

Special Issue

Surface Engineering of Metals and Alloys

Message from the Guest Editor

Nowadays, the surface treatments of metals and alloys allow to obtain on them the films or coatings with different physical and chemical properties from the substrate. The most often used surface modification methods are as follows electropolishing (EP, MEP) and plasma electrolytic oxidation (PEO), also known as Micro Arc Oxidation (MAO), electrophoretic deposition (EPD) and ion implantation (IM), chemical or physical vapor deposition (CVD, PVD), anodic oxidation, carburization nitrocarburization and passivation, laser treatments, hydrothermal treatments, abrasive treatments and shot peening as well as thermoreactive deposition and sol-gel coatings. It must be pointed out that that present Special Issue in *Metals* is a continuation of closed already subject *Surface Treatment Technology of Metals and Alloys*, in which some aspects of surface modification by selected methods were presented. That way, I would like to invite all researchers interested in widely understood surface engineering of metals and alloys to present their results in papers related to both experimental and theoretical studies.

Guest Editor

Prof. Dr. Krzysztof Rokosz

Department of Mechanical Engineering, Koszalin University of Technology, 75-453 Koszalin, Poland

Deadline for manuscript submissions

closed (31 January 2022)



Metals

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



mdpi.com/si/35124

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

[mdpi.com/journal/
metals](https://mdpi.com/journal/metals)





Metals

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



[mdpi.com/journal/
metals](http://mdpi.com/journal/metals)

About the Journal

Message from the Editor-in-Chief

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

Editor-in-Chief

Prof. Dr. Yong Zhang

Beijing Advanced Innovation Center of Materials Genome Engineering, State Key Laboratory for Advanced Metals and Materials, University of Science and Technology Beijing, 30 Xueyuan Road, Beijing 100083, China

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (Metals and Alloys)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.7 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).

