Special Issue

Metallic Nanoparticles with Catalytic Applications

Message from the Guest Editor

Recently, nanoparticles, of spherical and non-spherical shape, are widely used in many different areas such as electronics, energy, textiles, biotechnology. Metal Nanoparticles for Catalysis is a comprehensive text on catalysis on Nanoparticles, Noble metal nanoparticles have great potential for application as catalysts. Their catalytic properties depend sensitively on the size, structure, and shape of the metal nanoparticles and their combination with support materials. This Special Issue is focused on the recent evolution of Metal Nanoparticles for Catalysis, Such expanding applications have resulted in an increased focus on studying the method of synthesis of nanoparticles, characterization and the use of the metallic catalysis—Synthesis, advanced experimental characterization, material modelling and engineering applications (theoretical and experimental).

Guest Editor

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Deadline for manuscript submissions

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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

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