Special Issue

Frontiers of Boron Chemistry in 21th Century: From Fundamental Science to Applications - In Memory of Professor M. Frederick Hawthorne

Message from the Guest Editors

This Special Issue serves as a collective summary of the frontiers in boron chemistry emerging in the beginning of the 21th century. Boron chemistry has been growing intensively in the last decades and has found wide application in both academia and in industry, including in the fields of organic synthesis and materials science. Boron compounds increasingly play important roles in materials chemistry due to their unique physico-chemical properties, and thus, boron-containing photoactive products are being developed. Meanwhile, boron-containing compounds have also been used as efficient drugs in the treatment of various diseases, such as brain tumors and anti-inflammation. All researchers who are working in these areas are cordially invited to contribute their original research papers or review articles to this Special Issue of *Molecules*, which will publish the latest research on the construction and evaluation of new drug candidates against various diseases and the identification of novel biological targets and therapeutic methods.

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Deadline for manuscript submissions

closed (31 July 2022)

Molecules

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Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/63109

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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.

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