

Special Issue

Applications of Nanoporous Materials in Catalysis

Message from the Guest Editor

Nanoporous materials have attracted great interest due to their excellent porous properties, which are expected to lead to a variety of applications, especially in catalysis, exploiting their ordered nanospace structures. These can be organic as covalent organic frameworks (COFs), inorganic as zeolites, and hybrid as metal organic frameworks (MOFs). Topology, morphology, pore-size, particle size, and composition are modulated during the synthetic procedure, which is essential to develop novel, selective, and active nanoporous catalytic materials. This Special Issue aims to cover recent progress and trends in designing, synthesizing, characterizing, and evaluating advanced nanoporous materials for catalytic applications, such as acid-based, redox, electro-, and photo-catalysis.

Guest Editor

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