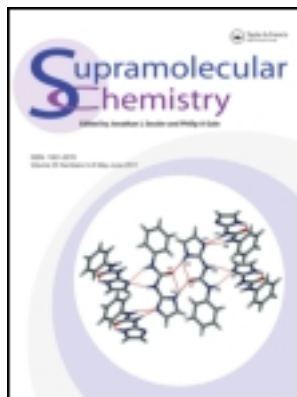


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Index Abstracts

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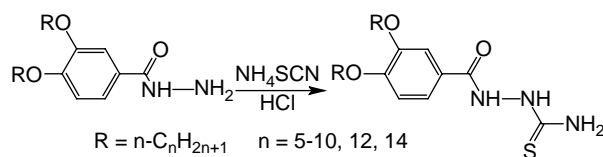
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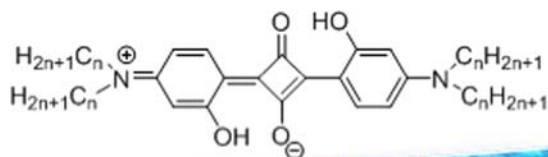
Index Abstracts



E.Y. Elgueta, M.L. Parra, J. Barberá,
J.M. Vergara and J.A. Ulloa

Novel supramolecular columnar liquid crystals
based on thiosemicarbazides

721–730

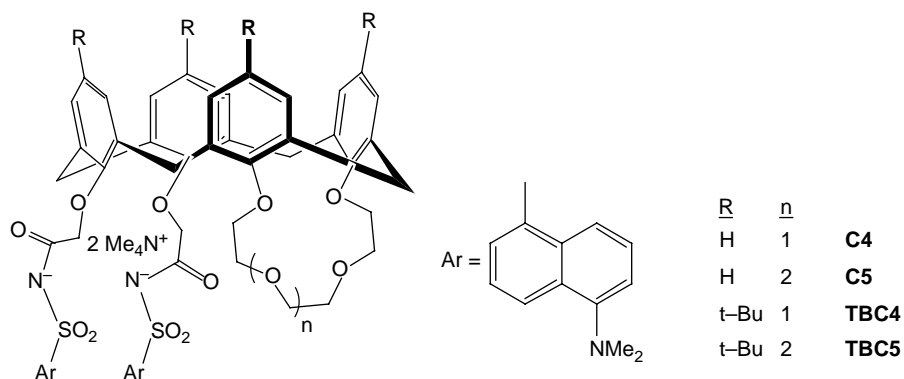


Maher A. Qaddoura, Kevin D. Belfield,
Paul Tongwa, Jessica E. DeSanto, Tatiana
V. Timofeeva and Paul A. Heiney

Thermotropic behaviour, self-assembly and
photophysical properties of a series of
squaraines

731–742

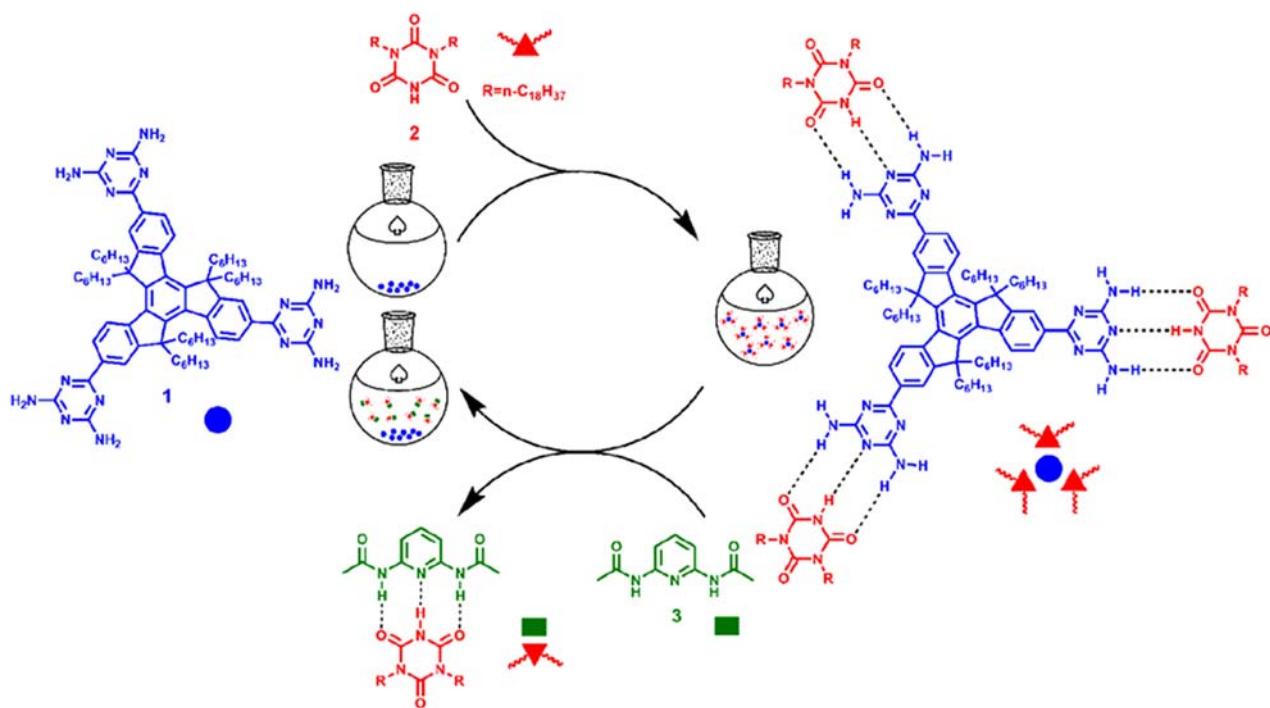




Ümmühan Ocak, Miraç Ocak, Chuqiao Tu and Richard A. Bartsch

Metal ion complexation in acetonitrile by cone, di-ionised calix[4]arene-1,2-crown ethers with two pendant dansyl fluorophores

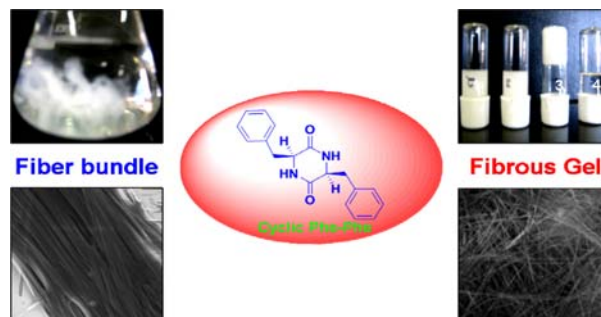
743–752



Fan Gao, Yichen Tan, Yue Yu, Hao Chen and Yuguo Ma

Reversible solubilisation through hydrogen-bond-mediated assembly

753–758

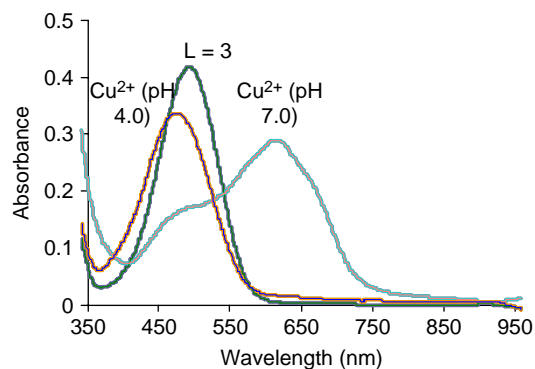
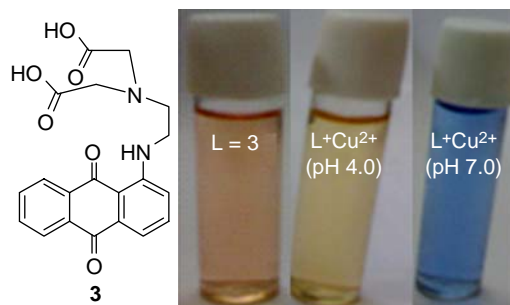


Simple aromatic cyclic dipeptide (Phe-Phe) spontaneously self-assembles to form fibre bundles. The fibre bundles exhibit structural hierarchy that is found in natural fibres with high thermal stability and propensity for gelation

T. Govindaraju

Spontaneous self-assembly of aromatic cyclic dipeptide into fibre bundles with high thermal stability and propensity for gelation

759–767

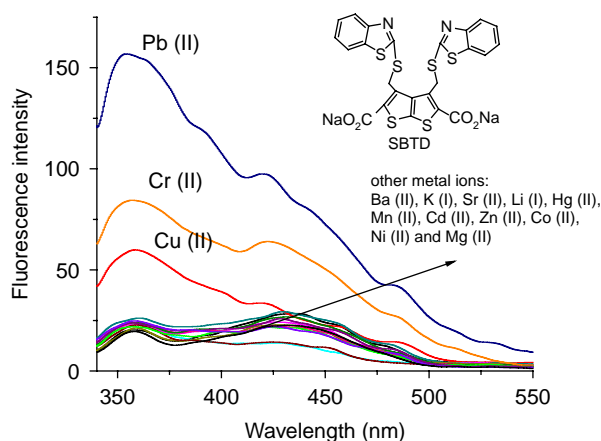


Carboxylic acid–diamine-based Cu²⁺ chromogenic sensor (**3**; λ_{\max} 492 nm) shows multiple modes of complexation towards Cu²⁺. It is very much evident from the appearance of blue colour (λ_{\max} 615 nm) at pH > 7.0 and yellow colour (λ_{\max} 465 nm) at pH < 4.0. Also, versatile input–optical output features have been used for elaboration of ‘INHIBIT’ and ‘TRANSFER’ logic gates

Navneet Kaur and Subodh Kumar

Insights into the photophysics, protonation and Cu²⁺ ion coordination behaviour of anthracene-9,10-dione-based chemosensors

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Jing Cao, Hai Yan Deng, Chen Hui Wang, Yao Xiao, Ming Ren and You Wei Zhang

A highly selective fluorescence chemosensor for Pb(II) in neutral buffer aqueous solution

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