



materials



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Advances in Multifunctional Materials for the Sustainable Development

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Message from the Guest Editors

Green chemistry has a number of advantages and benefits that not only assist to safeguard the health of our planet and all of us who inhabit it, but it also seeks to strengthen and forge new relationships between academics and industry, enabling businesses to adhere to its principles to be more competitive on the global market. To attain these objectives, an interdisciplinary strategy is required to cover all of the capabilities required, while also considering the potential scale-up of innovative technologies.

This Special Issue is mainly related (but not restricted) to the topic of circular economy and materials, within the Section of Green Materials.

In this regard, we would welcome the submission of papers, reviews, and communications which cover the broadest spectrum of newly greener approaches for the development of greener products, such as polymers, geopolymers, and sol–gel-based materials together with their hybrid and composites that may find application in different sectors, such as blue-growth, construction, cultural heritages, smart and technical fabrics, biomedicine, and environmental sensing and water remediation.



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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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