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Smart Materials in Environmental Science

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closed (31 July 2021)

Message from the Guest Editors

Dear Colleagues,

The materials that reversibly respond to stimuli from environments by changing their properties, so-called smart materials, are particularly promising as potential solutions to global environmental issues. Smart Materials in Environmental Science is a Special Issue dedicated to this new class of materials, emphasizing their applications in environmental protection.

For this issue, the following materials are some examples of those considered: Polymers, magnetic materials, adsorbents, nanomaterials applied in diverse fields, membranes, photocatalysts, nano- and mesoporous materials, inorganic polymeric materials (siloxanes, xerogels, geopolymers), thin films, glasses, ceramics, building materials, alloys, coating materials, biopolymers, zeolites and biozeolites, nano-insulation materials, carbon nanotubes, mixed oxides, hydroxyapatite, semiconductors, sensors, etc.

We kindly invite you to submit your research contribution in the form of a research article, communication or review for this 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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