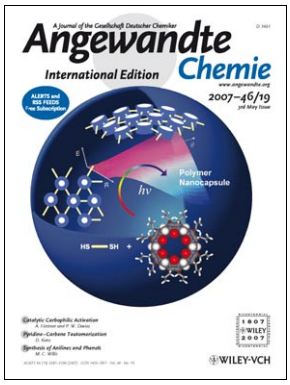
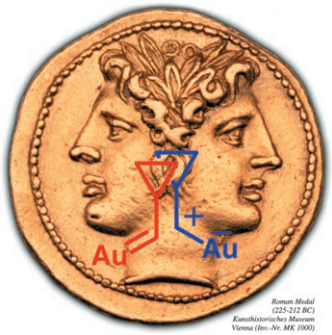
Cover Picture

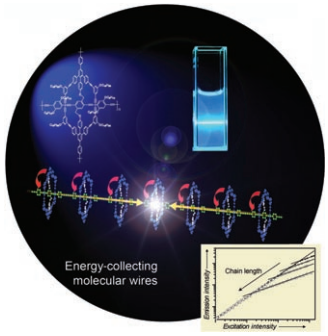


Dongwoo Kim, Eunju Kim, Jeeyeon Kim, Kyeng Min Park, Kangkyun Baek, Minseon Jung, Young Ho Ko, Wokyung Sung, Hyung Seok Kim, Ju Hyung Suh, Chan Gyung Park, Oh Sung Na, Dong-ki Lee, Kyung Eun Lee, Sung Sik Han, and Kimoon Kim*

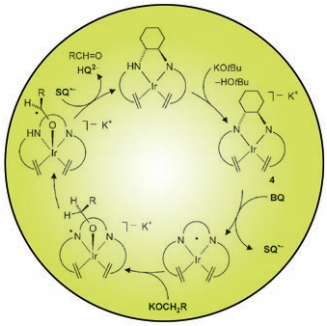
Polymer nanocapsules with a highly stable structure and relatively narrow size distribution were obtained without the use of any preorganized structure or template. In their Communication on page 3471 ff., K. Kim and co-workers report that photopolymerization of dithiols and allyloxycucurbit[6]uril spontaneously produces polymer nanocapsules as illustrated in the cover picture. The method appears to be applicable to any monomer with a flat core and multiple polymerizable groups at the periphery.



Catalytic Carbophilic Activation
In their Review on page 3410 ff., A. Fürstner and P. W. Davies describe platinum and gold π acids as catalysts for the organic syntheses of diverse compounds, including complex natural products.



Energy-Transfer Systems
S. Höger, J. M. Lupton, and co-workers describe in their Communication on page 3450 ff. a new approach to π-conjugated wires encapsulated within covalently bound shape-persistent macrocycles, which enable light harvesting as well as concentration of excitation energy within the core of the molecule.



Dehydrogenation of Alcohols
An iridium–nitrogen-radical complex acts as a highly active and selective catalyst for the dehydrogenation of primary alcohols to aldehydes. H. Grützmacher and co-workers describe the efficiency and mechanism of this system in their Communication on page 3567 ff.