

Special Issue

Thermodynamics of Organic Materials

Message from the Guest Editors

The molecular thermodynamic approach is a crucial tool to understand why and how organic compounds become organic functional materials. This Special Issue seeks to highlight the path that goes from the molecular understanding of organic compounds to their performance as functional materials. To this end, we will be welcoming contributions addressing the following topics: a) Synthesis and characterization of organic materials; b) Thermodynamic properties as determined by experimental and/or computational methods; c) Rationalization of molecular properties of organic compounds in view of their application in organic semiconductor devices and as functional materials. By bringing together the expertise from complementary areas under a “synthesize/understand/apply” philosophy, this Special Issue builds on the notion that the best guide for successful technology is fundamental knowledge.

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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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