

CONCEPTS

Asymmetric Reactions

1

B. Ni, A. D. Headley*

Ionic-Liquid-Supported (ILS) Catalysts for Asymmetric Organic Synthesis

COMMUNICATIONS

Asymmetric Catalysis

J. Deska, C. del Pozo Ochoa,
J.-E. Bäckvall*

Chemoenzymatic Dynamic Kinetic Resolution of Axially Chiral Allenes

Cluster Compounds

A. Ikegami, M. Abe,* A. Inatomi,
Y. Hisaeda*

Synthetic Design of Heterometallic Cluster Compounds with Site-Selective and Stepwise Substitution of Bridging Carboxylates

Aldol Reactions

S. Luo,* P. Zhou, J. Li, J.-P. Cheng*

Asymmetric Retro- and Transfer-Aldol Reactions Catalyzed by a Simple Chiral Primary Amine

FULL PAPERS

Nanoscapy

2

G. Y. Mitronova, V. N. Belov,*
M. L. Bossi, C. A. Wurm, L. Meyer,
R. Medda, G. Moneron,
S. Bretschneider, C. Eggeling,*
S. Jakobs, S. W. Hell*

New Fluorinated Rhodamines for Optical Microscopy and Nanoscopy (Cover picture)

Sensors

3

L. A. Baumes, M. Buaki Sogo,
P. Montes-Navajas, A. Corma,
H. Garcia*

A Colorimetric Sensor Array for the Detection of the Date-Rape Drug γ -Hydroxybutyric Acid (GHB): A Supramolecular Approach

Molecular Machines

4

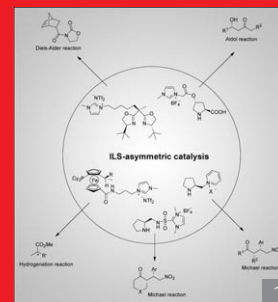
D. A. Tramontozzi, N. D. Suhan,
S. H. Eichhorn, S. J. Loeb*

The Effect of Incorporating Fréchet Dendrons into Rotaxanes and Molecular Shuttles Containing the 1,2-Bis(pyridinium)ethane $\subset$ [24]Crown-8 Templating Motif

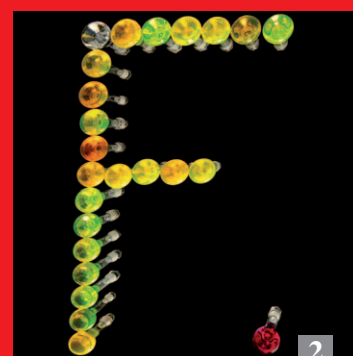
Supramolecular Chemistry

Y. Rudzevich,* V. Rudzevich,
V. Böhmer*

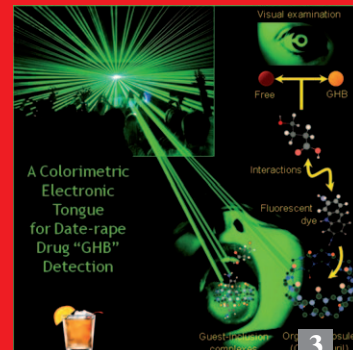
Fine-Tuning the Dimerization of Tetraareacalix[4]arenes



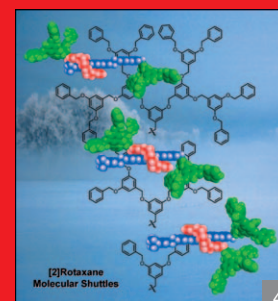
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