

# ChemComm

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dynamic mixture

evaporation

The illustration shows a washing machine drum with a red towel inside. A pink detergent bottle is on the left. A yellow cloud in the center contains a chemical structure of a dynamic mixture:  $\text{N}^+(\text{CH}_3)_3\text{CH}_2\text{C}(=\text{O})\text{NH}\cdot\text{N}(\text{R}^1)=\text{C}(\text{R}^2)$ . Below this, a chemical reaction is shown:  $\text{N}^+(\text{CH}_3)_3\text{CH}_2\text{C}(=\text{O})\text{NH}\cdot\text{NH}_2 + \text{O}=\text{C}(\text{R}^1)=\text{C}(\text{R}^2) \rightleftharpoons \text{N}^+(\text{CH}_3)_3\text{CH}_2\text{C}(=\text{O})\text{NH}\cdot\text{N}(\text{R}^1)=\text{C}(\text{R}^2)$ . The word 'evaporation' is written in blue text at the bottom right.

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#### COMMUNICATION

Barbara Levrand, Yves Ruff, Jean-Marie Lehn and Andreas Herrmann  
Controlled release of volatile aldehydes and ketones by reversible hydrazone formation – “classical” profragrances are getting dynamic

#### FEATURE ARTICLE

Anca Bogdan, Yuliya Rudzевич, Myroslav O. Vysotsky and Volker Böhmer  
Topologically novel multiple rotaxanes and catenanes based on tetraurea calix[4]arenes



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