Special Issue

Heat Transfer and Fluids Properties of Nanofluids

Message from the Guest Editor

Nanofluids have recently emerged as a hot research field, as evidenced by the worldwide research and publication explosion on them. The aim of this Special Issue is to publish a wide range of topics related to nanofluids with special emphasis on thermophysical and heat transfer properties and features, challenges, and applications in all spectra in order make this Special Issue a useful resource for the people involved in this field as well as for the progress of this field. Articles to be considered for this Special Issue include original full papers, communications, and critical reviews in any area/topic of the keywords and beyond. See more information in https://www.mdpi.com/si/54449

Guest Editor

Prof. Dr. S M Sohel Murshed

University of Lisbon (IST), Av. Rovisco Pais 1, 1049-001 Lisbon, Portugal

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Nanomaterials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nanomaterials@mdpi.com

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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones
School of Geography, Earth and Environmental Science, University of Birmingham, Birmingham B15 2TT, UK

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