# Biotechnology for Biofuels and Bioproducts

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**Commercial publisher :** BMC - BioMed Central (United Kingdom)

**Journal's website :** <https://biotechnologyforbiofuels.biomedcentral.com/>
**Information for authors :** <https://biotechnologyforbiofuels.biomedcentral.com/submission-guidelines>

**Présentation de la revue**
**Original language :**

*Biotechnology for Biofuels and Bioproducts* is an open access peer-reviewed journal featuring studies describing advancements in fundamental understanding, technological capabilities, and technoeconomic & life cycle assessment of the production of biofuels, biochemicals and biomaterials.

The journal emphasizes understanding and advancing the application of biotechnology, bioengineering, and genetics to improve plant, algae, and other carbonaceous feedstocks, as well as devised conversion systems. Their improvement is of critical relevance to the biological production of biofuels, biochemicals, and biomaterials derived from plant or aquatic biomass, intermediates derived from biomass, or CO2.

*Biotechnology for Biofuelsand Bioproducts*focuses on the following areas:

* Anaerobic digestion of waste
* Bacterial and fungal/yeast genetics, physiology, and metabolic engineering
* Biohydrogen and bioelectricity (fuel cells)
* Biological and chemical upgrading of biomass sugars, lignins and other biomass-derived intermediates
* Biomass pretreatment, fractionation, and extraction
* Bioprocess integration, biohybrid processes and technoeconomic analysis
* Cell free and immobilized enzyme processes
* Development of terrestrial plant and algal feedstocks
* Enzyme engineering, production, and analysis
* Fermentation, biocatalytic conversion, and reaction dynamics
* Life cycle assessment and environmental impact analysis

**Topics :**
Non-food products, biofuels
Waste and recycling
Genetics, biotech., mol. biol.: multidiscip.
Physics, chemistry

**Open access :** Full open access

**Languages :** English

**Journal reputation :**
Peer-reviewed with SCImago Journal Rank (SJR)
Peer-reviewed with Impact Factor (IF)

**Informations générales**
**Former title :** Biotechnology for Biofuels
**Abbreviated title (ISO) :** Biotechnol. Biofuels Bioprod.
**ISSN :** 2731-3654 (ISSN-L); 2731-3654 (ISSN-Electronic)
**Frequency :** Continual
**Additional information :**

*Biotechnology for Biofuels* *and Bioproducts* welcomes Methodology articles and these are often highly cited. Methodologies should present a new experimental or computational method, test or procedure.

**Article types :** Research articles, Reviews

**Publishing costs :** Yes
**Total publishing costs :** 2390 € (updated 22/02/2024)

**Données de la recherche**
**Research data access policy :** Deposit recommended
**Data repositories recommended by the journal :** <https://www.springernature.com/gp/authors/research-data-policy/recommended-repositories>

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