



## Optoelectronic Materials: Structure, Properties and Applications

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Deadline for manuscript  
submissions:

**closed (10 July 2022)**

### Message from the Guest Editor

Dear Colleagues,

In recent years, optoelectronic materials have attracted considerable interest due to their potential for the development of technological devices. Among optoelectronic components there is a broad range of materials, including organics, inorganics, and hybrids. In this sense, new materials have been intensively studied for their applications, such as light-emitting diodes (LEDs and OLEDs), photo detectors, lasers, solar cells, and optical amplifiers.

The aim of this Special Issue, “Optoelectronic Materials: Structure, Properties and Applications”, is to highlight the latest advances in optoelectronic research. The scope covers the synthesis and structural characterization of materials (organic and inorganic), the study of the electronic and optical properties, and the possible technological applications. The topics of interest for publication include but are not limited to the following:

- Laser technology;
- Nanophotonic materials;
- Nonlinear photonics;
- Optical amplifiers;
- Optoelectro-mechanical systems;
- Optoelectronic devices;
- Optoelectronic materials;
- Optical sensors;
- Photonic applications;
- Ultrafast optoelectronics;
- Color displays





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## Message from the Editor-in-Chief

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