

Special Issue

Advances in Photoelectric Materials: Preparation, Characterization, Properties, and Applications

Message from the Guest Editors

The field of photoelectric materials has witnessed tremendous progress in recent years, revolutionizing various technologies and applications, ranging from renewable energy to information storage and sensing platforms. This Special Issue seeks to showcase the latest advancements in photoelectric materials, highlighting innovative strategies employed in material synthesis, functionalization, and characterization. Contributions addressing the fundamental properties of photoelectric materials, especially optical, electrical, and structural properties, are particularly encouraged. Furthermore, studies on novel materials and their potential utilization in areas including photovoltaics, photoelectrochemical devices, optical sensing, and optoelectronics are also welcomed.

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Message from the Editorial Board

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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