

Special Issue

Advances in Molecular Electric, Magnetic and Optical Properties

Message from the Guest Editor

Recent innovations in the measurement and modeling of the electrical, dielectrical, thermal, magnetic, and optical properties of new and functional molecules have resulted in rapid technological developments and enhanced scientific interest in the field. Small, average and large molecules that are implicated in the modification of the intrinsic properties of solid, liquid, gel and sol exhibit significant applicative potential due to their basic properties. In addition, the spectroscopic characterization of the interactions between apolar, weakly polar and polar molecules has contributed to the development of fluids with multifunctional features. Therefore, this Special Issue welcomes articles that address the properties of molecules, such as their thermal and thermodynamics, as well as those that provide theoretical insights into the field.

Guest Editor

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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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