Special Issue

Organic Luminescent Materials: Preparation, Properties and Applications

Message from the Guest Editor

Luminescent materials are increasingly attractive, fundamentally for their beauty and intriguing features and practically for their potential applications in devices and probes. Organic luminescent materials have become valuable alternatives to inorganic luminophores, but they are still rare because most organic chromophores suffer a dramatic quenching of their emission when they pass from dilute solutions to concentrated solutions or to solid states. On the other hand, some organic chromophores present different photophysical properties between the dilute solution and the solid state. This Special Issue will be focused on the properties and applications of organic luminescent materials made of small chromophores, especially when taking advantage of the intermolecular/supramolecular interactions present in the solid state. This Special Issue will cover, but is not limited to, the following topics:

- Supramolecular interactions of dyes;
- Aggregation-induced emission and aggregation-induced emission enhancement;
- *J*- and *H*-aggregates;
- Heavy atom effect;
- Excited-state intramolecular proton transfer

Guest Editor

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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