

Special Issue

Advances in Green Eco-friendly Lubricants

Message from the Guest Editor

Use of lubricants is one of the main ways to reduce friction and wear in many man-run processes. Today, dwindling petroleum-based lubricants are still the dominant lubricants materials. Because of this, they are also some of the main contributors of the hazardous footprints on the earth. The impacts will continue to increase and become irreversible if nothing is done. In response, one of the current directions of tribology research is to develop green renewable biodegradable lubricants (i.e. aqueous and plant-based oils). This Special Issue aims to present advances and future trends/directions of aqueous (water-based) and plant-oil-based lubricants research addressing knowledge gaps and the practical limitations.

Guest Editor

Prof. Dr. Buyung Kosasih

School of Mechanical, Materials, Mechatronic and Biomedical Engineering, Faculty of Engineering and Information Sciences, University of Wollongong, Wollongong, NSW 2522, Australia

Deadline for manuscript submissions

closed (30 September 2020)



Lubricants

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 3.6



mdpi.com/si/41127

Lubricants
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
lubricants@mdpi.com

[mdpi.com/journal/
lubricants](https://mdpi.com/journal/lubricants)





Lubricants

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 3.6



[mdpi.com/journal/
lubricants](https://mdpi.com/journal/lubricants)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Homer Rahnejat
School of Engineering, University of Central Lancashire, Preston PR1
2HE, UK

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec,
CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Mechanical) / CiteScore - Q2
(Mechanical Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 16.7 days after
submission; acceptance to publication is undertaken in 2.9
days (median values for papers published in this journal in
the first half of 2024).