



Recent Advances in Crystalline and Ceramic Materials for Laser Optics

Guest Editor:

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Message from the Guest Editor

This Special Issue of *Applied Sciences* on “Recent Advances in Crystalline and Ceramic Materials for Laser Optics” encompasses new trends in the synthesis, processing, characterization, modeling, and application of crystalline and ceramic materials in laser optics. The scope of this Special Issue includes topics such as:

- Synthesis of new laser crystals and transparent ceramics;
- Characterization of laser gain media;
- Characterization of the optical materials;
- Modeling of material performance;
- Synthesis and characterization of magneto-optical materials;
- Fabrication and characterization of electro-optical materials;
- Applications of new laser optics crystals and ceramics;
- Modeling of the performance of the materials in laser systems;
- Testing of the performance of new materials in the laser systems.





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Message from the Editor-in-Chief

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