

Special Issue

Advances in Luminescent Rare-Earth Nanomaterials

Message from the Guest Editor

We are pleased to invite submissions of papers in the area of luminescent rare-earth nanomaterials. This Special Issue aims to present the advances in luminescent rare-earth nanomaterials, thereby expanding their practical applications in various domains. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Preparation of luminescent rare-earth nanomaterials;
- Characterization of luminescent rare-earth nanomaterials;
- Luminescence properties and mechanisms;
- Luminescence modulation;
- Rare-earth nanomaterials-based devices;
- Applications of luminescent rare-earth nanomaterials.

We look forward to receiving your contributions.

Guest Editor

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Deadline for manuscript submissions

closed (5 July 2025)



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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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