

Special Issue

Special Metal-Alloy Coating and Catalysis

Message from the Guest Editor

This Special Issue will provide a snapshot of the state-of-the-art in metal and alloy coating and films produced through PVD, CVD, MOCVD, electrodeposition, electroless, ALD, and other techniques. These metal and alloy coating and films can act as corrosion and oxidation resistance barriers and catalysts for water spitting, among other catalysis applications. Topics of interest include, but are not limited to:

- Progress in coating growth and characterization techniques;
- Processing condition–structure–property relations;
- Properties of coating and films;
- Structural, morphological, corrosion, oxidation, wear, and catalysis properties of thin films.

Guest Editor

Dr. Wangping Wu

School of Mechanical Engineering and Rail Transit, Changzhou University, Changzhou 213164, China

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

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About the Journal

Message from the Editorial Board

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.

Editors-in-Chief

Prof. Dr. Hugo F. Lopez

Department of Materials Science and Engineering, College of Engineering & Applied Science, University of Wisconsin-Milwaukee, 3200 N. Cramer Street, Milwaukee, WI 53211, USA

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

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