

Maryline Beyler >> Liste des publications

1. *Quantitative formation of a tetraporphyrin [2]catenane via copper and zinc coordination*, M. Beyler, V. Heitz, J.-P. Sauvage, *Chem. Comm.*, **2008**, 5396-5398.
2. *Various synthetic routes to a gable-like bis-porphyrin constructed on a 1,10-phenanthroline chelate*, M. Beyler, C. Beelmanns, V. Heitz, J.-P. Sauvage, *Eur. J. Org. Chem.*, **2009**, 2801-2805.
3. *A three-component non-covalent assembly consisting of a central tetrakis-4-pyridyl porphyrin and two lateral gable-like bis-Zn porphyrins*, M. Beyler, V. Heitz, J.-P. Sauvage, B. Ventura, L. Flamigni, K. Rissanen, *Inorg. Chem.*, **2009**, 48, 8263-8270.
4. *Coordination chemistry-assembled porphyrinic catenanes*, M. Beyler, V. Heitz, J.-P. Sauvage, *J. Am. Chem. Soc.*, **2010**, 132, 4409-4417.
5. *Dual role of Cu(I) as protective group and template in the synthesis of a tetra-rhodium(III)porphyrin [2]catenane*, M. Beyler, V. Heitz, J.-P. Sauvage, *New J. Chem.*, **2010**, 34, 1825-1829.
6. *Unusual photoinduced electron transfer from a zinc porphyrin to a tetrapyrrolyl free-base porphyrin in a noncovalent multiporphyrin array*, L. Flamigni, B. Ventura, M. Beyler, V. Heitz, J.-P. Sauvage, *Chem. Eur. J.*, **2010**, 16, 8748-8756.
7. *A non covalently assembled porphyrinic catenane consisting of two interlocking [43]-membered rings*, M. Beyler, V. Heitz, J.-P. Sauvage, *New J. Chem.*, **2011**, 35, 1751-1757.
8. *Pentacoordinate iron complexes as functional models of the distal iron in [FeFe] hydrogenases*, M. Beyler, S. Ezzaher, M. Karnahl, M.-P. Santoni, R. Lomoth, S. Ott, *Chem. Commun.*, **2011**, 47, 11662-11664.
9. *Templated Synthesis of Catenanes Incorporating Zn(II) or Rh(III)-Complexed Porphyrins: The Coordination Chemistry-Only Approach*, M. Beyler, V. Heitz, J. Taesch, J.-P. Sauvage, *J. Porphyrins Phthalocyanines*, **2011**, 15, 848-857.
10. *Photoelectrochemical Hydrogen Generation by an [FeFe] Hydrogenase Active Site Mimic at a p-Type Silicon/Molecular Electrocatalyst Junction*, B. Kumar, M. Beyler, C. P. Kubiak, S. Ott, *Chem. Eur. J.*, **2012**, 18, 1295-1298.
11. *Light-Driven Electron Transfer between a Photosensitizer and a Proton-Reducing Catalyst Co-adsorbed to NiO*, J. M. Gardner, M. Beyler, M. Karnahl, S. Tschierlei, S. Ott, L. Hammarström, *J. Am. Chem. Soc.*, **2012**, 134, 19322-19325.
12. *Coordination Chemistry-Assembled Multicomponent Systems Built from a Gable-Like Bis-Porphyrin: Synthesis and Photophysical Properties*, M. Beyler, L. Flamigni, V. Heitz, J.-P. Sauvage, B. Ventura, *Photochem. Photobiol.*, 2013, doi: 10.1111/php.12177
13. *Lead(II) and Bismuth(III) chelates based on trans-di-N-picolinate tetraazacycloalkanes*, French Patent, Submission No. 1000195571, application No. 1355212, 06.06.2013, R. Tripier, C. Platas Iglesias, L. Lima, M. Beyler.