

Special Issue

Zeolitic Microporous Materials and Their Applications

Message from the Guest Editor

Research in the field of zeolites is a highly active and relevant area as these materials are widely used as catalysts and adsorbents in industrial applications. Several new zeolite structures are reported every year, allowing the chance for selecting the material that best fits the requirements of a particular process. Owing to the properties of zeolites, such as uniform porosity, thermal and hydrothermal stability, robustness, and the possibility of generating acidic or other active sites, these materials are used as selective catalysts in refining, petrochemical, and fine chemistry industries, also in the upgrading of new raw materials, and in adsorption and separation processes.

This Special Issue of *Molecules* aims to attract original contributions in various topics related to zeolite materials, covering aspects ranging from the preparation of zeolites, their characterization, and application in different areas. In particular, submissions of research papers about the synthesis of new zeolites or improving the properties of existing ones, their structural and active sites characterization, and their use as catalysts, adsorbents or in new fields are welcome.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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