

Special Issue

Recent Advances in the Chemistry of Halogens

Message from the Guest Editors

The importance of halogens will be illustrated by the presentations at the 10th International Meeting on Halogen Chemistry (Halchem-X), which will be held at the University of Łódź, Poland, September 5–8, 2022, and follows the 20 year-old tradition of the symposia, which are dedicated to this area. This Thematic Issue of *Materials* aims to present the latest works in the research and development in the field of organic and inorganic halogen chemistry. The articles published in this Special Issue will cover various topics, including: halogen-containing substrates in modern organic synthesis, halogenated compounds in polymer and materials chemistry, halogens in medicinally relevant and naturally occurring compounds, halogen-mediated reaction mechanisms, halogen bonding: structural aspects with theoretical calculations, as well as the crystallography and crystal engineering of halogen-containing compounds. We hereby invite and encourage all conference participants and all researchers working with halogen-containing compounds to submit their papers for publication in this Thematic Issue of *Materials*.

Guest Editors

Prof. Dr. Grzegorz Mlostoń

Prof. Dr. Józef Drabowicz

Prof. Dr. Piotr Kiełbasiński

Deadline for manuscript submissions

closed (31 May 2024)



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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.

Editor-in-Chief

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