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Biological Hydrogen Production from Organic Wastes

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Message from the Guest Editors

As a clean and renewable green energy, hydrogen is widely considered as an excellent substitute for fossil fuels. Biological hydrogen production is one of the best ways to obtain hydrogen gas. Large numbers of organic wastes in nature and human society provide abundant raw materials for biological hydrogen production, but the application of organic wastes in biological hydrogen production still faces great challenges, and there is a lack of systematic and in-depth research on either its theoretical basis or practical application. More innovative organic waste-derived bio-hydrogen production technologies are expected.

This Special Issue will collect relevant studies using organic waste that provide the latest research results of biological hydrogen production, and the topic includes the following aspects of content: biological hydrogen production, organic waste bioconversion, hydrogen-producing microbes, cell-free multi-enzyme catalysis process, microbial electrochemical process. As an important reference of related research in this field, your article will play an important role in the development of new types of biological hydrogen production technology.



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Special Issue



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Message from the Editor-in-Chief

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