



Advances in Chemistry

Special Issue on  
**Organic Luminescent Functional Materials**

# CALL FOR PAPERS

Over the last two decades, organic luminescent materials have received significant attention due to their uses in high-tech applications. These luminescent materials have been used as laser dyes, in dye sensitized solar cells, in optoelectronic devices, and in medical diagnostics, and as sensors. Quantum efficiencies and photostability are important parameters for luminescent compounds as potential candidates for functional materials. Researchers from organic and material chemistry background are attempting various approaches to develop novel luminescent materials having superior luminescent properties over existing luminescent materials.

We invite investigators to contribute original research articles as well as review articles from the field of luminescence chemistry. This special issue covers current and expected challenges along with potential solutions of organic luminescent materials for high-tech applications.

Potential topics include, but are not limited to:

- ▶ Synthesis of luminescent materials (fluorescence, phosphorescence, and luminescence molecules, organic metal complexes, organic fluorophores, and quantum dots)
- ▶ Photophysical properties of organic luminescent materials
- ▶ Application of organic luminescent materials
- ▶ Computational study of organic luminescent materials

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/ac/theoretical.chemistry/olfm/>.

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