

Special Issue

Luminescent Materials: Synthesis, Characterization and Application

Message from the Guest Editor

This Special Issue focuses on recent progress made in the field of luminescent materials in light of their design, elaboration, and characterization. We warmly encourage you to submit your work to this Special Issue, which intends to become a collection of original research manuscripts or systematic reviews covering all aspects related to the design and development of new luminescent systems with high applicative potential. The topics include but not limited to:

- Functional design and applications of new luminescent materials;
- Synthesis and characterization of low-dimensional luminescent systems (i.e. 0D, 1D, and 2D);
- Inorganic and organic luminescent materials for spectral conversion;
- Luminescent materials for biomedical applications;
- Luminescent systems for physical and chemical sensing.

Guest Editor

Dr. Amalia Mesaros

Physics and Chemistry Department, Center for Superconductivity, Spintronics and Surface Science, Technical University of Cluj-Napoca, 400114 Cluj-Napoca, Romania

Deadline for manuscript submissions

20 June 2026



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/170635

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

mdpi.com/journal/appls





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)