

# Biofuel Research Journal

## Aims and Scope

**Biofuel Research Journal (BRJ)** is an open access online journal and completely free-of-charge publishes original articles, review articles, case studies, and short communications on the fundamentals, applications, processing, and management of biofuels technologies.

The journal's aim is to advance and disseminate knowledge in all the biofuel-related areas of biodiesel, bioethanol, biobutanol, biogas, biomass, algae, bioreactions, bioreactors, membrane-bioreactors, fermentation, biorefinery (e.g. membrane separation technology), bioprocess, applied microbiology, combustion, and bioresource technologies associated with conversion or production of biofuels. Moreover, novel and integrated biofuels processing and hybrid systems as well as energy audit for biofuels production plants are of interest. The journal also seeks to publish articles with a focus on promotion of biofuels applications in the developing world for indigenous development.

BRJ calls for papers that cover the following fields:

**Biofuels: biodiesel, bioethanol, biobutanol, biogas, and etc; biofuels production, modeling and economics**

**Bioprocesses and bioproducts:**

Bioreactions, biocatalysis, bioreactors, membrane-bioreactors, modeling and optimization, scale-up, supercritical technology, ionic liquids, and fermentations

**Biomass and feedstock utilization:**

Bioconversion of agro-industrial residues

**Biorefinery: membrane separation technology, adsorption, solvent-extraction, etc.**

**Environmental protection:**

Simultaneous biological waste treatment and biofuels production, clean development mechanism

**Thermochemical conversion of biomass:**

Combustion, pyrolysis, gasification, catalysis

**Algal biofuels and energy crops including energy crops genetic engineering**

BRJ also covers the following fields:

- Process scale-up and economic analysis
- Process integration and zero discharge strategies
- Resource recovery
- Water-energy balance improvements
- Energy audit for biofuels production plants
- Biofuel applications in the developing world for indigenous development

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