

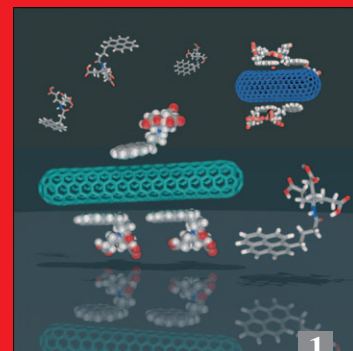
COMMUNICATIONS

Carbon Nanotubes

1

C. Backes, U. Mundloch, A. Ebel,
F. Hauke, A. Hirsch*

Dispersion of HiPco® and CoMoCAT® Single-Walled Nanotubes (SWNTs) by Water Soluble Pyrene Derivatives—Depletion of Small Diameter SWNTs
(Cover picture)



Directed Lanthanations

2

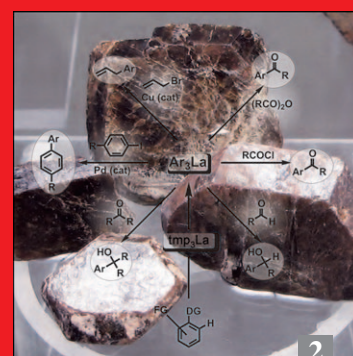
S. H. Wunderlich, P. Knochel*

Atom-Economical Preparation of Aryl- and Heteroaryl-Lanthanum Reagents by Directed *ortho*-Metalation by Using tmp₃[La]

Bioimaging

H.-Y. Shiu, H.-C. Chong, Y.-C. Leung,
M.-K. Wong,* C.-M. Che*

A Highly Selective FRET-Based Fluorescent Probe for Detection of Cysteine and Homocysteine



FULL PAPERS

Multicomponent Self-Assembly

3

Y. Sakata, S. Hiraoka,* M. Shionoya*

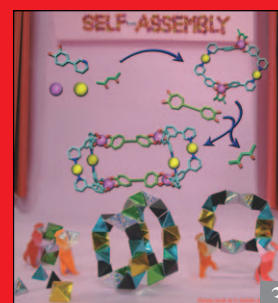
Site-Selective Ligand Exchange on a Heteroleptic Ti^{IV} Complex Towards Stepwise Multicomponent Self-Assembly

Dyes/Pigments

4

S. Rehm, V. Stepanenko, X. Zhang,
T. H. Rehm, F. Würthner*

Spermine-Functionalized Perylene Bisimide Dyes—Highly Fluorescent Bola-Amphiphiles in Water



C–C Activation

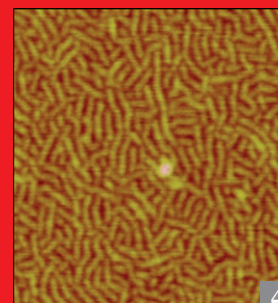
T. Seiser, N. Cramer*

Rhodium(I)-Catalyzed Enantioselective Activation of Cyclobutanols: Formation of Cyclohexane Derivatives with Quaternary Stereogenic Centers

Oxidative Coupling

N. M. Boshta, M. Bomkamp,
G. Schnakenburg, S. R. Waldvogel*

Stereoselective Formation of Triphenylene Ketals



Ionic Liquids

A. Dzudza, T. J. Marks*

Efficient Intramolecular Hydroalkoxylation of Unactivated Alkenols Mediated by Recyclable Lanthanide Triflate Ionic Liquids: Scope and Mechanism