

REVIEWS

Hydrophobic Effect

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C. R. Crick, I. P. Parkin*

Preparation and Characterisation of Super-Hydrophobic Surfaces

COMMUNICATIONS

Alkylation

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S. Bähn, S. Imm, K. Mevius,
L. Neubert, A. Tillack,
J. M. J. Williams,* M. Beller*

Selective Ruthenium-Catalyzed N-Alkylation of Indoles by Using Alcohols (Cover picture)

Nanoparticles

C. Aimé, R. Nishiyabu, R. Gondo,
N. Kimizuka*

Switching On Luminescence in Nucleotide/Lanthanide Coordination Nanoparticles via Synergistic Interactions with a Cofactor Ligand

Superparamagnetism

W. Cheng, K. Tang,* J. Sheng

Highly Water-Soluble Superparamagnetic Ferrite Colloidal Spheres with Tunable Composition and Size

Biomimetic Synthesis

I. Sinigaglia, T. M. Nguyen,
J.-C. Wypych, B. Delpech,*
C. Marazano

Concise Access to a Model of the Marine Alkaloid Halicyclamine A through Macrocyclic-Forming Addition of a 5-Aminopenta-2,4-dienal onto a 2,3-Dihydropyridinium Salt

FULL PAPERS

Donor-Acceptor Systems

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T. Kojima,* K. Hanabusa, K. Ohkubo,
M. Shiro, S. Fukuzumi*

Construction of Sn^{IV} Porphyrin/Trinuclear Ruthenium Cluster Dyads Linked by Pyridine Carboxylates: Photoinduced Electron Transfer in the Marcus Inverted Region

S Ligands

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C. Milsmann, S. Sproules, E. Bill,
T. Weyhermüller, S. D. George,
K. Wieghardt*

Stabilization of High-Valent Fe^{IV}S₆-Cores by Dithiocarbamate(1-) and 1,2-Dithiolate(2-) Ligands in Octahedral [Fe^{IV}(Et₂dtc)_{3-n}(mnt)_n]⁽ⁿ⁻¹⁾⁻ Complexes (n = 0, 1, 2, 3): A Spectroscopic and Density Functional Theory Computational Study

Energetic Materials

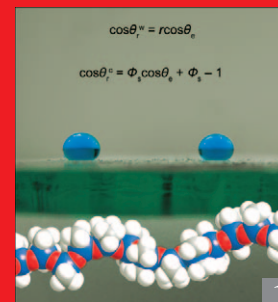
Y. Guo, G.-H. Tao, Z. Zeng, H. Gao,
D. A. Parrish, J. M. Shreeve*

Energetic Salts Based on Monoanions of N,N-Bis(1H-tetrazol-5-yl)amine and 5,5'-Bis(tetrazole)

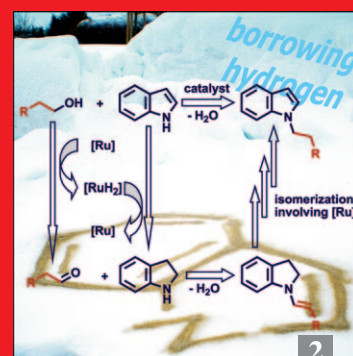
Asymmetric Catalysis

K. Shen, X. Liu, K. Zheng, W. Li,
X. Hu, L. Lin, X. Feng*

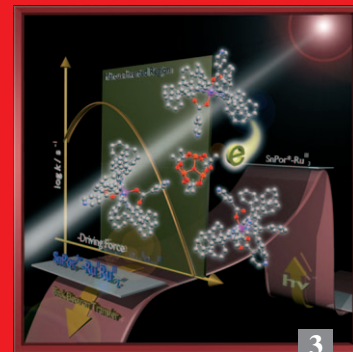
Catalytic Asymmetric Synthesis of 3-(α-Hydroxy-β-carbonyl) Oxindoles by a Sc^{III}-Catalyzed Direct Aldol-Type Reaction



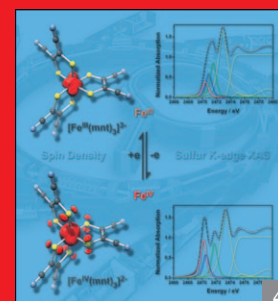
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