



Gas Sorption, Diffusion and Seepage Processes in Novel Porous Materials

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Message from the Guest Editor

Dear Colleagues,

Knowledge of the sorption, diffusion and seepage processes taking place in the pore space of materials of natural and anthropogenic origin is extremely important from the point of view of many applications. This includes gas separation processes, capture of gas components from mixtures, capture of greenhouse and toxic gases, air treatment systems, storage of gases with energy potential, energy and environmental engineering applications. The sorption capacities, diffusion and permeability coefficients of most commonly used sorbents to gases are relatively known and studied. The constant development of novel porous materials entails the necessity to conduct research to identify their properties. This Special Issue is focused on the study of both new and already known porous materials, in the context of better identifying their sorption properties and the study of fluid transport processes taking place in their pore spaces.

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Guest Editor





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Message from the Editor-in-Chief

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