

Aug 18, 2020 · In this review, we describe the recent uses of MOFs and their composites for use in electrochemical sensing, electrocatalysis, and ...

Jan 30, 2023 · In this review we summarize the most recent results obtained in this field, by analyzing the use of MOFs in fuel and solar cells with special emphasis on PEMFCs and ...

Feb 15, 2023 · Metal-organic framework (MOF) materials are a new kind of porous crystalline materials assembled by metal ions and organic ligands. Due to their high specific surface ...

Nov 11, 2023 · This review summarizes the preparation of c-MOF and the research progress of conductive MOFs in the field of electrochemical ...

6 days ago · Metal-organic frameworks (MOFs) exhibit distinct advantages in membrane separation, energy conversion and storage, flexible devices, and catalysis due...

Apr 1, 2023 · The derivation of metal-organic framework (MOF) to transition metal chalcogenides (TMC) (where C S, Se, and Te) and their applications in the electrochemical energy storage ...

Many renewable energy technologies, especially batteries and supercapacitors, require effective electrode materials for energy storage ...

In addition to their conventional uses, metal-organic frameworks (MOFs) have recently emerged as an interesting class of functional materials and precursors of inorganic materials for ...

Dec 2, 2024 · ????MOF????,????,???????????????? ???? ,????,???????,????????????????

Nov 19, 2019 · ?? Ohara Paragium Chemical ??? PCP/MOF ??? ??????????,???????????????????? Ohara Paragium Chemical ?????????? ...

Nov 7, 2024 · A simple synthesis method has been developed to improve the structural stability and storage capacity of MXenes (Ti₃C₂T_x)-based electrode materials for hybrid energy ...

Mar 1, 2023 · Over the past years, metal-organic frameworks (MOF) have been directly used as electrodes or as a precursor for MOF-derived materials in energy storage and conversion ...

Nov 5, 2025 · Metal-organic frameworks (MOFs), due to their highly ordered structure, ultra-high specific surface area, and adjustable porosity, have become highly promising new energy ...

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