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J. J. Weigand and K.-O. Feldmann

Multiple-Charged P_1 -Centered Cations: Perspectives in Synthesis

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H. Frauenrath and S. Schrettl

Elements for a Rational Polymer Approach towards Carbon Nanostructures

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D. K. Smith and A. Barnard

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N. A. J. M. Sommerdijk and F. Nudelman

Biomineralization as an Inspiration for Materials Chemistry

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K. L. Tan, D. Wang et al.

Silicon Nanowires as Photoelectrodes for Carbon Dioxide Fixation (**Cover Picture**)

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O. Dopfer, M. Fujii et al.

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R. Weissleder et al.

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S. N. Fedosov, B. Kräutler et al.

Reconstitution of the B₁₂ Macrocycle by Radical Ring Closure of a Blue Secocorrin (**Inside Back Cover**)

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F. Kleitz, T.-O. Do et al.

Controlled Synthesis of Titanate Nanodisks as Versatile Building Blocks for the Design of Hybrid Nanostructures (**Back Cover**)

Homogeneous Catalysis

N. Mizuno et al.

A Bifunctional Tungstate Catalyst for Chemical Fixation of CO₂ at Atmospheric Pressure

Synthetic Methods

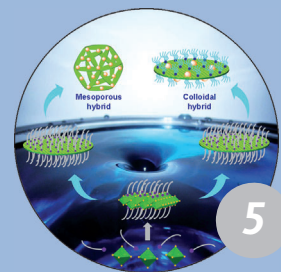
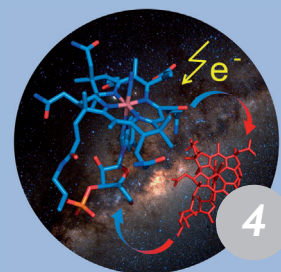
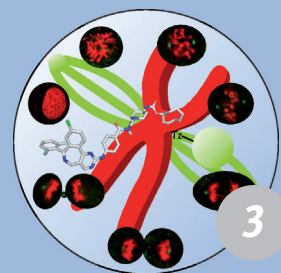
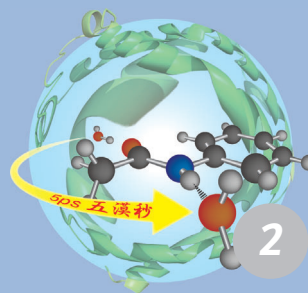
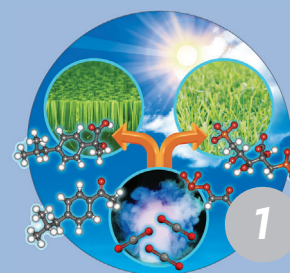
B. M. Trost and A. Quintard

Asymmetric Catalytic Alkynylation of Acetaldehyde: Application to the Synthesis of (+)-Tetrahydropyrenophorol

Enantioselective Catalysis

A. H. Hoveyda et al.

Copper-Catalyzed Enantioselective Allylic Substitution with Readily Accessible Carbonyl- and Acetal-Containing Vinylboron Reagents



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