Special Issue

Research on Friction, Wear and Corrosion Properties of Materials

Message from the Guest Editors

Friction, wear, and corrosion are significant issues in materials engineering. Friction is a force that resists the relative motion of two surfaces in contact, while wear is the gradual loss of material that results from friction. Corrosion, on the other hand, involves the degradation of materials due to chemical reactions with the environment. Research on the friction, wear, and corrosion properties of materials has focused on understanding the mechanisms that underlie these phenomena and developing strategies for improving the performance and durability of materials.

In conclusion, research on friction, wear, and corrosion properties of materials is crucial for improving the performance and durability of materials used in various applications. Researchers have studied the underlying mechanisms of these phenomena, as well as strategies for improving material properties. By gaining a better understanding of these processes, researchers can develop materials that can resist wear and corrosion and reduce the energy lost due to friction. As a prominent contributor in the field, we cordially invite you to share your latest research findings in this Special Issue.

Guest Editors

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Deadline for manuscript submissions

closed (20 March 2025)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/172826

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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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