Special Issue

New Insights of Nanocomposite Materials for Photocatalytic Applications

Message from the Guest Editors

We invite you to contribute to this Special Issue of *Materials* entitled “New Insights of Nanocomposite Materials for Photocatalytic Applications ”. Photocatalytic nanocomposite materials have a huge potential to both limit the production of pollutants and to mitigate against the effects of existing environmental contamination. This Special Issue aims to cover recent trends and the latest research advances in the field of thin photocatalytic nanocomposites production, characterization, and application to such aspects as environmental remediation, clean manufacturing, and green energy production. The topics of interest include:

- Photocatalytic nanocomposites for depollution and disinfection;
- Nanocomposite energy storage materials;
- Nanocomposites for H2 production by water splitting;
- Graphene and graphene-based materials;
- Nanocomposites for membranes and filters;
- Nanocomposites for self-cleaning and anti-fouling surfaces;
- New production and characterization techniques of photocatalytic nanocomposites.

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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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