

## Special Issue

# Potential Applications of Functional Porous Organic Frameworks

### Message from the Guest Editors

Porous organic frameworks (POFs) are novel porous materials that are known for their large surface area, versatile structure, and high thermal/chemical stability. Due to their intriguing and tailorable structures, they are widely deployed in catalysis, gas separation, molecule storage, and many other valuable applications. This Special Issue illustrates recent progress on POFs and POF derivatives, including their design, synthesis, and applications. We aim to conduct a detailed correlation investigation between the structural and chemical features of POFs and their potential functions. The significant advantages (and disadvantages) and opportunities of POFs are reported for the development of next-generation porous materials in the future for practical applications.

### Guest Editors

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### Deadline for manuscript submissions

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### Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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