



Photocatalysts for Water Treatment Applications

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Message from the Guest Editors

Dear Colleagues,

Removal of pollutants from water is one of the most important topics of our time. Water pollution significantly restricts the access of certain sections of the human population to drinking water. Immediate water pollution problems exist especially in developing countries. Recently, new types of pollutants, such as hormones, drugs, and pesticides, have gained importance as water pollutants though their removal has not yet been satisfactorily addressed. Photocatalytic processes represent one of the most practical and attractive tools for the decontamination of waste water. The photocatalytic decomposition of pollutants is attractive due to its high degradation rates, high efficiency of mineralization and, in general, nontoxicity of final products. The structural arrangement of photoreactors allowing high quantum yields for the long-time operation at a minimum cost is a particular issue.

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Message from the Editor-in-Chief

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