



energies



an Open Access Journal by MDPI

Recent Advancements in Microbial Fuel Cells

Guest Editor:

Prof. Dr. Arun Alagarsamy

Department of Microbiology,
Alagappa University, Karaikudi
630 003, India

Deadline for manuscript
submissions:

closed (31 August 2023)

Message from the Guest Editor

Dear Colleagues,

The increasing environmental pollution, combined with the depletion of fossil fuels, necessitates the development of crucial energy solutions.

The MFC system is a developing technology, and researchers are working on improving many aspects of the system, from finding lower-cost materials and identifying the most effective microbes for the application.

Technologies based on electroactive microorganisms are still in a nascent stage, but as advances in materials development and our scientific discoveries of methods of electron transfer continue, it can be anticipated that the existing MFC technology can be further refined for new applications. The various factors and operating parameters must be technically evaluated in MFC for enhanced bioelectricity production.

Against this background, the present Special Issue is intended to gather a collection of research articles on “Recent Advancements in Microbial Fuel Cells”. Considering your expertise in this research field, I am pleased to invite you to contribute your manuscript (review/research article) to our Special Issue.



mdpi.com/si/113772

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (*Engineering (miscellaneous)*)

Contact Us

Energies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://x.com/energies_mdpi)