



materials



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Synthesis and Application of Advanced Optical and Optoelectronic Functional Materials

Guest Editor:

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Message from the Guest Editor

In recent years, great progress has been made in optical and optoelectronic materials for special applications in next-generation information technology, clean energy, environmental science, biological and medical technology. In particular, there are great demands in light-emitting materials and displays, Si-based optoelectronics, photodetection and imaging, solar energy harvesting, etc. Therefore, this Special Issue is focused on impressive works related to experimental and theoretical advances in luminescence nanomaterials and ceramics, photodetection materials and prototype devices, synthesis of nanomaterials by laser ablation, solar energy utilization, optical control by materials, etc. High-quality manuscripts will be published in the Special Issue after rigorous peer review. We will work hard towards the rapid and wide dissemination of your valuable research results, recent progress, and novel applications in optical and optoelectronic functional materials.



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Message from the Editor-in-Chief

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