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Nanomaterials Synthesis and Processing in Liquid Phase

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Deadline for manuscript submissions:
closed (30 June 2022)

Message from the Guest Editors

This special issue seeks to showcase research papers and review articles that focus on the nanomaterials synthesis and processing in liquid phase towards various application fields. The synthesis methods could be nanoprecipitation, hydro/solvo-thermal decomposition, micro-emulsion method, phase conversion, liquid phase exfoliation, etc. The processing methods could be surface modification, encapsulation, doping, self-assembly, hydrothermal treatment, liquid phase deposition, etc. The contributions involving application performances are highly welcome.

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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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