Special Issue

Advanced Materials for Optical and Luminescence Applications

Message from the Guest Editor

Light-emitting materials open up a range of infinite possibilities for illumination, visualization and sensing technology, etc. LEDs are used in solid-state lighting, and the current global trend is personalized lighting. The management of the luminescent material spectra can be used for indoor lighting, horticulture and industrial and medical applications. The trends of recent years have shown the particular importance of purification with UV-C light to prevent the spread of different viruses. Today, people demand more from technology each and every day, so the development of this Special Issue entitled Advanced Materials for Optical and Luminescence Applications is of great importance. The topics covered in this Special Issue include light-emitting materials for different areas of LED technologies, such as inorganic and organic hosts, activated with rare-earth and transition elements or self-emitting compounds, and the study of their properties, demonstrating the properties in demand.

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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