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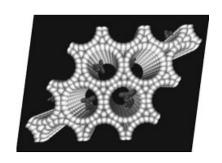
Pages 2913-3120

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COVER PICTURE

The cover picture shows a chiral catalyst heterogenized into confined nanospaces of porous materials. The site-isolation of catalytic sites easily prevents the formation of inactive multinuclear species, consequently increasing the stability and turnover numbers of catalysts. In addition to this enhanced stability, increased enantioselectivity was also found upon immobilization in the confined spaces, due to the confinement effect originating from the interaction of catalyst/substrate with pore surfaces. Details of this chemistry are described in the Microreview by C. E. Song et al. on p. 2927 ff.



MICROREVIEW Contents

C. E. Song,* D. H. Kim, D. S. Choi 2927

> Chiral Organometallic Catalysts in Confined Nanospaces: Significantly Enhanced Enantioselectivity and Stability

> Keywords: Asymmetric catalysis / Supported catalysts / Mesoporous materials / Zeolite analogs / Nanostructures

> > www.eurjic.org

