

Special Issue

Intelligent Algorithms for Triboinformatics

Message from the Guest Editor

Ever since the term "tribology" was introduced in 1966, this field has evolved and given rise to various new domains of study, including nanotribology, biotribology, ecotribology, biomimetic tribology, and more. However, a significant challenge in the realm of surface engineering and tribology persists. While there exists a wealth of data concerning the surface characteristics of diverse materials, systems, and engineering components, this interdisciplinary field heavily relies on empirical methods. Despite numerous attempts to formulate tribological laws and rules, the discipline often lacks derivation from physical or chemical first principles. Consequently, tribology remains a data-driven inductive science.

Guest Editor

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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

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