



Metallic Materials and Composites as Catalysts

Guest Editor:

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Deadline for manuscript
submissions:

closed (1 March 2021)

Message from the Guest Editor

I am pleased to invite your participation to the Special Issue ‘Metallic Materials and Composites as Catalysts’ for the journal *Metals*. For this issue, we specifically seek new research papers that report and discuss the synthesis, manufacture, or utilization of metallic composite materials in various catalytic roles such as heterogeneous, electrocatalysis, or photocatalysis. New research papers from experiment, theory, or both are welcome, and the specific reactions to be catalyzed are open to all areas, however particular emphasis may be given to reactions that provide excellent societal benefit (CO₂ mitigation to fuels, etc). Metallic/composite systems of most interest could include:

- Hybrid metal/inorganic supported catalysts;
- Engineered or doped low-dimensional carbon;
- Compositionally-modified nanoporous frameworks;
- Amorphous metal/metal oxides

We look forward to your contributions in these areas and appreciate your dedication to helping advance research in this area.





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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.

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