# Special Issue

# Application of Nanomaterials in the Next-Generation Display Technologies

## Message from the Guest Editors

Nanomaterials have been extensively explored and developed in various aspects, from material synthesis to new implementations as well as applications. A variety of nanomaterials, including quantum dots, perovskites, functional fiber, porous particles (polymer), boron nitride, graphene, silver nanowires, liquid metals, and other 2D materials, have been instrumental in propelling the advancement of next-generation display technologies. This Special Issue aims to gather recent progress in the application of nanomaterials in next-generation display technologies, including organic light-emitting diode displays, quantum dot light-emitting diode displays, perovskite light-emitting diode displays, micro/mini light-emitting diode displays and flexible displays. We welcome scientific articles and reviews related to this field of nanomaterials and display technologies.

## Guest Editors

Dr. Jiasheng Li

Dr. Zongtao Li

Dr. Guanwei Liang

## Deadline for manuscript submissions

closed (20 August 2024)


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# About the Journal

## 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.

## Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones
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