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## Metal-Organic Frameworks towards Energy Conversion and Storage

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### Message from the Guest Editor

One of the most important issues for material scientists is the development of cost-effective and competitive energy conversion and storage systems, resulting in the increasing use of portable electronic devices and electric vehicles. Porous materials can play a pivotal role in providing functional void spaces for these energy related applications. Among others, metal–organic frameworks (MOFs) can be utilized for the generation of conductive media, storage of hydrogen and methane, electrochemical catalytic systems, and catalyst supports for energy relevant devices. Controlled pyrolysis of MOFs can also provide functional oxide-based or carbonaceous porous materials suitable as electrodes for various types of rechargeable batteries and supercapacitors. In this regard, this Special Issue covers all aspects of energy related applications of MOFs and MOF-derived porous materials.



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## Message from the Editor-in-Chief

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