

C3.8 (M. Mayor)

- [C3.8:1] L. Shu, Z. Mu, H. Fuchs, L. Chi, and M. Mayor, *A self assembled molecular zipper based on a perfluorophenyl-phenyl diacetylene motif*, Chem. Comm. 1862 (2006)
- [C3.8:2] L. Shu and M. Mayor, *Shape persistent macrocycle with a self complementary recognition pattern based on diacetylene linked alternating hexylbenzene- and perfluorobenzene- rings*, Chem. Comm. 4134 (2006)
- [C3.8:3] Z. Mu, L. Shu, H. Fuchs, M. Mayor, and L. Chi, *Two Dimensional Chiral Networks Emerging from the Aryl-F[⋯]H Hydrogen-Bond-Driven Self-Assembly of Partially Fluorinated Rigid Molecular Structures*, J. Am. Chem. Soc. **130**, 10840 (2008)
- [C3.8:4] * ‡ L. Shu, M. Müri, R. Krupke, M. Mayor, *Shape-persistent macrocycles comprising perfluorinated benzene subunits: synthesis, aggregation behaviour and unexpected μ -rod formation*, Org. Biomol. Chem. **7**, 1081 (2009)
- [C3.8:5] * ‡ C. Pérez León, C. Sürgers, M. Mayor, M. Marz, R. Hoffmann, and H. v. Löhneysen, *STM Investigation of Large π -Conjugated Oligomers and Tetrahydrofuran Codeposited on Cu(111) by Pulse Injection*, J. Phys. Chem. C, **113**, 14335 (2009)
- [C3.8:6] * ‡ M. Barczewski, S. Walheim, T. Heiler, A. Błaszczuk, M. Mayor, T. Schimmel, *High Aspect Ratio Constructive Nanolithography with a Photo Dimerizable Molecule*, Langmuir **26**, 3623 (2010)
- [C3.8:7] ‡ A. Dreas-Wlodarczak, M. Müllneritsch, T. Juffmann, C. Cioffi, M. Arndt, and M. Mayor, *Immobilization of Zinc Porphyrin Complexes on Pyridine-Functionalized Glass Surfaces*, Langmuir **26**, 10822 (2010)
- [C3.8:8] * ‡ C.W. Marquardt, S. Grunder, A. Błaszczuk, S. Dehm, F. Hennrich, H. v. Löhneysen, M. Mayor, and R. Krupke, *Electroluminescence from a single nanotube-molecule-nanotube junction*, Nature Nanotechnology **5**, 863 (2010)
- [C3.8:9] * ‡ F.A. Lemasson, T. Strunk, P. Gerstel, F. Hennrich, S. Lebedkin, C. Barner-Kowollik, W. Wenzel, M.M. Kappes, and M. Mayor, *Selective Dispersion of Single-Walled Carbon Nanotubes with Specific Chiral Indices by Poly(N-decyl-2,7-carbazole)*, J. Am. Chem. Soc. **133**, 652 (2011)
- [C3.8:10] * ‡ S. Grunder, D. Muñoz Torres, C. Marquardt, A. Błaszczuk, R. Krupke, and M. Mayor, *Synthesis and Optical Properties of Molecular Rods Comprising a Central Core-Substituted Naphthalenediimide Chromophore for Carbon Nanotube Junctions*, Eur. J. Org. Chem. 478 (2011)
- [C3.8:11] ‡ Z. Mu, L. Shu, H. Fuchs, M. Mayor, and L. Chi, *Two-dimensional Self-Assembly of Linear Molecular Rods at Liquid/Solid Interface*, Langmuir **27**, 1359 (2011)
- [C3.8:12] * N. Berton, F. Lemasson, J. Tittmann, N. Stürzl, F. Hennrich, M. Kappes, and M. Mayor, *Copolymer-controlled diameter-selective dispersion of semiconducting single-walled carbon nanotubes*, Chem. Mater. **23**, 2237 (2011)
- [C3.8:13] ‡ S. Eibenberger, S. Gerlich, M. Arndt, J. Tüxen, and M. Mayor, *Electric moments in molecule interferometry*, New J. Phys. **13**, 043033 (2011)
- [C3.8:14] * F. Lemasson, J. Tittmann, F. Hennrich, N. Stürzl, S. Malik, M.M. Kappes, and M. Mayor, *Debundling, selection and release of SWNTs using fluorene-based photocleavable polymers*, Chem. Commun. **47**, 7428 (2011)