materials

an Open Access Journal by MDPI

IMPACT FACTOR 3.4

Indexed in: PubMed

CITESCORE 5.2

Advances in Phosphors for Light-Emitting Diode

Guest Editor:

Dr. Angela Pirri
Institute of Applied Physics "N. Carrara", IFAC, National Research Council, CNR, 50019 Sesto Florence, Italy

Deadline for manuscript submissions:
closed (20 May 2023)

Message from the Guest Editor

Dear Colleagues,

The quality of our life is strictly related to the quality of the environment where we live. A drastic decrease in pollution by using wise management of energetic sources is mandatory. To achieve this goal, strong economic investments in the development of low-energy consumption devices are necessary. In lighting system fields, this has strongly stimulated the use of LEDs (i.e., Light-Emitting Diodes).

The main goal of this Special Issue is to attract scientific contributions reporting experimental and theoretical studies on converting phosphors for manufacturing LEDs. In particular, I would like to invite scientists to submit manuscripts focused on new materials that exploit less expensive chemical elements, new synthesis methods, studies of photoluminescence mechanisms, spectroscopic measurements, and thermal stability measurements. Reviews are welcomed.

materials

IMPACT FACTOR 3.4 | Indexed in: PubMed | CITESCORE 5.2

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 - Q2 (*Metallurgy & Metallurgical Engineering*) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

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

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

mdpi.com/journal/materials
materials@mdpi.com
𝕏@Materials_Mdpi