

Special Issue

Hydrogen Production from Organic Waste Water Electro-oxidation Processes

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.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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