

Special Issue

Metal-Support Interactions in Heterogeneous Catalysis

Message from the Guest Editors

Supported catalysts constitute a pivotal part of heterogeneous catalysts. With the advances in inorganic synthesis and characterization techniques, numerous research highlights related to the study of metal-support interactions have emerged, including single-atom catalysis, in-situ/operando characterizations and dynamic structural evolution. The interaction and synergy between metals and supports have received a great deal of research attention. By regulating the size, configuration and chemical states of the active sites, metal-support interactions play a key role in controlling catalytic performance. Deep understanding and insights in studying metal-support interactions in different catalyst systems is very likely to benefit the design strategies of novel heterogeneous catalysts. This Special Issue on “Metal-Support Interactions in Heterogeneous Catalysis” seeks the latest advances in heterogeneous catalysis focusing on the study of metal-support interactions for thermal, electro- and photo-catalysis.

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