodynamic therapy, etc. Recently, investigations on materials chemistry have considered more such molecules for new exciting studies. This issue in *Materials* aims to focalize the attention of the scientific community involved in searching of new materials on these macrocycles, and we hope that this call will encourage further studies on the properties of this class of molecules.

## Guest Editor

Prof. Dr. Pietro Tagliatesta
Department of Chemical Sciences and Technologies, Tor Vergata University of Rome, Rome, Italy

## Deadline for manuscript submissions

closed (31 August 2021)

**Materials**

**an Open Access Journal by MDPI**

**Impact Factor 3.2**
**CiteScore 7.0**
**Indexed in PubMed**

mdpi.com/si/58593

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

mdpi.com/journal/materials

# Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.0
Indexed in PubMed

mdpi.com/journal/materials

## About the Journal

### 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.

### 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

### Author Benefits

**Open Access:**

free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:**

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

**Journal Rank:**

JCR - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (Condensed Matter Physics)