Special Issue

Metasurfaces and Optical Nanodevices

Message from the Guest Editor

We welcome original research articles and review papers that explore new micro- and nanomanufacturing techniques, cutting-edge optical effects, and metasurface-enabled technologies with industrial potential. Topics of interest include, but are not limited to the following:

- Metamaterials and metasurfaces;
- Optical imaging, display, sensing, encryption, and metrology;
- Optical communication and quantum technologies.

We look forward to receiving your contributions.

Guest Editor

Dr. Hui Yang School of Physics and Electronics, Hunan Normal University, Changsha 410081, China

Deadline for manuscript submissions

10 February 2026



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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 nanometerscale 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 School of Geography, Earth and Environmental Science, University of Birmingham, Birmingham B15 2TT, UK

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