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## Metallic Nanomaterial Applications in Selective Catalysis and Clean Energy

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### Message from the Guest Editor

Dear Colleagues,

Concerns about global warming and energy shortages have prompted us to promote reusable nanomaterials for use in green chemistry and clean energy. However, traditional nanomaterials are increasingly inefficient for the realization of the Sustainable Development Goals (SDGs). Metallic nanomaterials are versatile in heterogeneous catalysis, which can be traced back to the 1980s.

This current Special Issue of the journal Nanomaterials is aimed at presenting the fabrication of novel metallic nanomaterials for selective catalysis and renewable energy production. I look forward to your contributions of research articles or reviews to this Special Issue in the fields related to, but not limited to, the above.

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Prof. Dr. Ming Zhao  
*Guest Editor*



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# Special Issue



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## Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal-organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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