



## Nanomaterials for Photonic Device and Light–Energy Conversion

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**closed (31 March 2022)**

### Message from the Guest Editors

Dear Colleagues,

Nanomaterials of semiconductors and metals have important applications in a wide range of fields, including optical information, displaying, biosensors, photocatalysis, and solar energy conversion, thanks to their excellent charge transport, tunable light absorption, and highly efficient photon–electron conversion.

The aim of this Special Issue is to collect original research papers and review articles focused on the following issues: (i) the preparation and application of novel perovskite nanocrystals and thin films in solar cells in photodetectors; (ii) the synthesis and application of plasmonic nanometals in photonic devices and spectrography; the synthesis and application of nanosemiconductors with efficient photocharge separation for photocatalysis.

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## Message from the Editor-in-Chief

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