

Special Issue

Emerging Topics in Luminescent Materials

Message from the Guest Editors

We invite you to contribute to the Special Issue, "Advances in Luminescent Materials and Devices". This issue seeks pioneering research on the fabrication, characterization, and application of luminescent materials, along with efforts to optimize existing systems. We welcome original research articles, review papers, and short communications on a variety of topics, including luminescent material synthesis, structure–property relationships, and their applications in optoelectronic devices (including light-emitting devices, photodetectors, and solar cells), bioimaging, phototherapy and theranostics, photocatalysis, and photovoltaics. This Special Issue aims to capture the latest developments in luminous materials, encompassing both fundamental insights and applied advancements. We encourage submissions addressing challenges in stability, efficiency, and environmental impact. This platform seeks to showcase breakthroughs that will shape the future of optoelectronics, biomedicine, and environmental sensing technologies.

Guest Editors

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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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