

Special Issue

Control of Light–Matter Interaction at the Nanoscale

Message from the Guest Editors

The interaction of light and matter has been a central element in revolutionizing the science and technology of modern society in an unprecedented way. Thus, the field of the control of interactions between light and matter is of vital importance since it covers important scientific aspects concerning physics, chemistry, and engineering. The Special Issue on the control of light–matter interaction at the nanoscale aims to highlight recent computational and theoretical advancements related to light–matter interaction and its control at the nanoscale in relevant research areas within physics, chemistry, and materials science; however, contributions of novel experimental results are also highly welcome. Manuscripts can be submitted in the following formats: full research papers, communications, and reviews.

Guest Editors

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Dr. Dionisis Stefanatos

Deadline for manuscript submissions

closed (31 December 2023)



Nanomaterials

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Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/167061

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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.

Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones

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