

Special Issue

Nanoprobes and Nanoagents for Biomedical Applications

Message from the Guest Editors

Nanomaterials provide great opportunities for early diagnosis and precise therapy of diseases. This Special Issue aims to introduce recent advances and breakthroughs in nanoprobes or nanoagents, highlighting probe fabrication, design methodologies, and applications in the diagnostic and therapeutic field. Current relevant, high-impact topics or directions, as well as perspectives and guidelines, are preferred. It is our pleasure to invite you to submit a manuscript to this Special Issue which provides an excellent opportunity to publish your latest advances in the relevant research fields. Submissions of communications, full papers, mini reviews, and reviews are all welcomed. We look forward to your contributions and fruitful discussions. Research areas may include (but are not limited to) the following: smart activatable nanoprobes for molecular imaging (optical imaging, MRI, etc.); multimodal imaging; advanced nanoagents for theranostics; organic/inorganic functional nanocomposites for cancer therapy; advanced nanomaterials for antibacterial applications. We look forward to receiving your contributions.

Guest Editors

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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. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

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