Special Issue

Featured Developments in Advanced Nanomaterials for Environmental, Microbiology, and Biomedical Applications

Message from the Guest Editors

Advanced nanomaterials have emerged as promising candidates for a wide range of applications, particularly in the fields of environmental science, microbiology, and biomedicine. These materials, typically engineered at the nanoscale, exhibit unique properties that make them highly suitable for addressing complex challenges in these diverse domains. In this Special Issue, we intend to incorporate contributions from leading scientists working with nanoparticles and nanomaterials for (i) biomedical applications, such as drug delivery, proteomics, imaging probes, biomedical sensors, genomics, hyperthermia therapy, and antibacterial applications, and (ii) environmental applications, such as tools for the detection and quantification of drugs, contaminants, fertilizers, antibiotics, toxic metals, etc. Please see more details via the Special Issue link at: https://www.mdpi.com/journal/materials/special_issues/SY7902Z8ZJ

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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