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Novel Optoelectronic Materials

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Message from the Guest Editors

This Special Issue aims to publish recent and appealing theoretical and experimental results in the field of novel materials for optoelectronics. The supporting idea is to provide a wide vision of basic and applied research in material science applied to several fields, such as optoelectronics, photonics, light emission and absorption, photovoltaics, transparent conductors, transparent electronics, nanostructures, medicine, energy, biology, agriculture, water purification or sustainability in general. Indeed, such a broad and interdisciplinary range of topics and applications is one of the most interesting and stimulating aspects of modern material science. Physicists, chemists, engineers, biologists, and other specialists are pushed to work in a team and to interact, facing and solving new scientific and technological challenges. With this goal, we strongly encourage the submission of manuscripts focusing on “new optoelectronic materials” in any area of application, provided that the publication shows new achievements or ideas in this field.



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Special Issue



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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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