Special Issue

Zeolite Materials: Synthesis, Characterization, and Applications in Catalysis

Message from the Guest Editor

This Special Issue is dedicated to the latest advancements in the fields of zeolites synthesis, their characterization, and use in catalysis. Owing to their void structure and diverse framework types, zeolites exhibit unique physicochemical properties that make them highly suitable for catalytic processes. Whether through bottom-up or top-down synthesis strategies, zeolites play a crucial role in environmental and industrial catalysis. This Special Issue of *Materials* aims to gather the newest research trends on zeolite synthesis and their post-synthesis modification. Reports exploring the characterization of the unique properties of zeolites and/or their potential applications in catalysis are also welcome. We invite you to submit original research papers, communications, or review papers related to these topics. We believe that this collection will significantly contribute to the ongoing developments in the field of zeolites.

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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