



Innovative Nanomaterials in Applied Sciences

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Message from the Guest Editors

With recent progresses in the field of nanomaterial design & synthesis and with the discovery of new material characteristics at nanoscale, nanomaterials have shown a potential with unprecedented growth for its use in next generation healthcare diagnostics, food safety, environment monitoring, energy, security and as potential green materials to tackle climate change. Currently a large number of researchers all around the globe are developing new nanomaterials with exciting applications in the aforementioned sectors. The aim of this Special Issue is to collect reports on design, synthesis and characterization of novel nanomaterials while demonstrating clear applications in the field of applied sciences. Submissions in form of full-length articles, reviews, communications and mini-reviews on nanoscience/technology at the interface of engineering, biology, physics, chemistry and materials are encouraged for submission.

- characterisation of functional nanomaterials;
- nanobiosensors;
- nanocatalysis;
- nanocomposites;
- nano energy;
- nanofabrication;
- nanofluidics;
- nanoparticles;
- nanoscience;
- 2d-nanomaterials





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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