

# Pierre de FrÃ©mont

## List of Publications by Year in descending order

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40  
papers

4,628  
citations

218677

26  
h-index

302126

39  
g-index

42  
all docs

42  
docs citations

42  
times ranked

3803  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbenes: Synthesis, properties, and organometallic chemistry. <i>Coordination Chemistry Reviews</i> , 2009, 253, 862-892.	18.8	853
2	Synthesis and Structural Characterization of N-Heterocyclic Carbene Gold(I) Complexes. <i>Organometallics</i> , 2005, 24, 2411-2418.	2.3	457
3	A Gold Catalyst for Carbene-Transfer Reactions from Ethyl Diazoacetate. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5284-5288.	13.8	422
4	Au-Catalyzed Tandem [3,3] Rearrangementâ€“Intramolecular Hydroarylation: Mild and Efficient Formation of Substituted Indenes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3647-3650.	13.8	311
5	Synthesis of Well-Defined N-Heterocyclic Carbene Silver(I) Complexes. <i>Organometallics</i> , 2005, 24, 6301-6309.	2.3	306
6	Synthesis, Characterization and Reactivity of N-Heterocyclic Carbene Gold(III) Complexes. <i>Organometallics</i> , 2007, 26, 1376-1385.	2.3	189
7	[(NHC)Au]-Catalyzed Formation of Conjugated Enones and Enals: An Experimental and Computational Study. <i>Chemistry - A European Journal</i> , 2007, 13, 6437-6451.	3.3	180
8	Metal complexes with oxygen-functionalized NHC ligands: synthesis and applications. <i>Chemical Society Reviews</i> , 2017, 46, 632-733.	38.1	171
9	Alkane Carbonâ€“Hydrogen Bond Functionalization with (NHC)MCl Precatalysts (M = Cu, Au; NHC =) Tj ETQq1 1 0.784314 rgBT / Over 2.3 164	2.3	164
10	Cationic NHCâ€“gold(I) complexes: Synthesis, isolation, and catalytic activity. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 551-560.	1.8	163
11	Au-catalyzed cycloisomerization of 1,5-enynes bearing a propargylic acetate: formation of unexpected bicyclo[3.1.0]hexene. <i>Chemical Communications</i> , 2006, , 2048-2050.	4.1	141
12	Goldâ€“and Platinumâ€“Catalyzed Cycloisomerization of Enynyl Esters versus Allenenyl Esters: An Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2009, 15, 3243-3260.	3.3	129
13	Multidentate N-heterocyclic carbene complexes of the 3d metals: Synthesis, structure, reactivity and catalysis. <i>Coordination Chemistry Reviews</i> , 2017, 341, 53-176.	18.8	128
14	Synthesis, isolation and characterization of cationic gold(i) N-heterocyclic carbene (NHC) complexes. <i>Chemical Communications</i> , 2006, , 2045-2047.	4.1	109
15	Nâ€“Heterocyclic Carbeneâ€“Palladium Complexes [(NHC)Pd(acac)Cl]: Improved Synthesis and Catalytic Activity in Largeâ€“Scale Crossâ€“Coupling Reactions. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2380-2384.	4.3	74
16	Synthesis and Characterization of Gold(I)N-Heterocyclic Carbene Complexes Bearing Biologically Compatible Moieties. <i>Organometallics</i> , 2006, 25, 5824-5828.	2.3	65
17	Synthesis, Characterization, and Catalytic Activity of Cationic NHC Gold(III) Pyridine Complexes. <i>Organometallics</i> , 2013, 32, 4153-4164.	2.3	54
18	Gold-promoted styrene polymerization. <i>Chemical Communications</i> , 2008, , 759-761.	4.1	48

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19	Gold(I)/(III)-Catalyzed Rearrangement of Divinyl Ketones and Acyloxyalkynyloxiranes into Cyclopentenones. <i>Organic Letters</i> , 2014, 16, 908-911.	4.6	46
20	Bis(ether-functionalized NHC) Nickel(II) Complexes, <i>trans</i> to <i>cis</i> Isomerization Triggered by Water Coordination, and Catalytic Ethylene Oligomerization. <i>Organometallics</i> , 2015, 34, 2183-2201.	2.3	45
21	Synthesis and characterization of oxygen-functionalised-NHC silver complexes and NHC transmetalation to nickel. <i>Dalton Transactions</i> , 2014, 43, 4700-4710.	3.3	38
22	Synthesis and Characterization of Palladium(II) and Nickel(II) Alcoholate-Functionalized NHC Complexes and of Mixed Nickel(II)-Lithium(I) Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 5189-5200.	4.0	32
23	Ruthenium-indenylidene complexes in ring opening metathesis polymerization (ROMP) reactions. <i>Journal of Molecular Catalysis A</i> , 2008, 283, 108-113.	4.8	29
24	Ring Opening Metathesis Polymerization (ROMP) of <i>cis</i> - and <i>trans</i> -3,4-Bis(acetyloxymethyl)cyclobut-1-enes and Synthesis of Block Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2004, 205, 1238-1245.	2.2	28
25	Silver(I) and copper(I) complexes with bis-NHC ligands: Dinuclear complexes, cubanes and coordination polymers. <i>Journal of Organometallic Chemistry</i> , 2015, 795, 25-33.	1.8	25
26	High-Throughput Screening of Metal-N-Heterocyclic Carbene Complexes against Biofilm Formation by Pathogenic Bacteria. <i>ChemMedChem</i> , 2014, 9, 1140-1144.	3.2	24
27	Synthesis, Characterization, and Catalytic Activity of Alcohol-Functionalized NHC Gold(I/III) Complexes. <i>Organometallics</i> , 2014, 33, 2326-2335.	2.3	23
28	Chiral Gold(III) Complexes: Synthesis, Structure, and Potential Applications. <i>Chemistry - A European Journal</i> , 2021, 27, 9218-9240.	3.3	23
29	NHC Gold(III) Triflimidate Complexes. <i>Organometallics</i> , 2012, 31, 4654-4657.	2.3	20
30	Polyoxometalate-Gold(I)/H <sup>+</sup> Complexes: Air-Stable, Efficient, Polyvalent, and Bifunctional Catalysts. <i>Organometallics</i> , 2015, 34, 5065-5072.	2.3	15
31	Mono- and polynuclear Ag complexes of N-functionalized bis(diphenylphosphino)amine DPPA-type ligands: synthesis, solid-state structures and reactivity. <i>Dalton Transactions</i> , 2017, 46, 5571-5586.	3.3	14
32	Syndio- and Isoselective Coordinative Chain Transfer Polymerization of Styrene Promoted by <i>ansa</i> -Lanthanidocene/ Dialkylmagnesium Systems. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1367-1374.	4.3	13
33	Synthesis and Characterization of Neutral and Cationic Magnesium Complexes Supported by NHC Ligands. <i>Organometallics</i> , 2019, 38, 2748-2757.	2.3	12
34	A stereoselective access to a ferrocene-based planar chiral triazolium salt. <i>Journal of Organometallic Chemistry</i> , 2015, 797, 1-7.	1.8	11
35	Synthesis, Characterization and Catalytic Activity of NHC Gold(I) Polyoxometalate Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 12630-12637.	3.3	11
36	Synthesis, Characterization, and Catalytic Activity of Chiral NHC Platinum(II) Pyridine Dihalide Complexes. <i>Organometallics</i> , 2020, 39, 804-812.	2.3	10

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37	When Gold Cations Meet Polyoxometalates. Chemistry - A European Journal, 2019, 25, 9553-9567.	3.3	9
38	Room-temperature C-H activation of the phosphino-ketone Ph <sub>2</sub> PCH <sub>2</sub> C(O)Ph leading to an iridium(III) complex with a hybrid phosphino-enolate ligand. Comptes Rendus Chimie, 2015, 18, 790-796.	0.5	0
39	Frontispiece: When Gold Cations Meet Polyoxometalates. Chemistry - A European Journal, 2019, 25, .	3.3	0
40	Frontispiece: Chiral Gold(III) Complexes: Synthesis, Structure, and Potential Applications. Chemistry - A European Journal, 2021, 27, .	3.3	0