

Special Issue

Recent Development of Fullerenes and Their Applications

Message from the Guest Editor

Fullerenes have attracted considerable attention due to their unique structure. Fullerene and its derivatives with unique chemical and physical properties have been used broadly not only for medical fields but also for carbon materials in nanotechnology. This Special Issue will focus on recent developments in fullerenes and their applications. In the organic photovoltaics (OPVs) field, fullerene and its derivatives have been explored as excellent n-type semiconductors in solution processable organic electronics. With the continuous production of many fullerene derivatives, the range of potential applications of fullerenes and fullerene derivatives in materials science is becoming broader, such as biomedical applications as potential phototherapeutic agents, water-soluble fullerene derivatives for drug discovery, and so on.

Guest Editor

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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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