

MINIREVIEWS

Asymmetric Synthesis

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O. Pàmies, P. G. Andersson,
M. Diéguez*

Asymmetric Hydrogenation of Minimally Functionalised Terminal Olefins: An Alternative Sustainable and Direct Strategy for Preparing Enantio-enriched Hydrocarbons

COMMUNICATIONS

Asymmetric Synthesis

M. Bandini,* M. Monari,
A. Romaniello, M. Tragni

Gold-Catalyzed Direct Activation of Allylic Alcohols in the Stereoselective Synthesis of Functionalized 2-Vinyl-Morpholines

Self-Assembly

D. Bléger, A. Ciesielski, P. Samorì,*
S. Hecht*

Photoswitching Vertically Oriented Azobenzene Self-Assembled Monolayers at the Solid-Liquid Interface

Bionanotechnology

X. Q. Qian, Y. Xiang,* H. Zhang,
Y. Chen, Y. Q. Chai, R. Yuan*

Aptamer/Nanoparticle-Based Sensitive, Multiplexed Electronic Coding of Proteins and Small Biomolecules through a Backfilling Strategy

FULL PAPERS

Nanostructures

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R. Zou, Z. Zhang, L. Yu, Q. Tian,
J. Wu, Y. Sun, Z. Chen, J. Hu*

Oriented Free-Standing Ammonium Vanadium Oxide Nanobelt Membranes: Highly Selective Absorbent Materials (Cover picture)

Supramolecular Chemistry

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F. Tancini, R. M. Yebeutchou,
L. Pirondini, R. De Zorzi, S. Geremia,
O. A. Scherman, E. Dalcanele*

Host-Guest-Driven Copolymerization of Tetraphosphonate Cavitands

Structural Changes

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S. Henke, R. Schmid, J.-D. Grunwaldt,
R. A. Fischer*

Flexibility and Sorption Selectivity in Rigid Metal-Organic Frameworks: The Impact of Ether-Functionalised Linkers

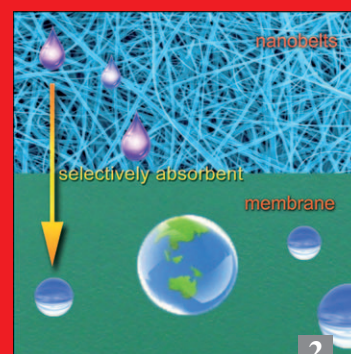
Organometallic Catalysts

G. E. Johnson, J. Laskin*

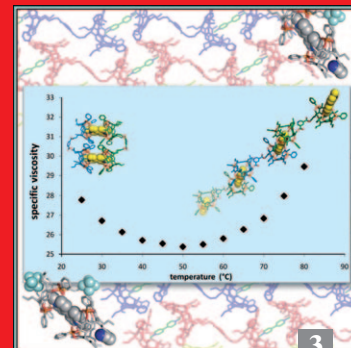
Preparation of Surface Organometallic Catalysts by Gas-Phase Ligand Stripping and Reactive Landing of Mass-Selected Ions



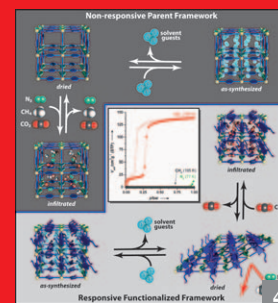
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