Special Issue

Research on Tribological Properties of Materials and Coatings

Message from the Guest Editors

Mankind is facing many challenges. Environmental protection appears to be the most critical and can be realized through energy conservation. The key element in preserving energy may increase the efficiency of machines and devices, for example, by decreasing friction. Tribology is a highly interdisciplinary field of science, and tribological tests can assess the nature of friction, wear resistance by friction, and determine cooperating materials' coefficient of friction, and, therefore, research in this area can help address energy conservation needs. This Special Issue will bring together the work of academic scientists, researchers, and research scholars to spread and share their experiences and research results on all aspects of Tribological Properties of Materials and Coatings from all fields of interest, ones including traditional tribological research concentrated on machine elements and manufacturing processes through green tribology, nanotribology, as well as by open system tribology and even space tribology. We kindly invite you to submit manuscripts for this Special Issue.

Guest Editors

Dr. Wiesław A. Graboń
Dr. Thomas G. Mathia
Prof. Dr. Marek Goral

Deadline for manuscript submissions

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

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Message from the Editorial Board

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.

Editors-in-Chief

Prof. Dr. Maryam Tabrizian
1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Prof. Dr. Yuguang Ma
State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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