Special Issue

Advances in Polymer Tribology

Message from the Guest Editors

Over the past decades, polymer solutions have been proven successful for many tribological applications, especially under dry sliding conditions thanks to their self-lubricating behaviour. Nevertheless, ever-increasing stringent demands in new applications require overcoming new challenges by properly designing and fabricating polymer components with desired tribological performance, especially under harsh environmental conditions such as erosion, corrosion and high temperature. In view of the importance of polymer tribology in innovation and technological development, this Special Issue aims at offering a major and critical dissemination of the state-of-the-art progresses on polymer tribology. Both theoretical and practical aspects of the polymer tribology research findings are welcome. We are looking forward to receiving your contribution. Topics of interest generally include (but not limited to):

- Polymer tribology
- films
- Coatings
- Erosion
- Wear
- Extreme sliding

Dr. Janet Wong

Guest Editors

Dr. Li Chang

Dr. Janet Wong

Prof. Dr. Hung-Jue Sue

Deadline for manuscript submissions

closed (30 September 2018)

Lubricants

an Open Access Journal by MDPI

Impact Factor 2.9
CiteScore 4.5

mdpi.com/si/14843

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

mdpi.com/journal/lubricants

Lubricants

an Open Access Journal by MDPI

Impact Factor 2.9
CiteScore 4.5

mdpi.com/journal/lubricants

About the Journal

Message from the Editor-in-Chief

Friction, wear, and lubrication are tribological phenomena that govern the behavior of interacting surfaces in a wide range of machine components. Understanding the physical and chemical nature of these phenomena is critical to achieving long component lifetime and economical operation. Research in the field of tribology is highly interdisciplinary, and encompasses the fields of physics, chemistry, engineering, and mathematical modeling. *Lubricants* invites contributions on new advances in all areas of tribology for publication as peer-reviewed research articles, reviews of current research, letters, and communications. We are committed to providing timely reviews of all articles submitted. Please consider sharing your work with the scientific community through publication in *Lubricants.*

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), Ei Compendex, 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 14.8 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).

MDPI