Special Issue

Adsorption Capabilities of Porous Materials

Message from the Guest Editor

The adsorption performance of porous materials is an important aspect for many applications, including environment control, nano-science and nanotechnology, and biological and medical sciences. A critical review of the state of the art for the adsorption capabilities of porous materials is therefore needed both for a fundamental understanding of the phenomena and applications of porous materials' adsorption. This Special Issue will cover both the fundamental science and cutting-edge technology of the adsorption phenomenon by porous materials. We will also discuss this topic from theoretical and experimental perspectives. The size of pores, the type of porous materials, surface areas, and the adsorbed molecules in terms of the adsorption performance will also be reviewed and analyzed.

Guest Editor

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Message from the Editor-in-Chief

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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