Special Issue

New Horizons in Surface Engineering

Message from the Guest Editors

Surface engineering is a rapidly evolving field within materials science. The innovations in surface engineering primarily involve techniques such as coating deposition, surface treatment, and nano-structuring, which are aimed at improving properties like wear resistance, corrosion protection, and functionalization.

The rich variety of physical phenomena observed, such as superhydrophobicity, enhanced catalytic activity, and advanced tribological performance, showcases the potential of surface engineering.

Surface engineering techniques can be fine-tuned to produce materials with specific desired properties, such as the development of self-healing coatings and adaptive surfaces that respond to environmental changes. The interplay between surface structure and material properties is an area of ongoing research, with new discoveries continually emerging.

This Special Issue aims to compile the latest advancements and research findings in this dynamic field. This collection aspires to be a key resource for scientists and engineers seeking to understand and innovate within the realm of surface engineering.

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Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

Editor-in-Chief

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