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Applications of Nanomaterials in Environmental Catalysis

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Message from the Guest Editor

Dear Colleagues,

We are living at a time when the environment is suffering from the impact of our domestic and industrial activities. Different organic and inorganic contaminants find their way into the environment, where they accumulate and are finally absorbed into the human body via different routes. Nanomaterials with photocatalytic properties such as semiconductor oxides, sulphides, or plasmonic materials have been extensively studied for their promising ability to promote the generation of radicals that can degrade these contaminants.

This Special Issue focuses on photocatalytic nanomaterials that are used for environmental protection and remediation of contaminants. The scope covers green and chemical routes to the synthesis of photocatalysts and the application of photocatalysts for the removal of different contaminants, both organic and inorganic. New articles and reviews related to these topics are welcome.