Journal of Nanomaterials

Special Issue on

Multifunctional Nanomaterials for Biomedical Engineering: Unique Properties, Fabrications, and Diverse Applications

CALL FOR PAPERS

Nanomaterials have widely emerged in biomedical engineering of science and application due to their unique properties. Especially, if nanomaterials possess versatility for different jobs of biomedical engineering, such as preoperative imaging and intraoperative imaging, their popularity and production value are full of competitiveness. Their related methodologies and instruments are also created or emphasized as the mainstream. Consequently, multifunctional nanomaterials attract interests and attention of researchers, engineers, and businessmen in biomedical engineering. To recognize one nanomaterial as multifunctional, the key is to introduce its practical and excellent properties in biomedical engineering. We invite authors to submit original research and review articles that seek to develop novel multifunctional nanomaterials including related novel methodology or instruments for biomedical engineering. We are interested in articles that explore the diverse properties of the same multifunctional nanomaterials for biomedical engineering.

Potential topics include, but are not limited to:

- Development of novel multifunctional nanomaterials for biomedical engineering, including related novel or improved methodology or instruments
- Development of novel or improved methodology or instruments to increase multifunctions of certain developed nanomaterials
- Development of novel or improved fabrication technology to achieve economic or industrial production of certain developed multifunctional nanomaterials for biomedical engineering
- Theoretical models for the diverse properties of certain developed multifunctional nanomaterials for biomedical engineering
- Complete comparison of the application performances between the selected multifunctional nanomaterials and conventional materials for biomedical engineering

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