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Advances in Nanomaterials' Formation, Characterization and Applications

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Deadline for manuscript
submissions:
closed (10 October 2023)

Message from the Guest Editors

Dear colleagues,

Nanotechnology, which involves the synthesis, characterization, and applications of nano-size materials, has led to recent advancements and billions of dollars of investment. The physicochemical properties of materials in the nano-regime have fascinated researchers in various fields, and nanomaterials have gained immense popularity in fields such as medicine, organic and inorganic chemistry, and biotechnology. Novel nanomaterials are formed through synthetic methods, with the composition, architecture, facet, size, and dimensionality determining their properties and functionalities. Despite the availability of various synthetic routes for nanomaterial preparation, cost-effective and large-scale synthesis of advanced functional nanomaterials with novel properties remains challenging. Therefore, in this Special Issue about '*Advances in Nanomaterials' Formation, Characterization and Applications*', We invite submissions of original research and review articles on innovative synthetic approaches for the preparation of nanomaterials for diverse applications, including use of sustainable and green approaches.



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Special Issue



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Message from the Editor-in-Chief

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