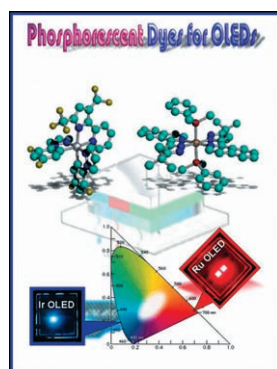
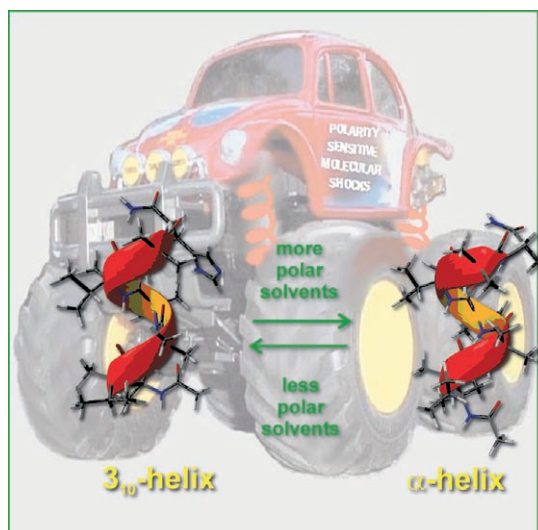


## Like shock absorbers in cars...

... short helical peptides rich in C<sup>α</sup>-tetrasubstituted amino acids change their elongation responding to an external stimulus. In fact, they behave like molecular springs and adjust their conformation according to the polarity of the medium in which they are dissolved. In solvents of high polarity (like water) they shrink, adopting an α-helix conformation, while in solvents of low polarity (like isopropanol) they elongate, adopting a 3<sub>10</sub>-helix conformation. Details of this behavior are to be found in the Full Paper by P. Scrimin, S. Mammi, L. Randaccio, L. Pasquato et al. on page 407 ff.

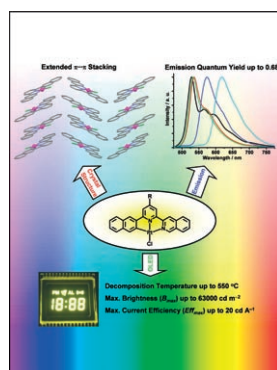
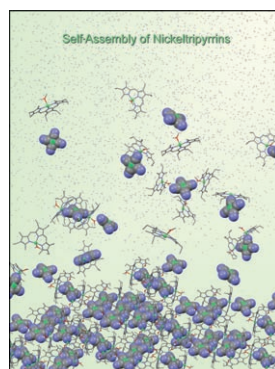


### Organic Light-Emitting Diodes

In their Concept article on page 380 ff., P.-T. Chou and Y. Chi describe the design and preparation of charge-neutral Os-, Ru-, Ir-, and Pt-based phosphorescence dyes suited for OLEDs. Also provided are succinct theoretical backgrounds for depicting the corresponding excitation behaviors, such that insights into the photophysical properties can be rationalized.

### Supramolecular Chemistry

In their Full Paper on page 396 ff., M. Bröring et al. describe the syntheses of nickel(II)tripyrins with different di-, tri-, and tetradentate anions from the pseudohalide, cyanidometallate, and salicylate classes. X-ray crystallographic analyses revealed that monomeric species, one-dimensional coordination polymers, or supramolecular three-dimensional networks can be formed.



### Photo- and Electroluminescent Platinum Complexes

In their Full Paper on page 417 ff., C. M. Che and co-workers describe platinum complexes that exhibit strong luminescence and extensive intra- and/or intermolecular π-π interactions.

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