

Special Issue

Metal Nanoparticle Catalysis

Message from the Guest Editors

As you know, the use of metal nanoparticles (MNPs) in catalysis has experienced growing interest in recent years. This revolution arises from the special features of MNPs as catalysts, which unify the advantages of both homogeneous and heterogeneous catalysts. MNPs exhibit the characteristic high stability and recyclability of heterogeneous catalysts but present a higher surface area (i.e., larger number of surface active sites) than their predecessors. All of these elements make MNPs ideal catalysts for many catalytic processes. This Special Issue of *Catalysts* centered on “Metal Nanoparticle Catalysis” will focus on all areas of current interest to metal nanoparticles in catalysis, including ligand-stabilized MNPs, atomically precise clusters, supported/encapsulated MNPs, subnanometer metal clusters, self-assembly of MNPs, ligand and support effects, surface studies, catalysis in ionic liquids, theoretical studies, and laboratory and industrial applications and electrocatalysis, among others. Full papers, communications, reviews, and concepts are welcome and will be considered for publication.

Guest Editors

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