

## Highlights

### Fluorescent Probes

W. Guo et al.

Rhodamine-Inspired Far-Red to Near-Infrared Dyes and Their Application as Fluorescence Probes

### Nanosensors

A. Star and M. Ding

Selecting Fruits with Carbon Nanotube Sensors

## Minireviews

### Graphene Synthesis

X. Feng, K. Müllen et al.

From Nanographene and Graphene Nanoribbons to Graphene Sheets: Chemical Synthesis

## Reviews

### Concave Nanocrystals

Y. Xia et al.

Noble-Metal Nanocrystals with Concave Surfaces: Synthesis and Applications **(Inside Cover)**

## Communications

### $F_2$ in Nature

F. Kraus et al.

Occurrence of Difluorine  $F_2$  in Nature—In Situ Proof and Quantification by NMR Spectroscopy **(Cover Picture)**

### Protein-Based pH Sensor

P. R. Chen et al.

Converting a Solvatochromic Fluorophore into a Protein-Based pH Indicator for Extreme Acidity **(Frontispiece)**

### Cyclization

T. P. Loh, G. Zhong et al.

Catalytic Asymmetric [4+2] Annulation Initiated by an Aza-Rauhut–Currier Reaction: Facile Entry to Highly Functionalized Tetrahydropyridines **(Inside Back Cover)**

### Dye Deaggregation

O. A. Scherman et al.

Strongly Fluorescent, Switchable Perylene Bis(diimide) Host–Guest Complexes with Cucurbit[8]uril in Water **(Back Cover)**

### Asymmetric Catalysis

M. J. Krische et al.

Enantioselective Carbonyl Propargylation by Iridium-Catalyzed Transfer Hydrogenative Coupling of Alcohols and Propargyl Chlorides

### NHC–Boranes

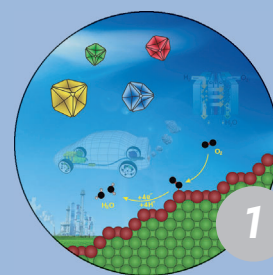
F. Glorius, S. Yamaguchi et al.

N-Heterocyclic Carbene Boranes as Electron-Donating and Electron-Accepting Components of  $\pi$ -Conjugated Systems

### Benzene Hydroxylation

Y. L. Zhao et al.

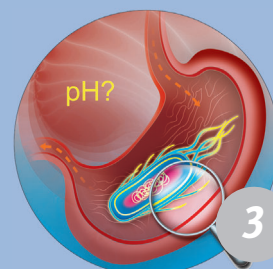
A Vanadyl Complex Grafted to Periodic Mesoporous Organosilica: A Green Catalyst for Selective Hydroxylation of Benzene to Phenol



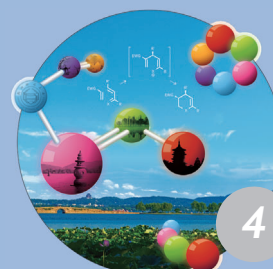
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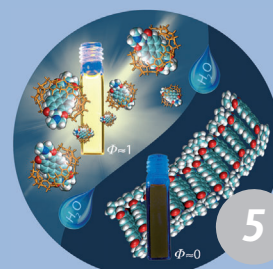
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