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Bioprocessing Technologies for Biofuel Production

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Message from the Guest Editors

The rapid depletion of fossil fuel and environmental pollution have urged society in exploring a substitution to ensure the consistent energy supply for a huge demand due to the increasing population worldwide and greener future. The discovery of biofuel, which originates from renewable sources is of utmost importance in solving the current issue faced through various bioprocessing technologies. As biofuel is producible from waste and biomass, the utilisation of these materials is encouraged for their abundance as compared to fossil fuels. With the advancement and development of this area, the potential for enlightening the environmental burden and securing energy supply is increasing.

This Special Issue seeks to disseminate and communicate the most recent advances in the field of renewable technologies, energy efficiency, biotransformation of waste into biofuels/bioenergy, biorefineries and low carbon technology. The aim is to provide a platform to share innovative concepts, ideas, and solutions in dealing with the challenges of high energy demand while marching to a sustainable future with minimum environmental impacts produced from the energy sector.



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Special Issue



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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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