



Metal-Exchanged Zeolite Catalysts

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Message from the Guest Editors

Zeolites are workhorses of the chemical industry and are also heavily exploited in pollution control technologies. The exchange with various transition and post-transition metals functionalizes zeolites and makes them potent heterogeneous catalysts.

This Special Issue on “Metal-Exchanged Zeolite Catalysts” will provide updates on recent advances in synthesis methods, characterization, catalytic performance and degradation of transition metal-exchanged zeolites for catalytic applications. We expect contributions to the Special Issue to include structural analysis of the active metal phase using various characterization methods and measurements of the catalytic performance. Determination of the working structure during reaction would be ideal.

Submissions to this Special Issue are welcome in the form of original research papers or short reviews reflecting the knowledge in the field of zeolite materials within the following thematic subjects: heterogeneous catalysis, biomass valorization, catalytic pollution control, and structure by operando methods.

