

## Highlights

### Polymervesikel

Y. Morishima

Thermoresponsive Polymervesikel

### Kreuzkupplungen

O. Baudoin

Neue Methoden zur decarboxylierenden Biarylkupplung

## Aufsätze

### Chemiegeschichte

J. I. Seeman

Die Woodward-Doering-/Rabe-Kindler-Totalsynthese von Chinin: ein Mythos?

## Zuschriften

### Magnetische Materialien

P. W. Stephens, J. S. Miller et al.

Cross-Linked Layered Structure of Magnetically Ordered  $[\text{Fe}(\text{TCNE})_2] \cdot z\text{CH}_2\text{Cl}_2$  Determined by Rietveld Refinement of Synchrotron Powder Diffraction Data (Titelbild)

### Lithiierte Verbindungen

M. Saito et al.

Reduction of Phenyl Silyl Acetylenes with Lithium: Unexpected Formation of a Dilithium Dibenzopentalenide

### Peptidnucleinsäuren

D. H. Appella und E. A. Englund

$\gamma$ -Substituted Peptide Nucleic Acids Constructed from L-Lysine are a Versatile Scaffold for Multifunctional Display

### Goldkatalyse

A. Corma et al.

Catalysis by Gold(I) and Gold(III): A Parallelism between Homo- and Heterogeneous Catalysts for Copper-Free Sonogashira Cross-Coupling Reactions

### Diels-Alder-Cycloaddition

S. Quideau et al.

Total Synthesis of (+)-Aquatol by Biomimetic Phenol Dearomatization: Double Diastereofacial Differentiation in the Diels-Alder Dimerization of Orthoquinols with a  $C_2$ -Symmetric Transition State

### Mehrkomponentenkatalyse

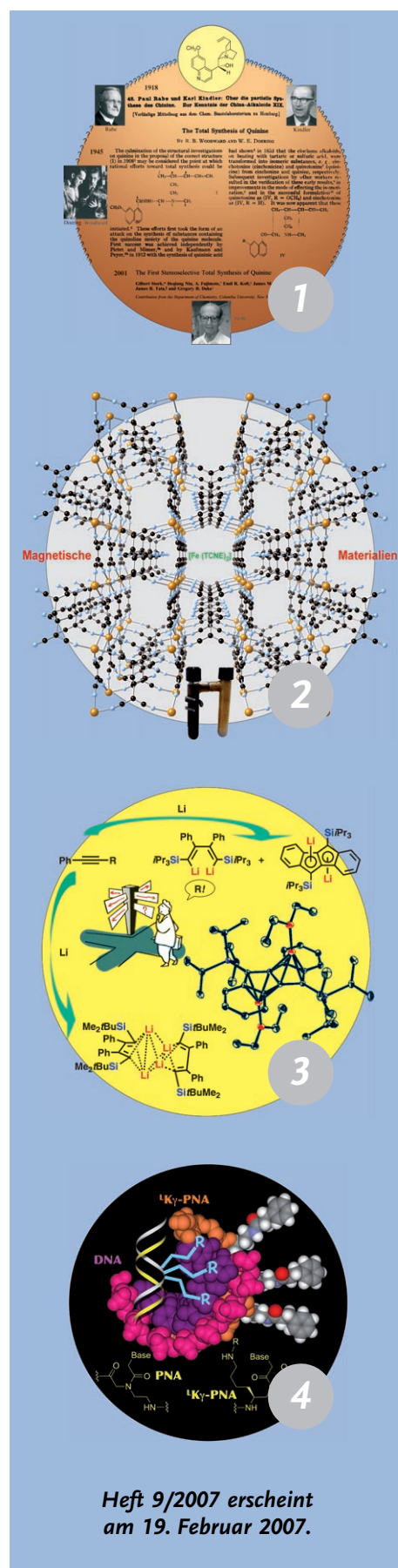
J. Barluenga et al.

The Azaallylic Anion as a Synthon for Pd-Catalyzed Synthesis of Heterocycles: Domino Two- and Three-Component Synthesis of Indoles

### Endohedrale Cluster

P. Pyykkö et al.

Towards a 32-Electron Principle:  $\text{Pu}@\text{Pb}_{12}$  and Related Systems



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