



Advances in Materials Derived from Polyhedral Boron Clusters

Guest Editor:

Prof. Dr. Piotr Kaszyński

1. Centre of Molecular and Macromolecular Studies, Polish Academy of Sciences, Łódź 90-363, Poland; Department of Chemistry, University of Łódź, 91-403 Łódź, Poland
2. Organic Materials Research Group, Department of Chemistry, Middle Tennessee State University, Murfreesboro, TN 37132, USA

Deadline for manuscript submissions:

closed (31 July 2020)

Message from the Guest Editor

Dear Colleagues,

Molecules is pleased to announce a Special Issue dedicated to materials chemistry of boron clusters. Owing to their unique steric and electronic properties, polyhedral boranes are attractive structural elements for functional materials such as polymers, dendrimers, ionic liquids, liquid crystals that exhibit luminescent, nonlinear optical, electro-optical and redox properties, among the others. Interest in such specifically designed materials is rapidly increasing, as evident from recent literature reports, reviews and books.

This Special Issue of *Molecules* is dedicated to recent advances in synthesis, characterization and application of molecular and polymeric materials containing polyhedral boron clusters.

Prof. Dr. Piotr Kaszyński
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

Contact Us

Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](https://twitter.com/Molecules_MDPI)