

Special Issue

Advances in Stimuli-Responsive Nanomaterials: 2nd Edition

Message from the Guest Editors

This Special Issue of *Nanomaterials* on “Advances in Stimuli-Responsive Nanomaterials” aims to capture the latest research in the field of smart nanomaterials. The main topic of this new-Special Issue is the same as the previous one, focusing on the research and development of smart stimuli-responsive nanomaterials and functional devices. It welcomes both theoretical and experimental approaches, covering aspects from the design and synthesis of novel nanomaterials or nanocomposites with stimuli-responsive properties, characterization, and analysis of the working principle and regulating mechanism of stimuli-responsive activities or performances and the development of new smart devices based on stimuli-responsive nanomaterials. Both reviews and original research articles are welcome. See more information in <https://www.mdpi.com/si/158226>

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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.

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