Special Issue

Polyoxometalates and Polyoxometalate-Based Systems

Message from the Guest Editor

Polyoxometalates are a class of molecules that have fascinated researchers for decades. Despite being first described centuries ago, this type of anionic metal–oxygen clusters continues to represent a highly vibrant research domain because of their unmatched collection of versatile properties. This Special Issue is intended to focus on the most recent advances in polyoxometalate chemistry and polyoxometalate-based systems by covering different aspects from fundamentals (synthetic methods, reactivity, spectroscopic or spectrometric studies, structures, mechanistic insights) to potential applications (redox and acid-base catalysis, photo- and electrochemistry, magnetism, electronics, optics, biomedicine, energy conversion and storage, sorption and separation, environmental remediation). Full papers, communications, and reviews on these topics are welcome.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2019)

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/13274

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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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