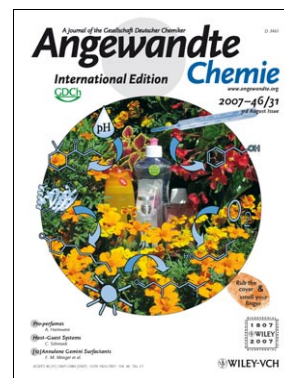


Cover Picture

Andreas Herrmann*

Scents emitted from flowers are highly volatile and can only be perceived for a limited period of time. To control their longevity in everyday perfumed products, they either can be encapsulated as the floral accord, as on the front cover, or released by chemical bond cleavage from pro-perfumes, as described in the Review by A. Herrmann on page 5836 ff. The floral accord was composed by Johannes Feser (Firmenich SA) and is based on hedione HC, helional, and hexenyl salicylate.

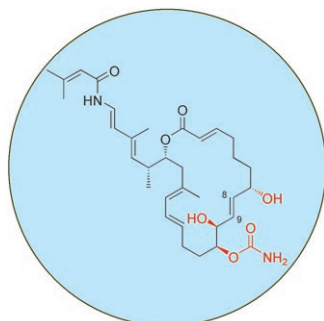
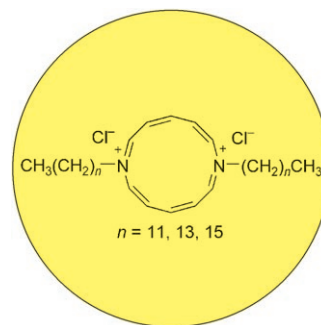


Biomass Conversion

In their Communication on page 5864 ff., L. D. Schmidt and co-workers describe an effective method for producing synthesis gas from solid biomass—one which avoids the formation of deactivating coke—by using a combination of thermal decomposition with partial oxidation.

Gemini surfactants

F. M. Menger and co-workers describe in their Communication on page 5889 ff. the synthesis of [12]annulene gemini surfactants. The minimum-energy conformation shows alternate shorter and longer bonds, with the N substituents pointing away from each other.



Palmerolide A

K C. Nicolaou, D. Y.-K. Chen, and co-workers have achieved the total synthesis of the original and revised structures of the marine antitumor agent palmerolide A. A modular strategy was used as described in their Communication on page 5896 ff.