



Porphyrins Chemistry in Material Science

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)

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.





an Open Access Journal by MDPI

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

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.

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 & Metallurgical Engineering*) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Materials Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)