



materials



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Design and Application of Optoelectronic Materials

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Optoelectronic materials refer to compounds that go through changes in their chemical/physical properties under the effect of light/electricity. Based on optoelectronic materials, many optoelectronic devices are fabricated with various functions and are the cornerstones of electronics, playing an increasingly important role in the information age.

The Special Issue focuses on optoelectronic materials from design and synthesis to application in field-effect transistors, solar cells, light-emitting diodes, sensors, etc. The scope of the issue covers basic research on optoelectronic materials including synthesis, new properties, processing methods, advanced technologies, and theoretical research, as well as performance improvement and device optimization of the abovementioned devices.

Prof. Dr. Jianwu Shi

Guest Editor



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Message from the Editor-in-Chief

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