Special Issue

Luminescent Properties of Advanced Materials

Message from the Guest Editors

The emission of light from materials is a fascinating phenomenon that has captivated scientists for centuries. While luminescent materials have applications in numerous areas, including sensing, biological and medical imaging, lighting, display technologies, anti-counterfeiting, and optical communications, their properties continue to attract the interest of the scientific community. Indeed, the applications of luminescence extend far beyond the optical field, providing information on the physical properties of materials and devices, such as defects, strain, charge carrier recombination, transfer processes, etc. This Special Issue welcomes original research articles and reviews focused on the latest progress in the synthesis, characterization, and application of luminescent materials, including glasses, ceramics, metal/organic frameworks, organic dyes, organic/inorganic hybrids, metals, and semiconductors, with different forms and dimensions. We hope that this issue will serve as a valuable resource for individuals working in this field and inspire new ideas for future research.

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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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