Special Issue

Microbial Fuel Cells, 3rd Edition

Message from the Guest Editor

Microbial fuel cells (MFCs) are innovative bio-electrochemical devices that possess considerable potential in treating wastewater, degrading organic pollutants, removing toxic heavy metals, and recovering nutrients, while simultaneously generating electric power using electrochemically active bacteria (EAB). While fundamental applications of MFCs are treatment of wastewater and production of electricity, various forms of MFCs, such as algae-assisted MFCs, plant/photosynthetic MFCs, wetland MFCs, and hydroponics MFCs, have emerged over the years. This Special Issue will focus on recent advancements of MFC technologies that contribute to renewable energy, resource recovery, low carbon footprint, and sustainability.

Guest Editor

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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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