

## Special Issue

# Main-Group Small Molecules: Structure and Reactivity

### Message from the Guest Editor

The main-group elements, frequently termed s- and p-block elements in the periodic table, play important roles in chemistry, biology, and materials science. The past decades have witnessed spectacular advances in the computational prediction, synthesis, spectroscopy, structural characterization, and application of main-group compounds ranging from in-situ-generated fleeting species to room-temperature stable compounds. This Special Issue will mainly focus on new experimental and computational results with the main-group chemistry of small molecules, which serve as prototypical models for multiple bonding systems, functionalized clusters and complexes, reactive intermediates in synthesis and catalysis, and biologically-relevant macromolecules. Review articles by experts in the field of main-group chemistry will also be welcome.

### Guest Editor

Prof. Dr. Xiaoping Zeng

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### Deadline for manuscript submissions

closed (31 August 2019)



## Molecules

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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