

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, bioreactions, bioreactors, membrane-bioreactors, fermentation, biorefinery (e.g. membrane separation technology), bioprocesses, applied microbiology, combustion, and bioresource 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 production/application pathways, compliance with the international 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

Biofuels: biodiesel, bioethanol, biobutanol, biogas, etc.

Biofuels/bioproducts 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/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
- Resource recovery
- Water-energy balance improvements
- Energy audit for biofuels/bioproducts production plants
- Biofuels & bioproducts in circular economy
- Biofuels & bioproducts finance

Editor-in-Chief

Assoc. Professor Meisam Tabatabaei, Biofuel Research Team (BRTeam), Universiti Malaysia Terengganu, Terengganu, Malaysia, Tel: +60 9 6684100

E-mail: meisam.tabatabaei@umt.edu.my

International Advisory Board Members

Professor Yusuf Chisti, School of Engineering, Massey University, Private Bag 11222, Palmerston North, New Zealand, Tel: +64 6 350 5934, E-mail: y.chisti@massey.ac.nz

Professor Ahmad Fauzi Ismail, Advanced Membrane Technology Research Centre (AMTEC), Universiti Teknologi Malaysia 81310, Skudai, Johor, Malaysia, Tel: +60 7 553 5592, E-mail: afauzi@utm.my

Professor Seeram Ramakrishna, Mechanical Engineering Department, National University of Singapore (NUS), Singapore, Tel: +65 6516 2216, E-mail: seeram@nus.edu.sg

Professor Solange I. Mussatto, Novo Nordisk Foundation Center for Biosustainability, Technical University of Denmark, Denmark, Tel.: +45 93511891, E-mail: smussatto@biosustain.dtu.dk

Editorial Board Members

Aghbashlo, Mortaza

University of Tehran, Iran

Allakhverdiev, Suleyman

Institute of Plant Physiology, Russian Academy of Sciences, Russia

Bux, Faizal

Durban University of Technology, South Africa

Carlucci, Antonio Paolo

University of Salento, Italy

Demirbas, Ayhan

King Abdulaziz University, Saudi Arabia

Faaij, Andre

University of Groningen, The Netherlands

Hubbe, Martin A.

NC State University, NC, USA

Karimi, Keikhosro

Isfahan University of Technology (IUT), Iran

Keat Teong, Lee

Universiti Sains Malaysia (USM), Malaysia

Kennes, Christian

Universidade da Coruña, Spain

Kumar, Rajeev

University of California, Riverside (UCR), CA, USA

Kumar Gupta, Vijai

Tallinn University of Technology (TalTech), Estonia

Lane, Nick

University College London, UK

Lee, Duu-Jong

National Taiwan University of Science and Technology (NTUST), Taiwan

Luque, Rafael

Universidad de Córdoba, Spain

Matsuura, Takeshi

University of Ottawa, Canada

Montgomery, Hugh

University College London, UK

Najafpour, Mohammad Mahdi

Institute for Advanced Studies in Basic Sciences, Iran

Pandey, Ashok

CSIR-National Institute for Interdisciplinary Science and Technology, India

Pant, Deepak

VITO-Flemish Institute for Technological Research, Belgium

Ruiz, Héctor A.

Autonomous University of Coahuila, Mexico

Singhania, Reeta Rani

Center for Advanced Bioenergy Research, IOCL R & D Faridabad, India

Taherzadeh, Mohammad J

University of Borås, Borås, Sweden

Van Loosdrecht, Mark

Delft University of Technology, The Netherlands

Wang, Yong

Washington State University, USA

Watts, Nick

University College London, UK

Yang, Yi

University of Minnesota, USA

Publication Policy

Biofuel Research Journal (ISSN 2292-8782). Articles published in *Biofuel Research Journal* are published at no processing charge and will be Open-Access articles distributed completely free-of-charge under the terms and conditions of the Creative Commons Attribution License.

Claims and journal enquiries: please contact the **Editorial Office** (Managing Editors: Marzieh Shafiei or Benyamin Khoshnevisan) (China Office: Junting Pan) at editorial@biofueljournal.com.