

Special Issue

Recent Advances in Preparation, Characterization and Application of Green Materials for Sensors and Biosensors

Message from the Guest Editor

Green materials have gained significant attention in recent years due to their minimal environmental impact and potential for a wide range of applications; properties which are essential for improving the modern world. At present, society demands the scientific development of green materials to reduce our environmental impact as much as possible. Thus, the objective of this Special Issue is to explore the preparation, characterization and application of such materials within the field of sensors and biosensors. The aim of this Special Issue is to cover different types of green materials, including, yet not limited to, biopolymers, biomolecules, natural extracts and nanomaterials, examining their applications and exploring their properties and performance through spectroscopy, microscopy, holography, electrochemical analysis, etc. We welcome articles highlighting the advantages of using these eco-friendly materials, such as their reduced environmental impact, cost-effectiveness and improved sensor performance.

Guest Editor

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About the Journal

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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