

Special Issue

Nanomaterials in Novel Thin Films and Coatings

Message from the Guest Editor

The development of modern technologies, such as biotechnologies, electronics, and information technologies, requires the miniaturization of devices and systems while increasing their efficiency, reaction time, and longevity. In order to meet these requirements, new functional surface materials possessing good mechanical, tribological, anti-corrosion, and protective parameters, which reduce the wear of these devices, are being wanted. All kinds of approaches are welcome, in nanomaterials; thin layers; self-assembled monolayers; surface modification of nanomaterials; characterization of thin layers; nanometrology; nanomechanics; nanotribology; adhesion; scanning probe microscopy; wetting of surfaces; biomimetics including their practical applications.

Guest Editor

Dr. Michal Cichomski

Department of Materials Technology and Chemistry, Faculty of Chemistry, University of Lodz, Pomorska 163, 90-236 Lodz, Poland

Deadline for manuscript submissions

closed (20 January 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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Molecular Sciences*
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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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