

Special Issue

Recent Advances in Nanoparticles for Perovskite Solar Cells

Message from the Guest Editors

We look forward to receiving your outstanding contributions to accelerate the generation of new knowledge in nanocrystals for perovskite solar cells and to help make substantial advances in the use of perovskite solar cells. This Special Issue welcomes novel contributions on the characterization, synthesis, and application of nanocrystals for single-junction and/or tandem perovskite solar cells. Full papers, short communications, and reviews are welcome. Research areas may include (but are not limited to) the following: synthesis, characterization and integration of perovskite quantum dots; nanocrystal–perovskite hybrids for solar cells; nanoparticles for electron/hole transport layers; perovskite tandem solar cells etc

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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.

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