

Special Issue

Synthesis, Characterization, and Application of Zeolite Catalysts

Message from the Guest Editors

Over the past decades, zeolites have found use as adsorbents, ion exchangers, and catalysts. This is primarily due to their numerous and unique characteristics, among which are their thermal stability and resistance to aggressive environments. Among the advantages of zeolites as catalysts are their shape-selectivity and the possibility of introducing heteroatoms into their structure, expanding the range of zeolite applications. In this Special Issue, we would like to focus on issues related to the synthesis of new types of zeolite materials and mesoporous materials containing zeolite domains. The topics of this Special Issue will focus on:

- The synthesis and modification of zeolite catalysts.
- The preparation of zeolite–organic composite materials and their application as catalysts.
- The preparation of micromesoporous materials and the possibilities of their application in catalytic reactions.

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