Special Issue

Nanomaterials and Nanofabrication for High Resolution Luminescence Array

Message from the Guest Editor

The development of stable and controllable nanoscale, light-emitting materials and luminescence arrays using nanofabrication techniques is urgently needed. We invite authors to contribute to this Special Issue with original research articles and comprehensive review articles covering the most recent progress and newest developments in nanomaterials and nanofabrication related to the field of high-resolution luminescence arrays. This Special Issue aims to cover a broad range of subjects, from fundamental mechanisms, nanomaterials, devices, nanofabrication, and modeling that can help researchers worldwide to understand the latest trends and progress in this research field.

Guest Editor

Prof. Dr. Chaoxing Wu

Fuzhou University and Fujian Science & Technology Innovation Laboratory for Optoelectronic Information of China, Fuzhou, China

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

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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones
School of Geography, Earth and Environmental Science, University of Birmingham, Birmingham B15 2TT, UK

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