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Photocatalysis for Wastewater Treatment

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Message from the Guest Editors

In recent years, detection of an increasing number of xenobiotics at low concentrations (typically µg/L or ng/L) in aquatic systems constitutes a major concern, as their effect on ecosystems or human health remains uncertain. Examples of those xenobiotics include pharmaceuticals, steroids, hormones, personal care products, antiseptics, surfactants, flame-retardants, industrial additives or gasoline additives, as well as their metabolites or degradation products. Catalytic methods may constitute a greener alternative to face degradation of these contaminants.

The use of environmentally-friendly reagents and catalysts, together with solar energy as an abundant and renewable energy resource is the basis of photocatalysis. This combination of catalysis and light has deserved recently the attention of researchers as a highly appealing alternative for wastewater treatment and constitutes the topic of the present Special Issue.

Prof. Dr. Miguel A. Miranda
Prof. Dr. M. Luisa Marin
Guest Editors

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Message from the Editor-in-Chief

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