Special Issue

Porous Materials: Design, Synthesis and Advanced Catalytic Applications

Message from the Guest Editors

The research field of nanoporous materials is an interesting and exciting topic with countless researchers involved worldwide. Two types of hybrid solids have been developed during the last decade and are considered important subjects in this field. The first class includes porous organic frameworks (POFs), a general term for covalent–organic frameworks (COFs), covalent triazine frameworks (CTFs), porous aromatic frameworks (PAFs), hydrogen-bonded organic frameworks (HOFs), etc. The second class covers a range of solids, both oxides and non-oxides, crystalline and amorphous (zeolites, silica, metal–organic frameworks (MOFs), etc.). The variation in porous materials provides a promising platform for all different kinds of advanced applications. The main aim of this Special Issue of *Catalysts* is to provide an overview of the most relevant and recent findings in the field of porous materials for advanced applications, which can be applied in (but not limited to) catalysis, adsorption, environmental remediation, sensing, and energy storage applications.

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