

MINIREVIEWS

Asymmetric Synthesis

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E. Meggers*

Chiral Auxiliaries as Emerging Tools for the Asymmetric Synthesis of Octahedral Metal Complexes

COMMUNICATIONS

Homogeneous Catalysis

S. Simaan, A. F. G. Goldberg,
S. Rosset, I. Marek*

Metal-Catalyzed Ring-Opening of Alkylidenecyclopropanes: New Access to Building Blocks with an Acyclic Quaternary Stereogenic Center

Cycloaddition Reactions

T. Fallon, D. E. J. E. Robinson,
A. C. Willis, M. N. Paddon-Row,*
M. S. Sherburn*

Double Dehydro-Diels–Alder Reactions of 1,5-Dien-3-yne

N-Heterocyclic Carbenes

Y. Han, L. J. Lee, H. V. Huynh*

Pyrazole-Derived Remote Dicarbenes: Versatile Ligands for Di- and Tetranuclear Complexes

FULL PAPERS

Nanotechnology

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K. Qian, J. Wan, X. Huang, P. Yang,
B. Liu,* C. Yu*

A Smart Glycol-Directed Nanodevice from Rationally Designed Macroporous Materials (Cover picture)

Nanomaterials

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S. Sun, G. Zhang, D. Geng, Y. Chen,
M. N. Banis, R. Li, M. Cai, X. Sun*

Direct Growth of Single-Crystal Pt Nanowires on Sn@CNT Nanocable: 3D Electrodes for Highly Active Electrocatalysts

Supramolecular Polymers

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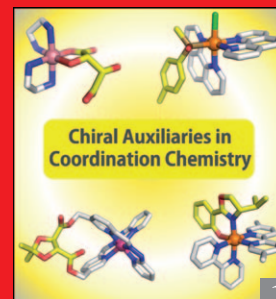
P. J. M. Stals, J. C. Everts, R. de Bruijn,
I. A. W. Filot, M. M. J. Smulders,
R. Martín-Rapún, E. A. Pidko,
T. F. A. de Greef, A. R. A. Palmans,*
E. W. Meijer*

Dynamic Supramolecular Polymers Based on Benzene-1,3,5-tricarboxamides: The Influence of Amide Connectivity on Aggregate Stability and Amplification of Chirality

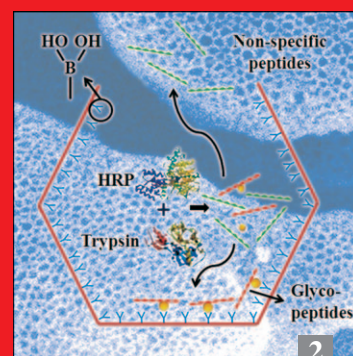
Main Group Chemistry

S. J. Geier, M. A. Dureen,
E. Y. Ouyang, D. W. Stephan*

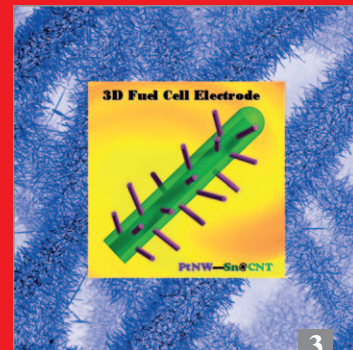
New Strategies to Phosphino-Phosphonium Cations and Zwitterions



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