# Biotechnology for Biofuels and Bioproducts

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**Editeur commercial :** BMC - BioMed Central (Royaume-Uni)

**Site Web :** <https://biotechnologyforbiofuels.biomedcentral.com/>
**Informations aux auteurs :** <https://biotechnologyforbiofuels.biomedcentral.com/submission-guidelines>

**Présentation de la revue**
**Langue originale :**

*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

**Thèmes :**
Produits non aliment., biocarburants
Déchets et recyclages
Génétique, biotech., biol. mol. : multidiscip.
Physique, chimie

**Libre accès :** Libre accès total

**Langues :** Anglais

**Notoriété :**
A Comité de lecture avec SCImago Journal Rank (SJR)
A Comité de lecture avec Facteur d'impact (FI)

**Informations générales**
**Ancien titre :** Biotechnology for Biofuels
**Titre abrégé (ISO) :** Biotechnol. Biofuels Bioprod.
**ISSN :** 2731-3654 (ISSN-L); 2731-3654 (Electronique)
**Périodicité :** Continue
**Informations complémentaires :**

*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.

**Types d'articles :** Articles de recherche, Articles de synthèse

**Frais de publication :** Oui
**Montant des frais de publication :** 2390 € (mise à jour le 22/02/2024)

**Données de la recherche**
**Politique d'accès aux données de la recherche :** Dépôt recommandé
**Entrepôts de données recommandés par la revue :** <https://www.springernature.com/gp/authors/research-data-policy/recommended-repositories>

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