Special Issue

Explorations in Luminescent Molecular Materials

Message from the Guest Editor

Luminescent molecular materials are capable of emitting light in the form of fluorescence or phosphorescence upon an external stimulus such as light or heat. These materials have been applied in various fields, such as sensors, molecular imaging, and optoelectronics, among others. These materials can be inorganic or organic and have received significant attention from the scientific community. Organic dyes and conjugated polymers are also important electroluminescent materials that have been associated with biological imaging techniques. This research field is dynamic and many emerging luminescent materials are currently being reported, especially organic perovskite quantum dots (QDs), rare-earth fluoride nanocrystals, and colloidal carbon dots. This Special Issue will be dedicated to original and innovative contributions in this promising field.

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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