



Luminescent Materials: Synthesis, Characterization and Applications

Guest Editor:

Dr. Joana Rodrigues

i3N & Department of Physics,
University of Aveiro, 3810-193
Aveiro, Portugal

Deadline for manuscript
submissions:

20 June 2024

Message from the Guest Editor

Luminescent materials have found their way into our daily lives and can be found in virtually all applications. Despite the significant progress achieved in recent decades, the ever-growing demand for advanced luminescent materials poses countless challenges. Luminescent materials encompass a fascinating topic, as attested by their increasing exploitation in fields such as water remediation, photocatalysis, disinfection, biosensing and so on. Advances in modern chemistry and material science have contributed immensely to the development of these materials, providing new ways of tailoring properties. Likewise, the interest in a better understanding of intriguing phenomena such as persistent luminescence or up-conversion processes has also motivated further research on these materials, making it a trending topic in the scientific community.

This Special Issue welcomes original and review papers focused on the synthesis, characterization and applications of luminescent materials, aiming to contribute with a timely overview of the advances in their synthesis/preparation, the fundamental understanding of their properties, and the current and emerging areas.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
X@Applsci