



an Open Access Journal by MDPI

Luminescent Properties of Advanced Materials

Guest Editors:

Dr. Bruno Falcão

CICECO—Aveiro Institute of
Materials, Department of Physics,
University of Aveiro, 3810-193
Aveiro, Portugal

Dr. Pavani Krishnapuram

I3N & Department of Physics,
University of Aveiro, 3810-193
Aveiro, Portugal

Deadline for manuscript
submissions:

closed (20 July 2024)

Message from the Guest Editors

Dear Colleagues,

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)