

Special Issue

Nature-Inspired Materials and Surfaces for Tribo-Applications

Message from the Guest Editor

It is my pleasure to invite you to publish your recent thoughts and discoveries about nature-inspired materials or surfaces and how they can be used in tribo-applications to improve sustainability. Papers concerning all aspects of tribology, from mining to biomedical or even aerospace applications, are welcomed. We are particularly interested in the description of new approaches to increase the lifetime of parts, the efficiency of processes and/or, for example, the perception and comfort of the human when using healthcare or lifestyle products. Approaches to change functionality and control (minimize, maximize, stabilize or even adapt) friction forces are expected. It is of interest to hear about new production methods (for example, additive manufacturing) to enable the production of materials and surfaces with suitable topography or textures that require minimal or no post-processing.

Guest Editor

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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