Special Issue

Advance in Nanothermometry

Message from the Guest Editor

We invite contributors to this special issue “Advance in Nanothermometry” in Nanomaterials to submit their latest research in the field of nanothermometry, performed by any of the multiple techniques developed for this purpose. This accounts for luminescent and non-luminescent thermometers working at these low dimensional scales, including but not limited to organic dyes, QDs, lanthanide thermal probes, scanning thermal microscopy, carbon nanotube thermometry and biomaterials thermometry, to name a few. Also welcome are contributions towards the development multifunctional platforms in which thermometry is a major goal.

Guest Editor

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Deadline for manuscript submissions

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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

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