

CONCEPTS

Nanomaterials

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Recycling Functional Colloids and Nanoparticles

O. Myakonkaya, Z. Hu, M. F. Nazar, J. Eastoe*

COMMUNICATIONS

Host-Guest Systems

2

A pH Switchable Pseudorotaxane Based on a Metal Cage and a Bis-Anionic Thread

G. H. Clever, M. Shionoya*

Heterogeneous Catalysis

Dendrimer-Induced Molecular Catalysis in Water: The Example of Olefin Metathesis

A. K. Diallo, E. Boisselier, L. Liang, J. Ruiz, D. Astruc*

Polycyclic Compounds

One-Pot Tandem Catalysis: A Concise Route to Fused Bicyclic Scaffolds from Acyclic β -Ketoesters and Alkynyl Aldehydes

L. Liu, L. Wei, Y. Lu, J. Zhang*

FULL PAPERS

Photocatalysis

3

An Unexplored O_2 -Involved Pathway for the Decarboxylation of Saturated Carboxylic Acids by TiO_2 Photocatalysis: An Isotopic Probe Study (Cover picture)

B. Wen, Y. Li, C. Chen, W. Ma,* J. Zhao*

Radical Reactions

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Hydroxyl Radical Reactions with Adenine: Reactant Complexes, Transition States, and Product Complexes

Q. Cheng, J. Gu, K. R. Compaan, H. F. Schaefer III*

Lewis Acids

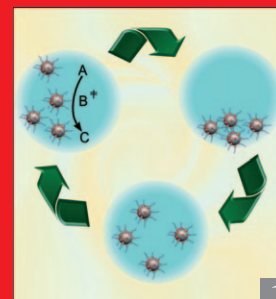
Dialkylaluminum-, -Gallium-, and -Indium-Based Poly-Lewis Acids with a 1,8-Diethynylantracene Backbone

J. Chmiel, B. Neumann, H.-G. Stammler, N. W. Mitzel*

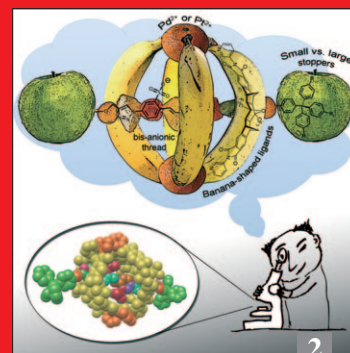
Kinetics

Electrophilic Reactivities of Azodicarboxylates

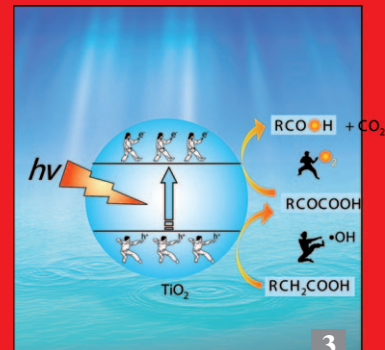
T. Kanzian, H. Mayr*



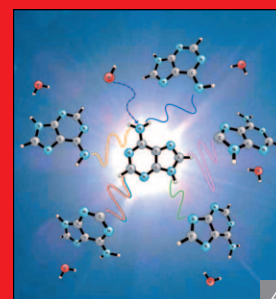
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