Special Issue

Novel Green Nanotechnologies Applied in Environmental Protection and Health

Message from the Guest Editors

Nowadays, humanity is facing serious problems due to the environmental pollution. Several tons of plastic or industrial wastes are dumped randomly in nature, polluting waters and soils, thus creating many health problems for people and all living things. To keep the Earth clean, we need to adopt eco-friendly strategies sustaining human and environmental health. Green nanotechnology—the science of the future—can help to prevent future environmental problems and improve the quality of life and well-being. In addition, bioinspiration and biomimetics became new trends in green nanotechnology for the "green" development of multifunctional materials with potential applications in the biomedical field and in environmental protection. This Special Issue kindly invites authors to contribute with original research articles and review papers describing novel green nanotechnologies applied to design eco-friendly materials, by exploiting natural resources and recycling food and vegetal wastes, and converting them into valuable materials with applications in various fields.

Guest Editors

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Deadline for manuscript submissions

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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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