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.

Guest Editors

Dr. Anna Starczewska

Institute of Physics—Centre for Science and Education, Silesian University of Technology, Krasińskiego 8, 40-019 Katowice, Poland

Dr. Mirosława K⊠pińska

Institute of Physics—Centre for Science and Education, Silesian University of Technology, Krasińskiego 8, 40-019 Katowice, Poland

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Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

mdpi.com/journal/ materials





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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.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

 Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
 Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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