# Special Issue

# Porous Materials and Their Adsorption Behaviors

### Message from the Guest Editors

In the past two decades, substantial efforts have been made in design, fabrication, and application of porous materials. However, there are still a lot of problems and challenges. For example, how can we maintain the specific accessibility of these pores? It is known that some porous adsorbents suddenly become highly accessible and lose selectivity for specific guest molecules above a threshold pressure or temperature. In addition, can the pore size in porous materials be tuned? If this is possible, what kind of techniques can be used? Furthermore, in specific porous materials, such as MOFs, what metal centre or special ligand could aid in their adsorption behaviors? To answer these questions and to develop better adsorbents or sensors, the present Special Issue on “Porous Materials and Their Adsorption Behaviors” could be represent a timely intervention compiling the recent progress and achievements in this field.

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### Deadline for manuscript submissions

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Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

## Editor-in-Chief

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