
Supramolecular Dye Chemistry

utilizing redox-chemistry to elucidate the nature of ... - utilizing redox-chemistry to elucidate the nature of exciton transitions in supramolecular dye nanotubes d. m. eisele 1,2,c.wne3, e. a. bloemsma4,s.m.vlaming1,4,c.g.fnderkwaak4,r.jlbey1, †, m. g. bawendi1,joester4 *,j.p.rabe2 and d. a. vanden bout3 **supramolecular assemblies that interact with light have recently garnered much interest as well-defined nanoscale materials for ...** **supramolecular hair dyes: a new application of ...** - journal name article this journal is ' the royal society of chemistry 20xx j. name., 2013, 00, 1-3 | 3 please do not adjust margins please do not adjust margins **progress in the synthesis of perylene bisimide dyes** - supramolecular dye chemistry at basf in ludwigshafen and the university of ulm. in 2002, he became a professor at the university of wüzburg. his research interests include the synthesis of novel π -scaffolds and their application in organic elec-tronics, the construction of complex supramolecular architectures, the mechanistic elucidation of self-assembly processes, and the investigation of ... **utilizing redox-chemistry to elucidate the nature of ...** - utilizing redox-chemistry to elucidate the nature of exciton transitions in supramolecular dye nanotubes d. m. eisele 1,2, c. w. cone 3, e. a. bloemsma 4, **supramolecular dye aggregate assembly ...** - **pubss** - to be quite promising in the field of analytical chemistry is the usage of supramolecular assemblies as sensing ensembles. the current focus and interest in using supramolecular assemblies as sensory ensembles over conventional fluorescent sensors arise owing to certain distinctive features of these supramolecular assemblies. supramolecular hosts, in combination with fluorescent dyes ... **supramolecular organization of dye molecules in zeolite I ...** - supramolecular organization of dye molecules in zeolite I channels: synthesis, properties and composite materials. pengpeng caoa, oleg khorevb, andré devauxa,*, lucie sãgesserc, andreas kunzmann, achim eckerc, **self-assembly of optical molecules with supramolecular ...** - implications in the broad area of supramolecular dye chemistry and functional nanoarchitectures. figure 1. squaraine dyes. the effect of metal cation binding on host guest chemistry is a subject of considerable interest due to its implications in many fields such as biology, medicine and environmental studies [13]. among various metal cation chemosensors, the design of cation-specific sensors ... **adsorption of anionic dyes from water by thermostable ...** - piate dye molecules may be filled into the 3d skeleton of supramolecular hydrogel via the π -stacking interaction with tpe moieties and the electrostatic attraction with **versatile supramolecular ph-tolerant hydrogels which ...** - versatile supramolecular ph-tolerant hydrogels which demonstrate ph-dependent selective adsorption of dyes from aqueous solution . babatunde o. okesola and david k smith* **light emission enhancement by supramolecular complexation ...** - supramolecular complexes by imaging of enzymatic activity and bio-analytes in vitro and in vivo.we anticipate that the described chemiluminescence supramolecular dioxetane probes will find use in various biological applications. **lamellar supramolecular materials based on a chelated ...** - lamellar supramolecular materials based on a chelated metal complex for organic dye adsorption† yan an zhang,a yun yan,*b jide wang*a and jianbin huang*ab **bay-substituted perylene bisimides:twisted fluorophores ...** - bay-substituted perylene bisimides:twisted fluorophores for supramolecular chemistry* ... duces the, otherwise often observed, fluorescence quenching in dye aggregates. thus, bright luminescent cyclic and polymeric supramolecular architectures have become available from these dyes by hydrogen-bond and metal-ion directed self-assembly. in those cases where ad-ditional π - π -stacking ... **fluorescent neuraminidase assay based on supramolecular ...** - fluorescent neuraminidase assay based on supramolecular dye capture after enzymatic cleavage wenqi liu, cesar f. a. gómez-dura n, and bradley d. smith* department of chemistry and biochemistry, university of notre dame, 236 nieuwland science hall, notre dame, indiana 46556, united states *s supporting information abstract: a conceptually new type of enzymatic cleavage assay is reported ... **journal name - pureportalrath** - supramolecular hair dyes: a new application of cocrystallization amit delori, [a]* andrew j. urquhart [b]* and iain d. h. oswald [a]* abstract: the manuscript presents the first report of hair dyes of various colors formed by the cocrystallization reactions. **azobenzene dye-coupled quadruply hydrogen-bonding modules ...** - beilstein j. org. chem. 2012, 8, 486-495. 488 figure 2: illustration of the use of deug-dye and dan-dye as colorimetric indicators for supramolecular interactions through specific quadruply

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