Special Issue

Transport and Energy Conversion at the Nanoscale and Molecular Scale

Message from the Guest Editors

This Special Issue on "Transport and Energy Conversion at the Nanoscale and Molecular Scale" seeks high-quality work and topics focusing on progress in the development of new methods and mechanisms for probing and understanding charge transport and energy conversion in nano- and molecular-scale devices. The topics of interest will include, but are not limited to, nanoelectronics and molecular electronics, nanoscale thermal transport and conversion, thermoelectricity, nanoscale thermal photovoltaics, nanoplasmonics, batteries, and fuel cells. This Special Issue will publish both original research and review articles. The potential non-exhaustive list of topics to be covered includes:

- Nanoscale heat transfer;
- Molecular electronics;
- Nanoelectronics:
- Nanoscale energy conversion;
- Thermoelectricity;
- Thermochemistry;
- Thermal transport;
- Nanoscale thermal photovoltaics:
- Nanoscale photothermal phenomena:
- Plasmon-driven photochemistry;

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Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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