

# Renan Cariou

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

498  
citations

759233

12  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

634  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | The effect of the central donor in bis(benzimidazole)-based cobalt catalysts for the selective cis-1,4-polymerisation of butadiene. Dalton Transactions, 2010, 39, 9039.   | 3.3  | 79        |
| 2  | Simple Ruthenium Precatalyst for the Synthesis of Stilbene Derivatives and Ring-Closing Metathesis in the Presence of Styrene Initiators. Advanced Synthesis and Catalysis, 2007, 349, 546-550.  | 4.3  | 62        |
| 3  | 1,3-Butadiene Polymerization by Bis(benzimidazolyl)amine Metal Complexes: Remarkable Microstructural Control and a Protocol for In-Reactor Blending of <i>trans</i> -1,4-, <i>cis</i> -1,4-, and <i>cis</i> -1,4- <i>cis</i> -1,2-Vinylpolybutadiene. Macromolecules, 2009, 42, 1443-1444. | 4.8  | 62        |
| 4  | A Bidentate NHC-alkenyl Ruthenium(II) Complex via Vinyl C-H Bond Activation. Organometallics, 2006, 25, 2126-2128.   | 2.3  | 60        |
| 5  | Thio-Pybox and Thio-Phebox complexes of chromium, iron, cobalt and nickel and their application in ethylene and butadiene polymerisation catalysis. Dalton Transactions, 2012, 41, 5949.   | 3.3  | 51        |
| 6  | A Cis-Bis-Mixed-Carbene Ruthenium Hydride Complex: An Olefin-Selective Hydrogenation Catalyst. Organometallics, 2012, 31, 802-805.   | 2.3  | 36        |
| 7  | Reactivity of Terminal Electrophilic Phosphinidene Complexes: Synthesis of the First Rhenium Phosphinidene, [Re(CO) <sub>5</sub> ( <i>i</i> -1-PNiPr <sub>2</sub> )] [AlCl <sub>4</sub> ], and Novel Reactions with Azobenzene. Organometallics, 2005, 24, 2023-2026.                      | 2.3  | 33        |
| 8  | Group 4 metal complexes bearing new tridentate (NNO) ligands: Benzyl migration and formation of unusual C-C coupled products. Journal of Organometallic Chemistry, 2009, 694, 703-716.   | 1.8  | 32        |
| 9  | Oxidative addition of aryl halides: routes to mono- and dimetallic nickel amino-bis-phosphinimine complexes. Dalton Transactions, 2011, 40, 5419.  | 3.3  | 24        |
| 10 | Iron-Catalyzed Chain Growth of Ethylene: In Situ Regeneration of ZnEt <sub>2</sub> by Tandem Catalysis. ACS Catalysis, 2015, 5, 4363-4367.   | 11.2 | 18        |
| 11 | Synthesis and reactivity of nickel-hydride amino-bis-phosphinimine complexes. Dalton Transactions, 2013, 42, 4237.   | 3.3  | 16        |
| 12 | Mononuclear and dinuclear palladium and nickel complexes of phosphinimine-based tridentate ligands. Dalton Transactions, 2011, 40, 4918.   | 3.3  | 15        |
| 13 | Rapid transfer hydrogenation of acetophenone using ruthenium catalysts bearing commercially available and readily accessible nitrogen and phosphorous donor ligands. Applied Catalysis A: General, 2019, 570, 367-375.   | 4.3  | 10        |