

Special Issue

Research about Friction and Wear Modeling for Materials

Message from the Guest Editors

Friction and wear are two essential issues in tribology. Accurate modeling of friction and wear still remain unsolved due to their formidable complexity, involving several areas of surface science such as physics, chemistry, materials, mechanics, etc., which have to be considered to realistically model these issues. Numerical techniques have allowed advances in our understanding and more realistic simulations of friction and wear mechanisms. However, some simplifying assumptions are still being used to overcome complex issues. This Special Issue forms a collection of ongoing research in friction and wear. Contributions are solicited from researchers working in advancing the current modeling and their experimental validation.

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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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