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Environmental Applications of Metal-Organic Frameworks

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Message from the Guest Editors

Dear Colleagues,

Metal-organic frameworks (MOFs) have become a permanent part of technologies that are useful to humans. The crystalline structures in which metal ions are coordinated as nodes with organic ligands as linkers are used in separation, catalysis, photocatalysis, and biodetection, among other things. MOFs are being increasingly used to capture greenhouse gases (GHGs) via physical adsorption. The efficient sorption of hydrocarbons with MOF adsorbents is also one of the most desired methods for energy storage. The continuous development of metal-organic frameworks and the synthesis of new materials of this type make it possible to continuously increase the efficiency of their use in environmental applications. Original scientific articles and review articles are welcome.



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Special Issue



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Message from the Editor-in-Chief

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