Special Issue

Self-Assembly of Nanoparticles

Message from the Guest Editor

Nanoparticles has revolutionized micro/nanofabrication prototyping in terms of energy and biomedicine over the past few years. With the recent improvements in battery technologies, highly complex electrodes can be fabricated via cost-effective chemical and physical protocols as a promising alternative to the conventional costly fabrication processes. Nanoparticles have enabled a wide range of energy and biochemistry applications, such as cancer detection, high-throughput drug testing, electrode development, and paint at visible absorption for SARS-CoV-2 inactivation. These nanoparticles enable agile iterative design and facilitate rapid prototyping and applications according their properties. This can make nanoparticle technology more accessible to researchers in various fields, and accelerates innovation in the field of nanoparticles. Accordingly, this Special Issue seeks to showcase research papers, short communications, and review articles that focus on novel methodological developments in nanoparticles and their use for various biochemical and energy applications.

Guest Editor

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