

Special Issue

Application of Machine Learning, Artificial Intelligence, Deep Learning and Big Data Analysis in Nanofluids and Nanoparticles Design

Message from the Guest Editors

Nanofluids and nanoparticles, namely, metal oxide nanoparticles, nanotubes, graphenes, quantum dots, protein nanoparticles, and topological materials. These materials could be widely used in different areas such as drug delivery, biomedical engineering, tissue engineering, heat transfer engineering, fuel engineering, computing, etc. However, there is a great amount of experimentally measured data which are not analyzed and evaluated with new analysis approaches. We propose, therefore, a new Special Issue that covers both experimental methods and novel data analysis approaches for being employed to predict the properties and to evaluate the nanotoxicity of nanomaterials, etc. In this Special Issue, we cordially accept submission of all related studies in the fields of nanotechnology that investigate the problems through either experimental methods or data analysis approaches. **Keywords:** Computational nanosciences; Nanoparticles; Nanotoxicity; Nanomaterials; Machine learning; Artificial intelligence methods; Deep learning; Prediction; Data preparation

Guest Editors

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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.

Editor-in-Chief

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