

A Journal of the Gesellschaft Deutscher Chemiker

# Angewandte Chemie

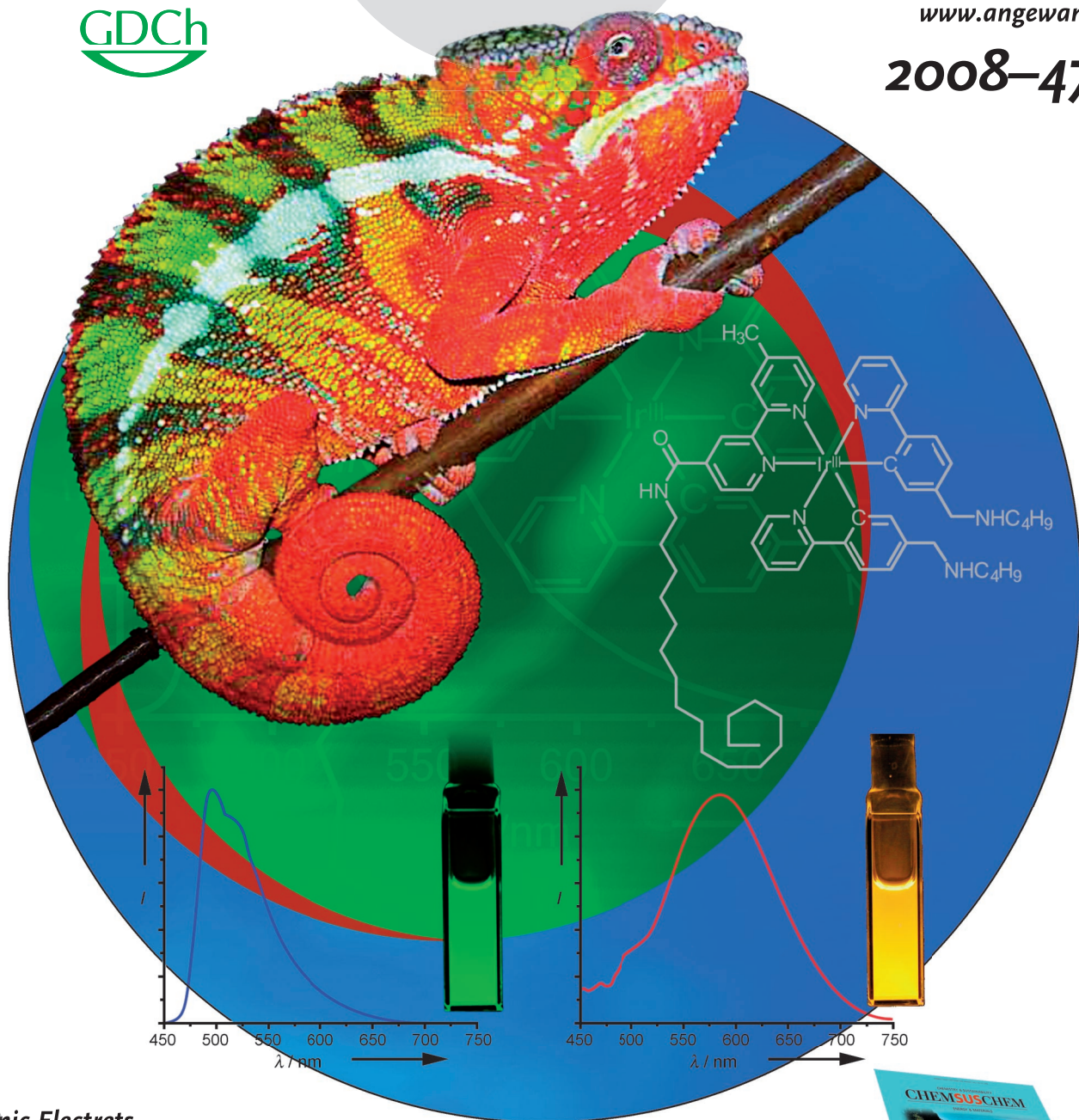
International Edition

D 3461

GDCh

www.angewandte.org

2008–47/12



## Ionic Electrets

G. M. Whitesides and L. S. McCarty

## Stereoselective Gold Catalysis

N. Krause and N. Bongers

## Copper-Free Azide–Alkyne Cycloadditions

J.-F. Lutz

## Molecular Magnesium(II) Compounds

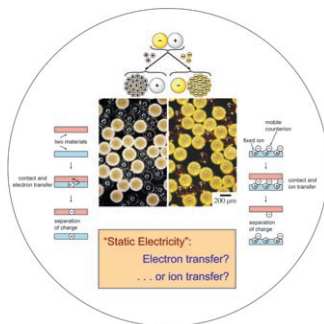
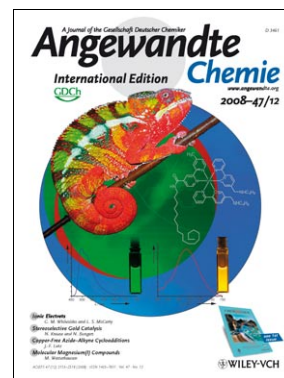
M. Westerhausen



## Cover Picture

**Kenneth Kam-Wing Lo,\* Kenneth Yin Zhang, Siu-Kit Leung, and  
Man-Chung Tang**

**Chameleons change their skin colors** in response to temperature and light conditions. In their Communication on page 2213 ff., K. K.-W. Lo et al. describe the discovery of an iridium–polypyridine complex that shows environment-sensitive dual emission. The incorporation of biological substrates into this system results in luminescent probes that exhibit pronounced changes in their emission profiles upon binding to their specific receptors. (Photograph: [www.screameleons.com](http://www.screameleons.com).)

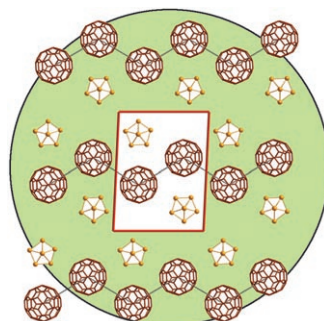
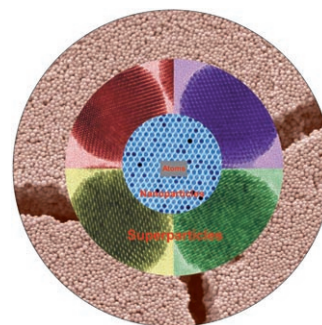


### *Ionic Electrets*

In the Review on page 2188 ff., G. M. Whitesides and L. S. McCarty discuss experimental evidence and theoretical models for ionic electrets, and propose a hypothesis by which the ion-transfer mechanism can also be responsible for the static electricity of, for example, organic polymers.

## Nanostructures

Just as atoms can assemble into nanoparticles, nanoparticles can assemble into superparticles. In the Communication on page 2208 ff., Y. C. Cao and co-workers describe a supramolecular approach to colloids of such materials.



## Cluster Compounds

M. Jansen and M. Schulz-Dobrick have synthesized the first compounds consisting of gold clusters and fullerides,  $[\text{Au}_7(\text{PPh}_3)_7]\text{C}_{60}\cdot\text{THF}$  and  $[\text{Au}_8(\text{PPh}_3)_8](\text{C}_{60})_2$ , as the authors describe in their Communication on page 2256 ff.