

REVIEWS

Natural Products

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Chemistry and Biology of the Caged *Garcinia* Xanthenes (Cover picture)

O. Chantarasriwong, A. Batova,
W. Chavasiri, E. A. Theodorakis*

COMMUNICATIONS

Magnetic Properties

2

Crystal-to-Crystal Transformation from a Mononuclear Compound in a Hydrogen-Bonded Three-Dimensional Framework to a Layered Coordination Polymer

B. Zhang,* D. Zhu,* Y. Zhang

Metal-Mediated Synthesis

Synergic Transformation of an Ethylenediamine to a Lithium 1,3-Diaza-2-zincacyclopentene via an Alkyl lithium/Bis(alkyl)zinc Mixture

R. Campbell, P. García-Álvarez,*
A. R. Kennedy, R. E. Mulvey*

Asymmetric Catalysis

The Magnesium(II)-Catalyzed Asymmetric Ketone–Ene Reaction under Solvent-Free Conditions: Stereocontrolled Access to Enantioenriched Tri-fluoromethyl-Substituted Compounds

K. Zheng, Y. Yang, J. Zhao, C. Yin,
L. Lin, X. Liu, X. Feng*

FULL PAPERS

Coordination Chemistry

3

Cobalt Coordination and Clustering in α -Co(OH)₂ Revealed by Synchrotron X-ray Total Scattering

J. R. Neilson, J. A. Kurzman,
R. Seshadri, D. E. Morse*

Homogeneous Catalysis

4

Do Trinuclear Triplesalen Complexes Exhibit Cooperative Effects?—Synthesis, Characterization, and Enantioselective Catalytic Sulfoxidation by Chiral Trinuclear Fe^{III} Triplesalen Complexes

C. Mukherjee, A. Stammler, H. Bögge,
T. Glaser*

Polyoxometalates

High-Field Pulsed EPR Spectroscopy for the Speciation of the Reduced [PV₂Mo₁₀O₄₀]⁶⁻ Polyoxometalate Catalyst Used in Electron-Transfer Oxidations

I. Kaminker, H. Goldberg,
R. Neumann, D. Goldfarb*

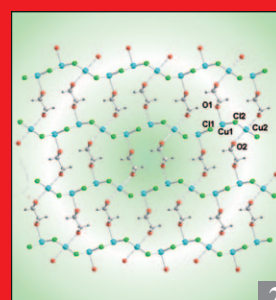
Nanocatalysts

In Situ Formation of Au–Pd Bimetallic Active Sites Promoting the Physically Mixed Monometallic Catalysts in the Liquid-Phase Oxidation of Alcohols

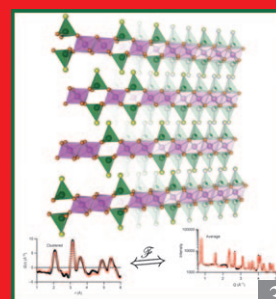
D. Wang,* A. Villa, P. Spontoni,
D. S. Su,* L. Prati



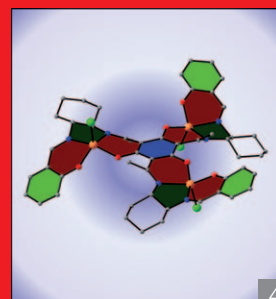
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