Special Issue

Novel Green Nanotechnologies Applied in Environmental Protection and Health—2nd Edition

Message from the Guest Editors

Humanity is currently facing challenges due to environmental pollution. Several tons of plastic or industrial waste is randomly dumped into the environment, polluting waters and soils and thus creating multiple health issues for all living things. To keep the Earth clean, we need to adopt eco-friendly strategies that sustain human and environmental health. Green nanotechnology—the science of the future—can help in preventing future environmental problems and in improving quality of life and well-being. In addition, bioinspiration and biomimetics have become 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 invites authors to contribute original research articles and review papers that describe novel green nanotechnologies applied in the design of eco-friendly materials, by exploiting natural resources, and recycling food and vegetable wastes and converting them into valuable materials with applications in various fields.

Guest Editors

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Deadline for manuscript submissions

20 August 2025

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/203448

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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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