

Special Issue

Light Emitting Devices: From Fundamental Research to Applications

Message from the Guest Editor

The synthesis of luminescent materials has attracted extensive research for multiple applications, including more efficient photovoltaic devices, electro-optical and opto-electronic conversion, as well as light-emitting devices (LED). Nanostructured materials, quantum dots (QDs), thin film multilayers, and even organic-inorganic hybrid composites are some of the alternatives that have been explored to obtain more efficient devices, including for flexible applications. Despite enormous efforts denoted by countless studies published on the development of different luminescent materials, it is still necessary to solve problems as basic as the need for a better understanding of the emission mechanisms to obtain an efficient electroluminescent transformation process. The purpose of this Special Issue is to review and present the latest knowledge on luminescent materials for their application in light-emitting devices. Authors are encouraged to submit original research as well as review articles on the aforementioned subjects.

Guest Editor

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