

## Publications-Vincent César

- 15) V. César, N. Lugan, G. Lavigne, *Eur. J. Inorg. Chem.* **2010**, 361-365.  
“Reprogramming of a malonic N-heterocyclic carbene: a simple backbone modification with dramatic consequences on the ligand’s donor properties.”
- 14) L. Benhamou, J. Wolf, V. César, A. Labande, R. Poli, N. Lugan, G. Lavigne, *Organometallics*, **2009**, 28, 6981-6993.  
“Chelation-assisted reactions of phosphine- and olefin-tethered imidazolium derivatives and their affiliated N-heterocyclic carbenes with Roper’s complex  $\text{Ru}(\text{CO})_2(\text{PPh}_3)_3$ .”
- 13) L. Benhamou, V. César, H. Gornitzka, N. Lugan, G. Lavigne, *Chem. Commun.* **2009**, 4720-4722.  
“Imidazol-2-ylidene-4-olate: an anionic N-heterocyclic carbene pre-programmed for further derivatization”
- 12) V. César, S. Bellemin-Laponnaz, *Actual. Chim.* **2009**, 326, 8-14.  
“Les carbènes N-hétérocycliques : de formidables ligands pour la chimie organométallique.”
- 11) V. César, N. Lugan, G. Lavigne, *J. Am. Chem. Soc.* **2008**, 130, 11286-11287.  
“A Stable Anionic N-Heterocyclic Carbene and its Zwitterionic Complexes.”
- 10) A. Fürstner, M. Alcarazo, V. César, H. Krause, *Org. Synth.* **2008**, 85, 34-44.  
“Preparation of non-symmetrical imidazolium salt : 1-adamantyl-3-mesityl-4,5-dimethylimidazolium tetrafluoroborate.”
- 9) L. Benhamou, V. César, N. Lugan, G. Lavigne, *Organometallics* **2007**, 26, 4673-4676.  
“Snapshot of a Chelation-Assisted C-H/Alkyne Coupling: A Ruthenium Complex Caught in the Act of C-C Bond Formation.”
- 8) A. Fürstner, M. Alcarazo, V. César, C. W. Lehmann, *Chem. Commun.* **2006**, 2176-2178.

“Convenient, scalable and flexible method for the preparation of imidazolium salts with previously inaccessible substitution patterns.”

7) N. Schneider, V. César, S. Bellemin-Laponnaz, L. H. Gade, *Organometallics* **2005**, *24*, 4886-4888.

“Modular Assembly of a Chiral Bis(oxazoliny)carbene: A New Meridionally Coordinating Tridentate Spectator Ligand.”

6) N. Schneider, V. César, S. Bellemin-Laponnaz, L. H. Gade, *J. Organomet. Chem.* **2005**, *690*, 5556-5561.

“Synthesis and Structural Chemistry of Oxazoliny-Carbene Copper(I) Complexes.”

5) V. César, S. Bellemin-Laponnaz, H. Wadepohl, L. H. Gade, *Chem. Eur. J.* **2005**, *11*, 2862-2873.

“Designing the “*Search Pathway*” in the Development of a New Class of Highly Efficient Stereoselective Hydrosilylation Catalysts.”

4) V. César, S. Bellemin-Laponnaz, L. H. Gade, *Chem. Soc. Rev.* **2004**, 619-636.

“Chiral N-Heterocyclic Carbenes as Stereodirecting Ligands in Asymmetric Catalysis.”

3) V. César, S. Bellemin-Laponnaz, L. H. Gade, *Eur. J. Inorg. Chem.* **2004**, 3436-3444.

“Cationic and Neutral Oxazoline-Carbene-Rhodium(I) Complexes.”

2) L. H. Gade, V. César, S. Bellemin-Laponnaz, *Angew. Chem. Int. Ed.* **2004**, *43*, 1014-1017.

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“Direct Coupling of Oxazolines and N-Heterocyclic Carbenes : A Modular Approach to a New Class of C-N Donor Ligands for Homogeneous Catalysis.”