**MOF-derived nanoarchitectures for energy storage applications**

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I will focus primarily on the case studies of various porous structures. Recently, most widely used energy storage electrodes mandatorily require the high surface area materials. If so, how differently metal organic framework (MOF)-derived porous structures, such as single MOF-derived, hybrid, core-shell, size/shape-dependence of materials, can be used for different storage applications. If they could be controlled for their optimized pore size distributions and high surface area, these nanoporous materials will become a versatile source of carbons or bare porous framework which would be useful for electrochemical energy storage applications. My recent research works will be introduced toward various energy storage applications.

I summary the content of my published articles for Metal-Organic Framework for various Energy Storages

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