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Zeolites and Related Nanoporous Materials: Synthesis, Characterization and Applications in Catalysis and Green Chemistry

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Deadline for manuscript submissions:
closed (31 October 2017)

Message from the Guest Editors

Dear Colleagues,

in recent years, the class of zeolites, molecular sieves and related nanoporous materials has been greatly expanded. These materials are of interest in both industry and academia due to their large variety of properties. Thus, the areas of their applications are growing continuously. For understanding the interplay of the physico-chemical properties such as structure, composition, and texture with their function and behavior in sorption and catalysis, perspectives for new applications can be based on a rational material design.

This Special Issue of *Molecules* is aimed at featuring the most recent progress in research and development on the synthesis, characterization and application of zeolites and related nanoporous materials especially in the fields of catalysis and green chemistry. We invite you to submit full papers, short communications, and review articles highlighting the opportunities and challenges in the field of zeolites and related nanoporous materials.

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Dr. Nicole Wilde
Guest Editors

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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