



Porous Polymer Micro- and Nano-Structures

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Deadline for manuscript
submissions:

closed (31 March 2020)

Message from the Guest Editor

One of the key challenges in nanoscience and nanotechnology is the precise control of the morphology, dimensions, and functionality of nanostructures to fit distinctive application requirements. Thus far, much effort has been expended to achieve morphological control of porous organic frameworks with tunable structures and the desired distribution. For example, solution-phase-synthesized porous polymer spheres (PPSs) have attracted much research interest due to their potential utility as catalysts and in drug delivery, gas adsorption, and membrane applications. The major advantage of PPSs is the potential synthetic diversity that can be integrated into these organic polymer structures. Furthermore, the carbonization of PPSs produces carbonaceous spheres that can also be applied in electrical-related fields, such as sensors, super-capacitors, and batteries. Contributions to this Special Issue should preferably report the development of polymer-based porous polymer micro-/nano-structures and their potential applications to emerging technologies. Research articles, reviews, and communications are welcome.





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Message from the Editor-in-Chief

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