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**Facile synthesis of metal-organic frameworks/ordered mesoporous  
carbon composites with enhanced electrocatalytic ability for  
hydrazine**

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**Abstract**

The cooper-based metal-organic frameworks (Cu-MOFs) loaded on ordered mesoporous carbon (OMC) hybrids has been synthesized by a simple and rapid method for the first time. The composite materials were characterized comprehensively by SEM, X-Ray diffraction, Fourier transform infrared, nitrogen adsorption method, etc. The as-prepared novel Cu-MOFs/OMC nanohybrids extend the applications of support materials and provide new features of electrocatalytic activities. Hydrazine is performed as an electrochemical probe, which showed low limit of detection, wide linear range, and high sensitivity. The successful fabrication

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