Special Issue

Laser Induced Nanomaterials

Message from the Guest Editor

This Special Issue of Nanomaterials, “Laser-Induced Nanomaterials”, aims at collecting a compilation of the most recent progress and new developments in the application of lasers for the production of nanomaterials. It focuses on the synthesis, properties, and prospective applications. The topics cover a wide range of research fields and full papers, communications, and reviews are welcomed. Potential topics include, but are not limited to:

- Laser-reduced graphene oxide;
- Laser-induced nanographene aggregates;
- Chemical deposition induced by laser;
- Laser-induced thermocapillarity;
- Laser-assisted formation of nanoparticles;
- Modelling and simulation of laser-induced nanomaterials;
- Laser-induced nanomaterials applications.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2019)

Nanomaterials

an Open Access Journal by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed

mdpi.com/si/22425

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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. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

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