Journal of Nanomaterials

Special Issue on

Colloidal Nanomaterials: Preparations, Physicochemical Characterizations, and Applications

CALL FOR PAPERS

Typically, a colloid is a substance in which microscopically dispersed insoluble particles are suspended in a solvent. Colloid chemistry is able to create hierarchical materials through functionalized colloids. These colloidal materials can have specialized properties with appropriate architecture. Research on colloidal materials is a multidisciplinary field in which new materials are discovered and developed for various applications. Considerable efforts have been devoted to the design and controlled fabrication of colloidal materials in the past decades. This special issue deals with various colloidal structures in the nanometer range.

This journal is an open access journal highlighting the continued growth and new challenges in nanomaterials science, engineering, and nanotechnology, both for application development and for basic research. We invite researchers from both academia and industry to submit their original research papers and review articles to this special issue of this journal on colloidal nanomaterials.

Potential topics include, but are not limited to:

- Polymer colloids
- Inorganic colloids
- Hybrid colloidal materials
- Core-shell structures
- Assembly of colloids
- Surface functionalization and surface coatings

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