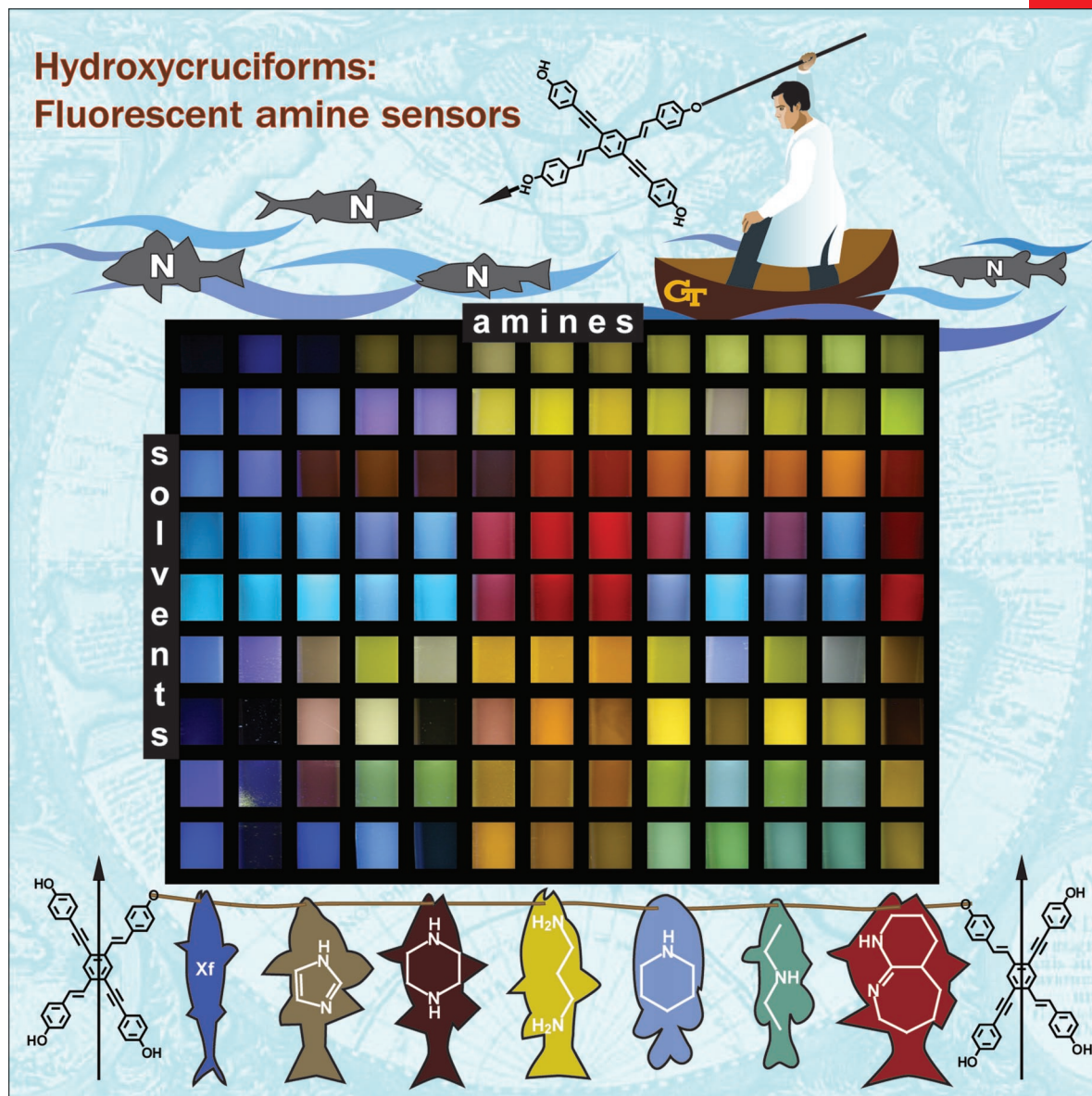


# CHEMISTRY

## A EUROPEAN JOURNAL

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### Concept

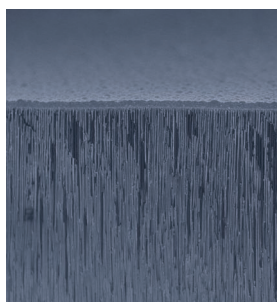
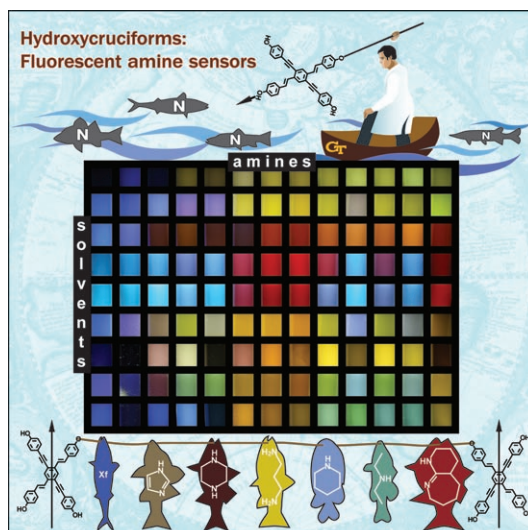
New Architectures for Dye-Sensitized Solar Cells

J. T. Hupp et al.

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... as shown in a panel in which the fluorescence response of the tetrahydroxycruciforms upon addition of different amines is depicted. Surprisingly, the amine responses are mediated by the solvent, so that a single cruciform structure forms a small sensory nose/tongue array. For more details see the Full Paper on page 4503 ff. by U. H. F. Bunz et al.

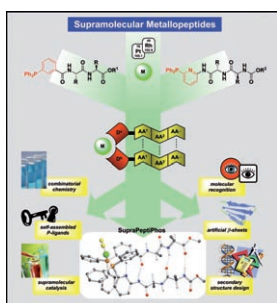
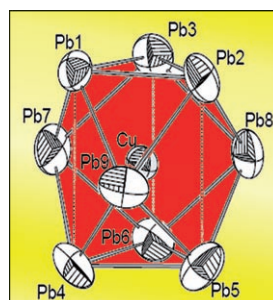


## Solar Cells

In their Concept article on page 4458 ff., J. T. Hupp et al. explore the direct and indirect benefits of alternative photoanode architectures in dye-sensitized solar cells.

## Cluster Compounds

In their Communication on page 4479 ff., T. F. Fässler et al. report on the structural and spectroscopic characterization of the first representatives of clusters containing endohedral Cu atoms in an almost perfectly spherical environment of nine tin or lead atoms; two clusters that were not foreseen by gas-phase experiments.



## Supramolecular Metallopeptides

In their Full Paper on page 4488 ff., B. Breit et al. present a perspective interface between secondary structure design and supramolecular catalysis. The novel strategy is applicable to the design of  $\beta$ -sheet mimetics as well as to the screening of libraries of self-assembled peptide-based P ligands (SupraPeptiPhos).

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