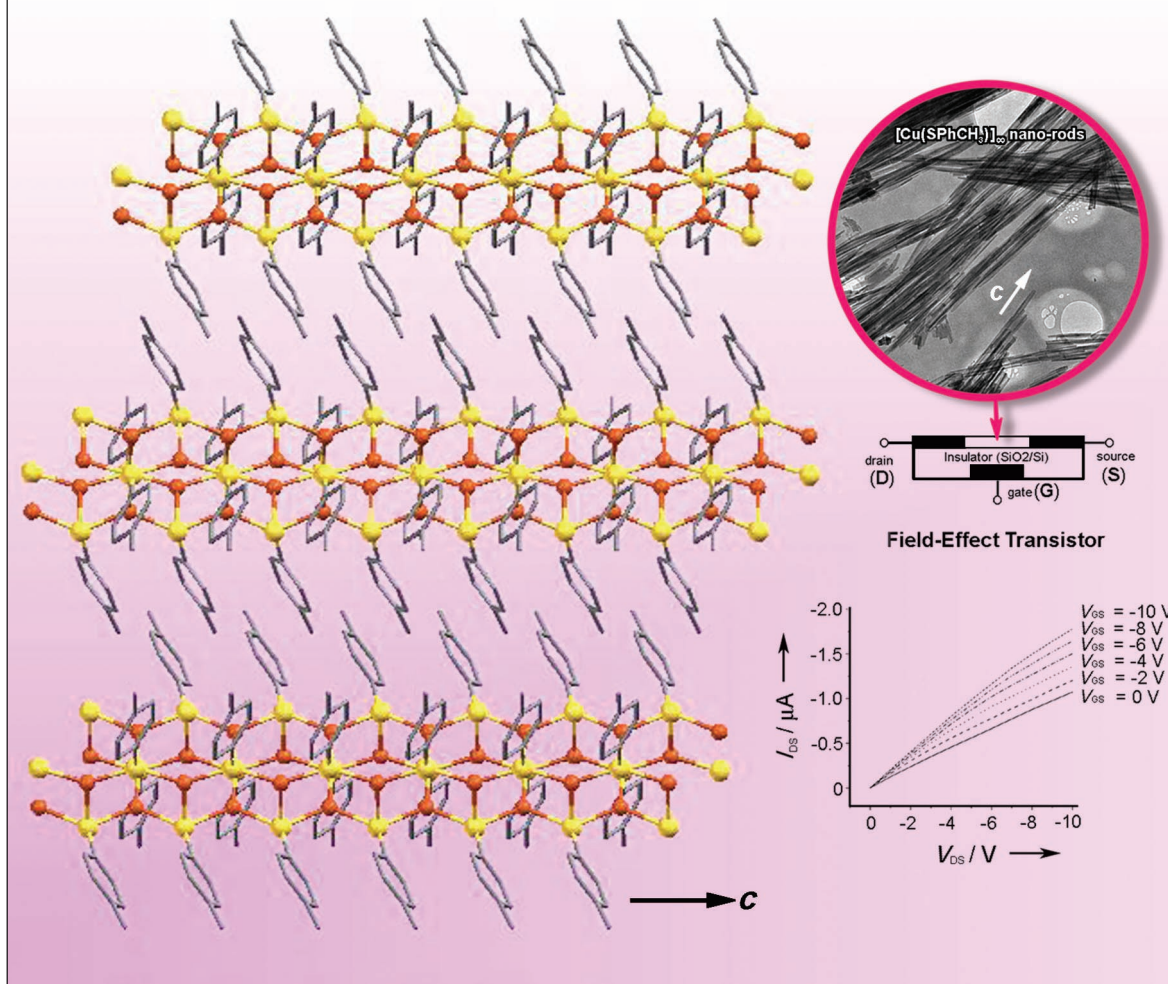


[Cu(SPhCH₃)]_∞ nanorod FET device



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Communications



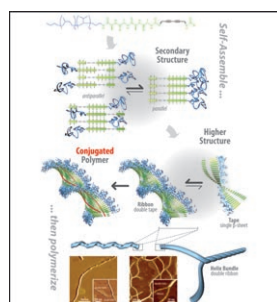
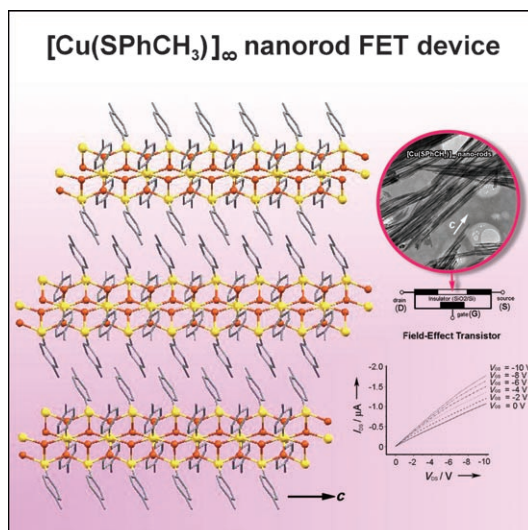
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Concept

A General Concept for the Preparation of Hierarchically
Structured π -Conjugated Polymers
H. Frauenrath and E. Jahnke

Polymeric homoleptic...

... copper(I) arylthiolates as a new class of p-type charge carriers are described by C.-M. Che et al. in their Full Paper on p. 2965 ff. complemented by structural and charge mobility studies.

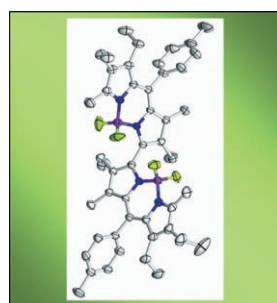
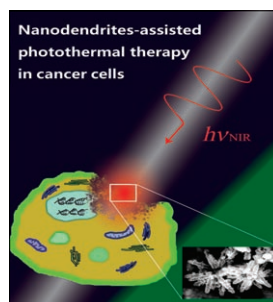


π -Conjugated Polymers

In their Concepts article on page 2942 ff., H. Frauenrath and E. Jahnke describe a general strategy toward hierarchically structured π -conjugated polymers that relies on the design of supramolecular scaffolds based on β -sheet-forming oligopeptide-polymer conjugates.

Photothermal Therapeutic Agents

In their Full Paper on page 2956 ff., C.-S. Yeh et al. present a new class of $\text{Au}_x\text{Ag}_{1-x}$ nanostructured dendrites with a hollow interior. The composition of the Au/Ag ratio is tunable and it was found that hollow $\text{Au}_{0.3}\text{Ag}_{0.7}$ dendrites exhibited strong NIR absorption and good biocompatibility. The NIR absorption band of $\text{Au}_{0.3}\text{Ag}_{0.7}$ dendrites allows them to serve as photothermal absorbers for photothermal therapy.



Dyes and Pigments

In their Full Paper on page 2976 ff., M. Bröring et al. have reported the preparation, structure determination, and spectroscopic characterization of a set of highly fluorescent covalent BODIPY dimers (bisBODIPYs). As a result of the specific conformation of these species, which is present in the solid state and in solution, the photophysical properties deviate significantly from those of the monomers.

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