Showcasing research from Prof. Yuichi Negishi's laboratory, Tohoku University, Japan.

Metal–organic frameworks as promising electrocatalysts for the nitrogen reduction reaction: mapping the research landscape and identifying future trends

This review provides a comprehensive overview of metal-organic frameworks (MOFs) catalyst design protocols from molecular building blocks to extended networks and how precisely designed MOF electrocatalyst structures can explicitly control targeted NRR reaction pathways, besides giving an insight into the future scopes and challenges.

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