Microporous Organic Polymers: Synthesis, Characterization and Applications

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Message from the Guest Editors

Microporous organic polymers represent a rapidly-expanding class of amorphous porous materials, composed of fully covalently bound organic building blocks. Typical features of microporous organic polymers are pore diameters of less than 2 nm, high internal surface areas and elevated thermal stability, which allow them to be exploited for a broad range of technologically important applications, such as gas storage and separation, heterogeneous catalysis, sensors and electrochemistry, etc. This Special Issue of Polymers aims to report full research papers, communications and review articles based on the latest advances in the field of synthesis, characterisation and applications of organic microporous polymers.

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