

Essays

Zukunft der Chemie

G. M. Whitesides

Chemie: auf zu neuen Zielen – Gedanken zur Zukunft der Chemie

Aufsätze

Selbstorganisation

J.-M. Lehn et al.

1 Metallionen-Gitterarchitekturen: funktionelle supramolekulare Metallkomplexe

Zuschriften

Kristallwachstum

P. Yang et al.

2 Platonic Gold Nanocrystals (Titelbild)

RNA-Translation

D. A. Tirrell et al.

3 Alternative Translations of a Single RNA Message: An Identity Switch of (2S,3R)-4,4,4-Trifluorovaline between Valine and Isoleucine Codons

Lanthanoid-bindende Peptide

K. N. Allen, B. Imperiali et al.

4 Structural Origin of the High Affinity of a Chemically Evolved Lanthanide-Binding Peptide

Amplifizierung lokaler Wechselwirkungen

A. Bleuzen et al.

Thermally Induced Electron Transfer in a CsCoFe Prussian Blue Derivative: The Specific Role of the Alkali Metal Ion

Rotaxansynthese

J. Otera et al.

Rate Acceleration of the Reaction between Solid Reactants by Premixing in Solution: Application to the Efficient Synthesis of a [2]Rotaxane

Kombinatorische Chemie

O. Ramström et al.

Catalytic Self-Screening of Cholinesterase Substrates from a Dynamic Combinatorial Thioester Library

Nanotechnologie

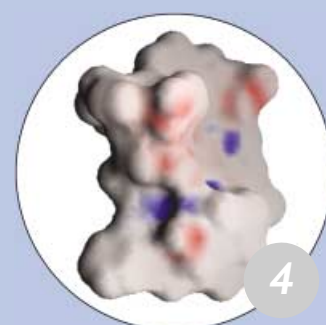
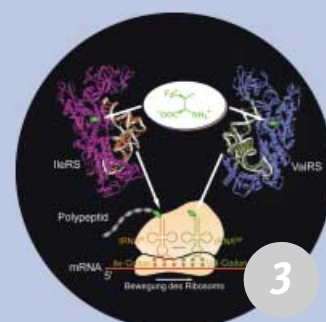
L. Vayssieres und M. Graetzel

Highly Ordered SnO₂ Nanorod Arrays from Controlled Aqueous Growth

Methanaktivierung

E. Iglesia und J. Wei

Structural and Mechanistic Requirements for Methane Activation and Chemical Conversion on Supported Iridium Clusters



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