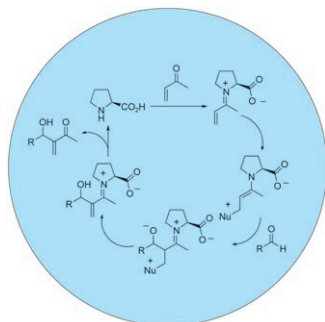


Cover Picture

K. C. Nicolaou,* David Sarlah, and David M. Shaw

The anti-HIV agent biyouyanagin A, which was isolated from the leaves of a *Hypericum* species, such as the one shown in the cover picture, has been synthesized by a photoinduced [2+2] cycloaddition reaction. The convergent 12-step synthesis, as described in the Communication by Nicolaou et al. on page 4708 ff., confirms its structure, renders it available for biological investigation, and also allows for the synthesis of analogues.

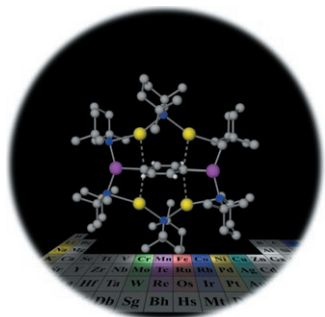
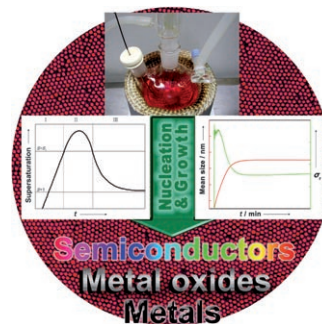


Morita–Baylis–Hillman Reactions

Organocatalysts have overtaken their metal-based counterparts in the Morita–Baylis–Hillman (MHB) reaction. G. Masson, J. Zhu, et al. discuss in their Minireview on page 4614 ff. the enantioselective MHB reaction and its aza variant.

Monodisperse Nanoparticles

The properties of nanocrystals can only be optimally utilized when they can be synthesized with uniform size. The synthesis of monodisperse, usually spherical, nanocrystals is discussed by T. Hyeon and co-workers in the Review on page 4630 ff.



Inverse-Crown Complexes

The double deprotonation of benzene by a sodium monoalkyl bisamido manganate(II) reagent led to an inverse-crown complex. R. E. Mulvey and co-workers describe in their Communication on page 4662 ff. the structure and magnetic properties of this compound.