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Hydrogen Production from Organic Waste Water Electro-oxidation Processes

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Deadline for manuscript submissions:
closed (30 November 2022)

Message from the Guest Editors

Dear colleagues,

Hydrogen production by electrooxidation processes is increasingly playing a decisive role in renewable energy storage and use, as a clean energy source. Here, organic waste water appears as a source of hydrogen at room temperature at a reduced cost compared to current hydrogen generation treatments that require high temperature and have significant costs.

The use of organic waste water as a source of hydrogen arises from the difficulties of the treatment of the abundant organic wastes, either industrial, farming, food processing, or domestic. In addition, hydrogen generation is increasingly important on account of its multiple applications as a clean energy vector.

This Special Issue aims to contribute to the demonstration of the possibilities and costs of waste water electrolysis processes for hydrogen generation and simultaneous organic pollutants reduction at ambience temperature. We invite you to submit papers on innovative technical developments, reviews, and case studies relevant for hydrogen generation from waste water electro-oxidation processes.

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Message from the Editor-in-Chief

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