



Recent Progress in Metal-Organic Frameworks for Energy-Related Applications

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Message from the Guest Editor

Dear Colleagues,

I would like to invite you to submit your contributions to this Special Issue of Energies on the subject area of “Recent Progress in Metal-Organic Frameworks for Energy-Related Applications”. Metal-organic frameworks (MOF) a family of porous materials marks among the top inventions in material science. The reticular synthesis approach has allowed designing MOFs with desire structure, composition and properties. Over the last two decades, significant milestones and breakthrough have been achieved in developing MOFs based applications. MOFs hold potential in a wide range of applications such as for gas storage, molecular separation, catalysis, drug delivery, sensing biomedical imaging and ion exchange.

Among the emerging applications of the MOFs are energy-related such as fuel cell, batteries, solar cells, CO₂ to fuel, photo-induced hydrogen evolution, lighting and supercapacitors.

This energies special issue aims at providing a comprehensive guide on the development of MOFs for energy-related applications.





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Message from the Editor-in-Chief

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