

Special Issue

Optical Functionalization of Nanomaterials

Message from the Guest Editor

Nanomaterials are at the core of many future applications. Their optical functionalization is an important step toward their use in many fields, such as biosensing, photocatalysis, and sensing of magnetic/electric fields in harsh environments. For this Special Issue, we are accepting papers addressing viable routes for nanomaterial synthesis, characterization, and device development. Potential topics include but are not limited to recent advances in the following areas:

- Nanomaterials
- Material synthesis
- Laser ablation
- Optical sensing
- Fluorescence
- Evanescent field sensing
- Biosensing
- Nanodiamonds
- Nitrogen vacancy centers in diamonds
- Quantum dots
- Water splitting
- Photocatalysis
- Space applications of nanomaterials

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2020)



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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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