

MINIREVIEWS

Coordination Polymers

1

C. Pettinari,* N. Masciocchi,
L. Pandolfo, D. Pucci

Tuning the Functional Properties of Metal Complexes Containing Polytopic Heteroaromatic Nitrogen Ligands

COMMUNICATIONS

Metal–Organic Frameworks

Y.-Q. Tian,* S.-Y. Yao, D. Gu,
K.-H. Cui, D.-W. Guo, G. Zhang,
Z.-X. Chen, D.-Y. Zhao*

Cadmium Imidazolate Frameworks with Polymorphism, High Thermal Stability, and a Large Surface Area

Metal–Oxide Clusters

X. Zhang, H. Schwarz*

Generation of Gas-Phase Nanosized Vanadium-Oxide Clusters from a Mononuclear Precursor by Solution Nucleation and Electrospray Ionization

Organocatalysis

N. El-Hamdouni, X. Companyó,
R. Rios,* A. Moyano*

Substrate-Dependent Nonlinear Effects in Proline–Thiourea-Catalyzed Aldol Reactions: Unraveling the Role of the Thiourea Co-Catalyst

FULL PAPERS

Protein Nitration

2

K. P. Bhabak, G. Mugesh*

Antithyroid Drugs and their Analogues Protect Against Peroxynitrite-Mediated Protein Tyrosine Nitration—A Mechanistic Study (Cover picture)

Single Molecules

3

N. Kawashima, K. Nakayama, K. Itoh,
T. Itoh, M. Ishikawa, V. Biju*

Reversible Dimerization of EGFR Revealed by Single-Molecule Fluorescence Imaging Using Quantum Dots

Supramolecular Structures

4

M. Yu, S.-Z. Zu, Y. Chen, Y.-P. Liu,
B.-H. Han,* Y. Liu*

Spatially Controllable DNA Condensation by a Water-Soluble Supramolecular Hybrid of Single-Walled Carbon Nanotubes and β -Cyclodextrin-Tethered Ruthenium Complexes

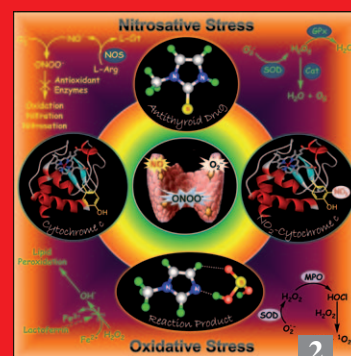
Anion Recognition

A. J. McConnell, C. J. Serpell,
A. L. Thompson, D. R. Allan,
P. D. Beer*

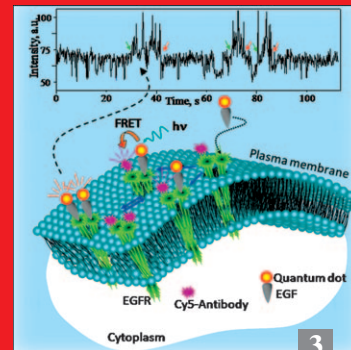
Calix[4]arene-Based Rotaxane Host Systems for Anion Recognition



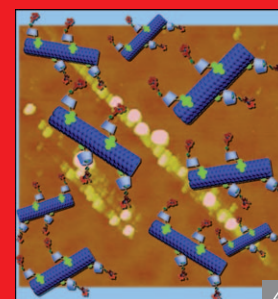
1



2



3



4