

Vincent Cesar

List of Publications by Year in descending order

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62
papers

4,224
citations

172207

29
h-index

149479

56
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73
all docs

73
docs citations

73
times ranked

2904
citing authors

#	ARTICLE	IF	CITATIONS
1	Chiral N-heterocyclic carbenes as stereodirecting ligands in asymmetric catalysis. <i>Chemical Society Reviews</i> , 2004, 33, 619-636.	18.7	829
2	Synthetic Routes to N-Heterocyclic Carbene Precursors. <i>Chemical Reviews</i> , 2011, 111, 2705-2733.	23.0	647
3	A Modular Assembly of Chiral Oxazolinylicarbene-Rhodium Complexes: Efficient Phosphane-Free Catalysts for the Asymmetric Hydrosilylation of Dialkyl Ketones. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1014-1017.	7.2	213
4	A Stable Anionic N-Heterocyclic Carbene and Its Zwitterionic Complexes. <i>Journal of the American Chemical Society</i> , 2008, 130, 11286-11287.	6.6	172
5	Direct Coupling of Oxazolines and N-Heterocyclic Carbenes: A Modular Approach to a New Class of C [∞] N Donor Ligands for Homogeneous Catalysis. <i>Organometallics</i> , 2002, 21, 5204-5208.	1.1	168
6	Facile Derivatization of a σ -Chemo-active-NHC Incorporating an Enolate Backbone and Relevant Tuning of Its Electronic Properties. <i>Organometallics</i> , 2010, 29, 2616-2630.	1.1	146
7	Imidazol-2-ylidene-4-olate: an anionic N-heterocyclic carbene pre-programmed for further derivatization. <i>Chemical Communications</i> , 2009, , 4720.	2.2	131
8	Designing the σ -Search Pathway in the Development of a New Class of Highly Efficient Stereoselective Hydrosilylation Catalysts. <i>Chemistry - A European Journal</i> , 2005, 11, 2862-2873.	1.7	121
9	Skeleton Decoration of NHCs by Amino Groups and its Sequential Booster Effect on the Palladium-Catalyzed Buchwald-Hartwig Amination. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6482-6486.	7.2	112
10	Reprogramming of a Malonic N-Heterocyclic Carbene: A Simple Backbone Modification with Dramatic Consequences on the Ligand's Donor Properties. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 361-365.	1.0	111
11	Electronic Tuning of a Carbene Center via Remote Chemical Induction, and Relevant Effects in Catalysis. <i>Chemistry - A European Journal</i> , 2010, 16, 11432-11442.	1.7	107
12	Convenient, scalable and flexible method for the preparation of imidazolium salts with previously inaccessible substitution patterns. <i>Chemical Communications</i> , 2006, , 2176-2178.	2.2	99
13	Manganese catalyzed α -methylation of ketones with methanol as a C1 source. <i>Chemical Communications</i> , 2019, 55, 314-317.	2.2	90
14	Interplay between an elusive 4-(isopropylamino)imidazol-2-ylidene and its isolable mesoionic tautomer, and associated reactivities. <i>Chemical Communications</i> , 2012, 48, 2349.	2.2	86
15	Hydrosilylation of Aldehydes and Ketones Catalyzed by Half-Sandwich Manganese(I) N-Heterocyclic Carbene Complexes. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1093-1097.	2.1	82
16	Buchwald-Hartwig Amination of (Hetero)Aryl Tosylates Using a Well-Defined N-Heterocyclic Carbene/Palladium(II) Precatalyst. <i>Journal of Organic Chemistry</i> , 2015, 80, 7666-7673.	1.7	68
17	An Ambidentate Janus-Type Ligand System Based on Fused Carbene and Imidate Functionalities. <i>Chemistry - A European Journal</i> , 2011, 17, 13151-13155.	1.7	67
18	(Cyclopentadienyl)iron(II) Complexes of N-Heterocyclic Carbenes Bearing a Malonate or Imidate Backbone: Synthesis, Structure, and Catalytic Potential in Hydrosilylation. <i>Organometallics</i> , 2013, 32, 4643-4655.	1.1	67

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19	An Original Lâ€šshape, Tunable Nâ€šHeterocyclic Carbene Platform for Efficient Gold(I) Catalysis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7977-7981.	7.2	62
20	Efficient and Versatile Buchwaldâ€šHartwig Amination of (Hetero)aryl Chlorides Using the Pdâ€šPEPPSIâ€šPr ² (NMe ₂) ₂ Precatalyst in the Presence of Carbonate Base. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2042-2050.	1.2	61
21	Chelation-Assisted Reactions of Phosphine- and Olefin-Tethered Imidazolium Derivatives and Their Affiliated N-Heterocyclic Carbenes with Roperâ€™s Complex Ru(CO) ₂ (PPh ₃) ₃ . <i>Organometallics</i> , 2009, 28, 6981-6993.	1.1	51
22	IMes-acac: hybrid combination of diaminocarbene and acetylacetonato sub-units into a new anionic ambidentate NHC ligand. <i>Chemical Communications</i> , 2015, 51, 5271-5274.	2.2	50
23	Buttressing Effect as a Key Design Principle towards Highly Efficient Palladium/Nâ€šHeterocyclic Carbene Buchwaldâ€šHartwig Amination Catalysts. <i>Chemistry - A European Journal</i> , 2017, 23, 13792-13801.	1.7	50
24	Cationic and Neutral Rhodium(I) Oxazolinylicarbene Complexes. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 3436-3444.	1.0	42
25	Anionic and zwitterionic copper(I) complexes incorporating an anionic N-heterocyclic carbene decorated with a malonate backbone: synthesis, structure and catalytic applications. <i>Dalton Transactions</i> , 2013, 42, 7373.	1.6	41
26	Modular Assembly of a Chiral Bis(oxazolinylicarbene): A New Meridionally Coordinating Tridentate Spectator Ligand. <i>Organometallics</i> , 2005, 24, 4886-4888.	1.1	37
27	The Ambivalent Chemistry of a Free Anionic Nâ€šHeterocyclic Carbene Decorated with a Malonate Backbone: The Plus of a Negative Charge. <i>Chemistry - A European Journal</i> , 2013, 19, 17113-17124.	1.7	37
28	A Cationic N-Heterocyclic Carbene Containing an Ammonium Moiety. <i>Organometallics</i> , 2017, 36, 1049-1055.	1.1	35
29	Synthesis and structural chemistry of oxazolinylicarbene copper(I) complexes. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 5556-5561.	0.8	28
30	Post-coordination backbone functionalization of an imidazol-2-ylidene and its application to synthesize heteropolymetallic complexes incorporating the ambidentate IMes ^{CO₂} ligand. <i>Dalton Transactions</i> , 2016, 45, 11953-11957.	1.6	26
31	Bidentate Iminophosphorane-NHC Ligand Derived from the Imidazo[1,5- <i>a</i>]pyridin-3-ylidene Scaffold. <i>Organometallics</i> , 2018, 37, 4726-4735.	1.1	26
32	Metal-assisted conversion of an N-ylide mesomeric betaine into its carbenic tautomer: generation of N-(fluoren-9-yl)imidazol-2-ylidene complexes. <i>Dalton Transactions</i> , 2014, 43, 4474-4482.	1.6	24
33	Oxidative Coupling of Anionic Abnormal Nâ€šHeterocyclic Carbenes: Efficient Access to Janusâ€™type 4,4â€š-bis(2 Hâ€šimidazolâ€šylidene)s. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7986-7991.	7.2	23
34	Ruthenium Catalysts Supported by Aminoâ€šSubstituted Nâ€šHeterocyclic Carbene Ligands for Olefin Metathesis of Challenging Substrates. <i>Chemistry - A European Journal</i> , 2017, 23, 1950-1955.	1.7	21
35	Nickel(II) Complexes of Highly Îƒ-Donating Cyclic (Alkyl)(Amino)- and Malonate-Carbenes: Syntheses and Catalytic Studies. <i>Organometallics</i> , 2017, 36, 1113-1121.	1.1	20
36	Snapshot of a Chelation-Assisted Câ€šH/Alkyne Coupling: A Ruthenium Complex Caught in the Act of Câ€šC Bond Formation. <i>Organometallics</i> , 2007, 26, 4673-4676.	1.1	19

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55	Chiral N-Heterocyclic Carbene-Based Ligands. , 2021, , 195-232.		1
56	A Molecular Assembly of Chiral Oxazolinylicarbene ⁺ Rhodium Complexes: Efficient Phosphane-Free Catalysts for the Asymmetric Hydrosilylation of Dialkyl Ketones.. ChemInform, 2004, 35, no.	0.1	0
57	Chiral N-Heterocyclic Carbenes as Stereodirecting Ligands in Asymmetric Catalysis. ChemInform, 2005, 36, no.	0.1	0
58	Modular Assembly of a Chiral Bis(oxazolinylicarbene) Rhodium Complexes: Efficient Phosphane-Free Catalysts for the Asymmetric Hydrosilylation of Dialkyl Ketones.. ChemInform, 2006, 37, no.	0.1	0
59	Frontispiece: Oxidative Coupling of Anionic Abnormal N-Heterocyclic Carbenes: Efficient Access to Janus-Type 4,4'-Bis(2-H-imidazol-2-ylidene)s. Angewandte Chemie - International Edition, 2018, 57, .	7.2	0
60	Frontispiz: Oxidative Coupling of Anionic Abnormal N-Heterocyclic Carbenes: Efficient Access to Janus-Type 4,4'-Bis(2-H-imidazol-2-ylidene)s. Angewandte Chemie, 2018, 130, .	1.6	0
61	Innentitelbild: An Original L-shape, Tunable N-Heterocyclic Carbene Platform for Efficient Gold(I) Catalysis (Angew. Chem. 24/2019). Angewandte Chemie, 2019, 131, 7964-7964.	1.6	0
62	An Anionic, Chelating C(sp ³)/NHC ligand from the Combination of an N-heterobicyclic Carbene and Barbituric Heterocycle. Organometallics, 2021, 40, 3223-3234.	1.1	0