



Nanomaterials Photonics

Guest Editors:

Dr. Raul Rangel-Rojo

Department of Optics, Centro de Investigación Científica y Educación Superior de Ensenada (CICESE), Ensenada 22880, Mexico

Prof. Dr. Luciana R. P. Kassab

Departamento de Ensino Geral, Faculdade de Tecnologia de São Paulo, São Paulo 01124-060, SP, Brazil

Dr. Tiziana Cesca

NanoStructures Group (NSG), Department of Physics and Astronomy, University of Padova, Via Marzolo 8, I-35131 Padova, Italy

Deadline for manuscript submissions:

closed (31 January 2024)



Message from the Guest Editors

Dear Colleagues,

Nowadays, optics, photonics, optoelectronics, and the technologies that have been developed from them permeate many different aspects of modern life. The impact of the continuing research in these areas, including emerging applications in areas such as energy, biotechnology, and medical sciences, where they are providing new imaging techniques, diagnostic procedures, and therapies, is constantly growing. Part of this ever-widening impact has been made possible by the development of novel nanomaterials, allowing the implementation of new functionalities, making the research in the field of photonic nanomaterials a very dynamic one.

For this reason, we have set to produce a Special Issue to provide a forum to disseminate and share research efforts focused on this area, which can include different topics such as material development, energy harvesting devices, imaging, and theranostics systems based on nanomaterials, and all the other research fields that can be included under this broad designation.

We look forward to receiving your contributions!

Dr. Raul Rangel-Rojo
Prof. Dr. Luciana R. P. Kassab
Dr. Tiziana Cesca
Guest Editors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Ai-Qun Liu

1. Department of Electrical and Electronic Engineering, The Hong Kong Polytechnic University, Hong Kong, China
2. School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore 639798, Singapore

Message from the Editor-in-Chief

You are invited to contribute research articles or comprehensive reviews for consideration and publication in *Micromachines* (ISSN 2072-666X). *Micromachines* is published in the open access format. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Micromachines* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We are pleased to welcome you as our authors.

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, dblp, and other databases.

Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Mechanical Engineering*)

Contact Us

Micromachines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/micromachines
micromachines@mdpi.com
[X@micromach_mdpi](https://twitter.com/micromach_mdpi)