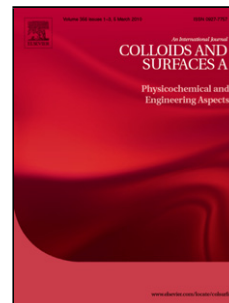


## Accepted Manuscript

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# Immobilization of thiol-functionalized ionic liquids onto the surface of MIL-101(Cr) frameworks by S-Cr coordination bond for biodiesel production

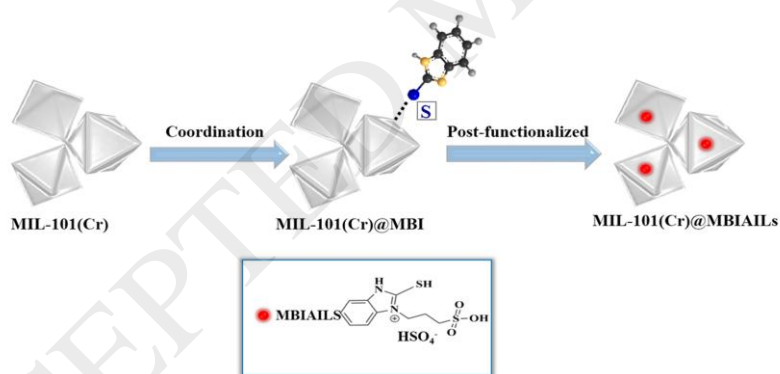
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## Graphical abstracts



## ABSTRACT:

A novel functionalized MOF heterogeneous catalyst (MIL-101(Cr) @MBIAILs), 2-Mercaptobenzimidazole ILs with electron-rich -SH groups immobilized onto the surface of the well-defined MIL-101(Cr) frameworks, was constructed and fabricated

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