Special Issue

Advances in Fluorescent Materials

Message from the Guest Editor

Fluorescent materials are useful in many applications, such as illumination, display, telecommunication, medical diagnosis, security checks, lasers, nuclear fusion, plant cultivation, etc. They play important roles in our daily life, culture and development. More efficient and better thermal stable fluorescent materials are the permanent motivation for investigations. Furthermore, multimode excitation and multicolour emission are also of great interest. The aim of this Special Issue is to focus on the latest developments in fluorescent materials including novel structures, luminescent centers and mechanisms, architectures or frameworks of packaged devices (e.g., LED and OLED), techniques, methods, and applications. We are mainly interested in advanced materials with excellent luminescent properties, but we are also interested in aspects that are useful for material developments such as novel designs for detectors, and unconventional applications are also welcome.

Guest Editor

Dr. Lan Luo
School of Physics and Materials Science, Nanchang University, Nanchang 330001, China

Deadline for manuscript submissions

closed (20 December 2023)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/170691

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

mdpi.com/journal/materials

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/journal/materials

MDPI

About the Journal

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.

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

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 and Metallurgical Engineering) / CiteScore - Q1 (Condensed Matter Physics)