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

The journal's aim is to advance and disseminate knowledge in all the areas related to biofuels and bioproducts. Those include biodiesel, bioethanol, biobutanol, biogas, biomass, algae, biofuels, bioreactors, membrane-bioreactors, fermentation, bioenergy (e.g. membrane separation technology), bioprocesses, applied microbiology, combustion, and biorenewable technologies associated with conversion or production of biofuels and bioproducts. Moreover, novel and integrated biofuel/bioproduct processing and hybrid systems as well as energy audit for biofuel/bioproduct production plants are of interest. The journal also seeks to publish articles with a focus on the application of artificial photosynthesis for production of biofuels and bioproducts, carbon footprint analysis, strategies for limiting greenhouse gas (GHG) emissions, life cycle assessment (LCA) and exergy analysis of biofuel/bioproduct standards (such as PAS 2050:2011 and ISO 14040:2006), technoeconomic analysis of biofuel/bioproduct production/application impacts of production/consumption of biofuels/bioproducts on climate change, futuristic pathways for production of biofuels/bioproducts, and promotion of biofuel/bioproduct applications in the developing world for indigenous development.

BRJ calls for papers that cover the following fields:

**Bioproducts (including biocomposites and bio-based smart materials)**

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- **Biorefinery:** Membrane separation technology, adsorption, solvent-extraction, etc.
- **Environmental protection:** Simultaneous biological waste treatment and biofuels/bioproducts production, clean development mechanism.
- **Thermochemical conversion of biomass:** Combustion, pyrolysis, gasification, catalysis.
- **Algal biofuels and energy crops including energy crops genetic engineering**
- **Application of artificial photosynthesis for biofuels/bioproducts production**
- **Carbon foot-printing analysis and strategies for limiting greenhouse gas (GHG) emissions:** Life cycle assessment (LCA) analysis of biofuels/bioproducts production/application pathways and compliance with the international standards (such as PAS 2050:2011 and ISO 14040:2006).
- **Exergy analysis of production/application pathways of biofuels/bioproducts**
- **Technoeconomic analysis of production/application of biofuels/bioproducts**
- **Impacts of production and consumption of biofuels/bioproducts on climate change**
- **Futuristic pathways for biofuels/bioproducts production**

**Applications of biofuels/bioproducts in the developing world for indigenous development**

BRJ also covers the following fields:

- Process scale-up and economic analysis
- Process integration and zero discharge strategies
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- Biofuels & bioproducts in circular economy
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