

CURRICULUM VITAE

GRELLIER Mary

Personal Details:

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Education :

Mars 1996 : Doctorat de l'université (Université Louis Pasteur, STRASBOURG)

Work experience:

Octobre 1995-septembre 2000 P.R.A.G. Université Louis Pasteur, Strasbourg

Octobre 2000- Maître de Conférences, Université Paul Sabatier, TOULOUSE

Research Interests: Organometallic Chemistry, Catalysis, Coordination chemistry.

Publications:

18 publications parues ou sous presse (2 J. Am. Chem. Soc., 5 Organometallics, 1 Angew. Chem. Int. Ed., 2 Eur. J. Inorg. Chem., 2 Chem. Commun., 2 Dalton Trans., 1 J. Organomet. Chem., 1 Tetrahedron Lett., 2 chapîtres de livre)

Five recent references:

* Access to Ruthenium(0) Carbonyl Complexes via Dehydrogenation of a Tricyclopentylphosphine Ligand and Decarbonylation of Alcohols
P. D. Bolton, M. Grellier, N. Vautravers, L. Vendier, S. Sabo-Etienne *Organometallics*, **2008**, *27*, 5088-5093.

* Synthesis and Reactivity of Ruthenium Arene Complexes Incorporating Novel Ph₂PCH₂CH₂BR₂ Ligands. Easy Access to the Four-Membered Ruthenacycle [(*p*-cymene)RuCl(κ C,P-CH₂CH₂PPh₂)]
Jérôme Verognaud, Mary Grellier, Ghenwa Bouhadir, Laure Vendier, Sylviane Sabo-Etienne, Didier Bourissou
Organometallics, **2008**, *27*, 1140.

* Agostic Si-H bond coordination assists C-H bond activation at ruthenium in bis(phosphinobenzylsilane) complexes.
V. Montiel-Palma, M. A. Munoz-Hernandez, T. Ayed, J.-C. Barthelat, M. Grellier, L. Vendier, S. Sabo-Etienne, *Chemical Communications* **2007**, 3963

* Ruthenium Complexes Carrying Hydride, Dihydrogen, and Phosphine Ligands : Reversible Hydrogen Release
M. Grellier, L. Vendier, S. Sabo-Etienne
Angewandte Chemie, International Edition **2007**, *46*, 2613.

* Synthesis, Neutron Structure and Reactivity of the Bis(dihydrogen) Complex RuH₂(η^2 -H₂)₂(PCyp₃)₂ Stabilized by
M. Grellier, L. Vendier, B. Chaudret, A. Albinati, S. Rizzato, S. Mason, S. Sabo-Etienne, *J. Am. Chem. Soc.*, **2005**, *127*, 17592-17593.