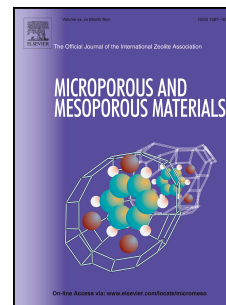


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Graphical Abstract

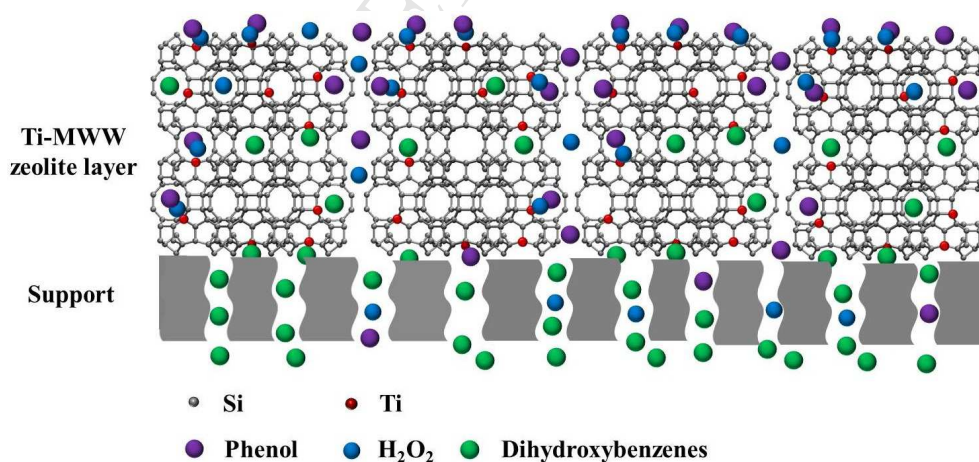
Preparation and catalytic performance of Ti-MWW zeolite membrane for phenol hydroxylation

Meihua Zhu ^{a,b,*}, Yongsheng Liu ^{a,b}, Yongkang Yao ^{a,b}, Jiamin Jiang ^{a,b}, Fei Zhang ^{a,b}, Zhen Yang ^{a,b}, Zhanghui Lu ^{a,b}, Izumi Kumakiri ^c, Xiangshu Chen ^{a,b,c,*}, Hidetoshi Kita ^c

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A novel and tubular Ti-MWW zeolite membrane was successfully prepared on the mullite support and had well catalytic performance for phenol hydroxylation by pervaporation.

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