

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

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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

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