

Special Issue

Cyanide Chemistry

Message from the Guest Editor

The cyano group is a unique and important building block in organic transformations and is also used as ligands for organometallic chemistry. The versatility of the cyano group allows to convert it a wide variety of compounds as aldehydes, ketones, carboxylic acids, carboxamides, amides and heterocycles. Furthermore, it presents a highly performance for the development of multicomponent reactions. Its importance in these reactions accounts for the diversity of bond-forming processes and the high degrees of chemo-, regio- and stereoselectivity reached in many reported examples.

This Special Issue covers recent advances in the synthesis of organic and organometallic compounds containing the cyano group and its reactivity to provide compounds of interest in domains from biology to materials science. Contributions dealing with the synthesis and reactivity of cyano compounds to afford valuable molecules, the development of new transformations involving this group, as well as theoretical, kinetic, and mechanistic studies are welcome.

Guest Editor

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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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