

Special Issue

Advanced Luminescent Materials: From Design, Synthesis, Fluorescent Mechanism to Applications

Message from the Guest Editor

The special issue aims to collect paper of recent research on the development and applications of luminescent materials. Luminescent materials have gained significant attention due to their unique optical properties and applications in the fields of sensing, imaging, bioanalytical assays, and optoelectronics. This special issue covers a wide range of topics on the design, synthesis, fluorescent mechanism, and applications of luminescent materials. Original research articles or reviews aimed at the development and characterization of novel luminescent materials for various applications are welcome. Interests for this special issue include (but are not limited to):

- Synthesis and functionalization of luminescent materials
- Development and optimization of luminescent probes for biosensing and imaging
- Understanding the fluorescent mechanism of luminescent materials
- Applications of luminescent materials in areas of energy, environment, medicine, etc.

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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