

# Han Vinh Huynh

## List of Publications by Year in descending order

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126  
papers

6,350  
citations

57631

44  
h-index

76769

74  
g-index

148  
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148  
docs citations

148  
times ranked

4487  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic Properties of N-Heterocyclic Carbenes and Their Experimental Determination. <i>Chemical Reviews</i> , 2018, 118, 9457-9492.	23.0	596
2	<sup>13</sup> C NMR Spectroscopic Determination of Ligand Donor Strengths Using N-Heterocyclic Carbene Complexes of Palladium(II). <i>Organometallics</i> , 2009, 28, 5395-5404.	1.1	310
3	Palladium(II) Complexes of a Sterically Bulky, Benzannulated N-Heterocyclic Carbene with Unusual Intramolecular C <sup>α</sup> H <sup>α</sup> ...Pd and Ccarbene...Br Interactions and Their Catalytic Activities. <i>Organometallics</i> , 2006, 25, 3267-3274.	1.1	225
4	Anagostic Interactions and Catalytic Activities of Sterically Bulky Benzannulated N-Heterocyclic Carbene Complexes of Nickel(II). <i>Organometallics</i> , 2008, 27, 2231-2237.	1.1	185
5	Tetrazole Photoclick Chemistry: Reinvestigating Its Suitability as a Bioorthogonal Reaction and Potential Applications. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2002-2006.	7.2	161
6	Solvent-controlled selective synthesis of a trans-configured benzimidazole-2-ylidene palladium(II) complex and investigations of its Heck-type catalytic activity. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 3854-3860.	0.8	117
7	Tunable Dehydrogenative Amidation versus Amination Using a Single Ruthenium-NHC Catalyst. <i>ACS Catalysis</i> , 2015, 5, 4143-4151.	5.5	115
8	A unified ligand electronic parameter based on <sup>13</sup> C NMR spectroscopy of N-heterocyclic carbene complexes. <i>Dalton Transactions</i> , 2017, 46, 614-627.	1.6	114
9	Palladium(II) Pyrazolin-4-ylidenes: Remote N-Heterocyclic Carbene Complexes and Their Catalytic Application in Aqueous Suzuki-Miyaura Coupling. <i>Organometallics</i> , 2007, 26, 6581-6585.	1.1	111
10	Au(I) and Au(III) complexes of a sterically bulky benzimidazole-derived N-heterocyclic carbene. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 374-380.	0.8	103
11	Synthesis and Structural Characterization of the First Bis(benzimidazolin-2-ylidene) Complexes of Nickel(II). <i>Organometallics</i> , 2006, 25, 245-249.	1.1	99
12	Syntheses, Structures, and Catalytic Activities of Hemilabile Thioether-Functionalized NHC Complexes. <i>Organometallics</i> , 2010, 29, 1479-1486.	1.1	99
13	Dinuclear and Tetranuclear Palladium(II) Complexes of a Thiolato-Functionalized, Benzannulated N-Heterocyclic Carbene Ligand and Their Activities toward Suzuki-Miyaura Coupling. <i>Organometallics</i> , 2010, 29, 6020-6027.	1.1	98
14	Syntheses, Characterizations, and a Preliminary Comparative Cytotoxicity Study of Gold(I) and Gold(III) Complexes Bearing Benzimidazole- and Pyrazole-Derived N-Heterocyclic Carbenes. <i>Organometallics</i> , 2012, 31, 5875-5883.	1.1	96
15	1,2,3-Triazolin-5-ylidenes: Synthesis of Hetero-bis(carbene) Pd(II) Complexes, Determination of Donor Strengths, and Catalysis. <i>Organometallics</i> , 2012, 31, 405-412.	1.1	95
16	Convenient Entry to Mono- and Dinuclear Palladium(II) Benzothiazolin-2-ylidene Complexes and Their Activities toward Heck Coupling. <i>Organometallics</i> , 2006, 25, 5105-5112.	1.1	94
17	Electronic Structure Trends in N-Heterocyclic Carbenes (NHCs) with Varying Number of Nitrogen Atoms and NHC <sup>α</sup> ...Metal Bond Properties. <i>Chemistry - A European Journal</i> , 2013, 19, 12892-12905.	1.7	87
18	Hemilabile behavior of a thioether-functionalized N-heterocyclic carbene ligand. <i>Chemical Communications</i> , 2006, , 3833.	2.2	85

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19	Sulfur-Functionalized N-Heterocyclic Carbene Complexes of Pd(II): Syntheses, Structures and Catalytic Activities. <i>Molecules</i> , 2012, 17, 2491-2517.	1.7	84
20	Syntheses and Characterizations of Pd(II) Complexes Incorporating a N-Heterocyclic Carbene and Aromatic N-Heterocycles. <i>Organometallics</i> , 2007, 26, 6447-6452.	1.1	80
21	Pd(II) complexes of a sterically bulky, benzannulated N-heterocyclic carbene and their catalytic activities in the Mizoroki-Heck reaction. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3606-3613.	0.8	79
22	Mixed Dicarboxylato-Bis(carbene) Complexes of Palladium(II): Synthesis, Structures, Trans-Cis Isomerism, and Catalytic Activity. <i>Organometallics</i> , 2006, 25, 1298-1302.	1.1	77
23	Gold and Palladium Hetero-Bis-NHC Complexes: Characterizations, Correlations, and Ligand Redistributions. <i>Organometallics</i> , 2013, 32, 3685-3696.	1.1	75
24	Benzimidazolin-2-ylidene N-heterocyclic carbene complexes of ruthenium as a simple catalyst for the N-alkylation of amines using alcohols and diols. <i>RSC Advances</i> , 2015, 5, 4434-4442.	1.7	73
25	Preparation and characterization of the first pyrazole-based remote N-heterocyclic carbene complexes of palladium(ii). <i>Chemical Communications</i> , 2007, , 1089.	2.2	71
26	Pyrazolin-4-ylidenes: a new class of intriguing ligands. <i>Dalton Transactions</i> , 2011, 40, 2141-2147.	1.6	71
27	Catalytic Annulation of Heterocycles via a Novel Redox Process Involving the Imidazolium Salt N-Heterocyclic Carbene Couple. <i>Organometallics</i> , 2008, 27, 3153-3160.	1.1	68
28	Palladium(II) Pyrazolin-4-ylidenes: Substituent Effects on the Formation and Catalytic Activity of Pyrazole-Based Remote NHC Complexes. <i>Organometallics</i> , 2009, 28, 2778-2786.	1.1	67
29	Pd-carbene catalyzed carbonylation reactions of aryl iodides. <i>Dalton Transactions</i> , 2011, 40, 7632.	1.6	66
30	Syntheses and catalytic activities of pseudo-pincer and CSC pincer-type Pd(II) complexes derived from benzannulated N-heterocyclic carbenes. <i>Dalton Transactions</i> , 2009, , 7262.	1.6	65
31	Pyrazolin-5-ylidene Palladium(II) Complexes: Synthesis, Characterization, and Application in the Direct Arylation of Pentafluorobenzene. <i>Organometallics</i> , 2012, 31, 5121-5130.	1.1	64
32	Mono- vs Bis(carbene) Complexes: A Detailed Study on Platinum(II)-Benzimidazolin-2-ylidenes. <i>Organometallics</i> , 2007, 26, 4612-4617.	1.1	61
33	CSC-pincer versus pseudo-pincer complexes of palladium(ii): a comparative study on complexation and catalytic activities of NHC complexes. <i>Dalton Transactions</i> , 2011, 40, 8788.	1.6	60
34	Detailed Structural, Spectroscopic, and Electrochemical Trends of Halido Mono- and Bis(NHC) Complexes of Au(I) and Au(III). <i>Organometallics</i> , 2013, 32, 4591-4600.	1.1	59
35	Syntheses and catalytic activities of Pd(II) dicarbene and hetero-dicarbene complexes. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 3369-3375.	0.8	58
36	Determining the Electron-Donating Properties of Bidentate Ligands by <sup>13</sup> C NMR Spectroscopy. <i>Inorganic Chemistry</i> , 2014, 53, 10964-10973.	1.9	57

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37	Rotamers of palladium complexes bearing IR active N-heterocyclic carbene ligands: Synthesis, structural characterization and catalytic activities. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 323-331.	0.8	55
38	Electronic Structural Trends in Divalent Carbon Compounds. <i>Journal of Organic Chemistry</i> , 2013, 78, 328-338.	1.7	55
39	Benzothiazolin-2-ylidene Complexes of Iridium(I). <i>Organometallics</i> , 2006, 25, 3012-3018.	1.1	52
40	Formation of Homoleptic Tetracarbene versus <i>cis</i> -Chelating Dicarbene Complexes of Nickel(II) and Applications in Kumada-Corriu Couplings. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 1926-1931.	1.0	49
41	Versatile coordination chemistry of indazole-derived carbenes. <i>Chemical Communications</i> , 2010, 46, 2986.	2.2	48
42	Platinum(II) Complexes with Thioether-Functionalized Benzimidazolin-2-ylidene Ligands: Synthesis, Structural Characterization, and Application in Hydroelementation Reactions. <i>Organometallics</i> , 2014, 33, 172-180.	1.1	48
43	Ag(I) and Pd(II) complexes of a 1,3-dibenzhydryl substituted benzannulated N-heterocyclic carbene: Unexpected rearrangement, structures and catalytic studies. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3159-3165.	0.8	47
44	Benzimidazolin-2-ylidene Complexes of Palladium(II) Featuring a Thioether Moiety: Synthesis, Characterization, Molecular Dynamics, and Catalytic Activities. <i>Organometallics</i> , 2014, 33, 1266-1275.	1.1	47
45	Selective hydrogenation of levulinic acid to $\beta$ -valerolactone using in situ generated ruthenium nanoparticles derived from Ru-NHC complexes. <i>Dalton Transactions</i> , 2016, 45, 3558-3563.	1.6	44
46	Pincer-type di(1,2,4-triazolin-5-ylidene)Pd(II) complexes and their catalytic activities towards Cu- and amine-free Sonogashira reaction. <i>Dalton Transactions</i> , 2013, 42, 6803.	1.6	43
47	Pd(II) complexes of N,S-heterocyclic carbenes with pendant and coordinated allyl function and their Suzuki coupling activities. <i>Dalton Transactions</i> , 2007, , 3952.	1.6	42
48	Pyrazole-Derived Remote Dicarbenes: Versatile Ligands for Di- and Tetranuclear Complexes. <i>Chemistry - A European Journal</i> , 2010, 16, 771-773.	1.7	42
49	Template-Directed Synthesis of Palladium(II) Sulfonate-NHC Complexes and Catalytic Studies in Aqueous Mizoroki-Heck Reactions. <i>Organometallics</i> , 2014, 33, 1794-1800.	1.1	42
50	Copper(I) Heteroleptic Bis(NHC) and Mixed NHC/Phosphine Complexes: Syntheses and Catalytic Activities in the One-Pot Sequential CuAAC Reaction of Aromatic Amines. <i>Organometallics</i> , 2013, 32, 7225-7233.	1.1	41
51	Metallo-supramolecular Chemistry with Bis(benzene-o-dithiolato) Ligands. <i>Journal of the American Chemical Society</i> , 2006, 128, 11808-11819.	6.6	40
52	Dinuclear Complexes with Bis(benzenedithiolate) Ligands. <i>Chemistry - A European Journal</i> , 2002, 8, 1327-1335.	1.7	39
53	Cationic gold(I) heteroleptic complexes bearing a pyrazole-derived N-heterocyclic carbene: syntheses, characterizations, and cytotoxic activities. <i>Dalton Transactions</i> , 2013, 42, 12421.	1.6	39
54	Synthesis, structural characterization and catalytic activity of a palladium(II) complex bearing a new ditopic thiophene-N-heterocyclic carbene ligand. <i>Inorganica Chimica Acta</i> , 2010, 363, 1979-1983.	1.2	38

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55	Synthesis of <i>cis</i> - and <i>trans</i> -Diisothiocyanato-Bis(NHC) Complexes of Nickel(II) and Applications in the Kumada-Corriu Reaction. <i>Organometallics</i> , 2010, 29, 3746-3752.	1.1	38
56	Dinuclear Triazole-Derived Janus-Type N-Heterocyclic Carbene Complexes of Palladium: Syntheses, Isomerizations, and Catalytic Studies toward Direct C5-Arylation of Imidazoles. <i>Organometallics</i> , 2014, 33, 2004-2011.	1.1	38
57	A single-molecular pathway from heterometallic $M_2O_2$ (M = Ba, Mn; $M_2O_2 = Cr_2O_3$ ) oxalato complexes to intermetallic composite oxides. <i>Journal of Materials Chemistry</i> , 2007, 17, 1002-1006.	6.7	37
58	Cyclometallated ruthenium(II) complexes with ditopic thienyl-NHC ligands: syntheses and alkyne annulations. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1598-1603.	2.3	37
59	Syntheses and characterizations of thiolato-functionalized N-heterocyclic carbene Pd(II) complexes with normal and mesoionic binding modes. <i>Dalton Transactions</i> , 2011, 40, 11698.	1.6	36
60	Nickel(II) Benzimidazolin-2-ylidene Complexes with Thioether-Functionalized Side Chains as Catalysts for Suzuki-Miyaura Cross-Coupling. <i>Organometallics</i> , 2014, 33, 5845-5851.	1.1	36
61	Stereoelectronic Profiling of Expanded-Ring N-Heterocyclic Carbenes. <i>Inorganic Chemistry</i> , 2019, 58, 7545-7553.	1.9	36
62	Mixed carbene-isocyanide Pd(II) complexes: synthesis, structures and reactivity towards nucleophiles. <i>Dalton Transactions</i> , 2009, , 2201.	1.6	35
63	Synthesis and structural characterization of mixed carbene-carboxylate complexes of palladium(II). <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1766-1770.	0.8	33
64	Pd(II) complexes with mixed benzothiazolin-2-ylidene and phosphine ligands and their catalytic activities toward C-C coupling reactions. <i>Dalton Transactions</i> , 2008, , 699-706.	1.6	33
65	Gold Complexes of an Alicyclic Indazole-Derived N-Heterocyclic Carbene: Syntheses, Characterizations, and Ligand Disproportionation. <i>Organometallics</i> , 2012, 31, 1195-1203.	1.1	33
66	Amine-Functionalized Indazolin-3-ylidene Complexes of Palladium(II) by Postmodification of a Single Precursor. <i>Organometallics</i> , 2014, 33, 4295-4301.	1.1	33
67	Palladium(II) Complexes Bearing an Indazole-Derived N-Heterocyclic Carbene and Phosphine Coligands as Catalysts for the Sonogashira Coupling and the Hydroamination of Alkynes. <i>Organometallics</i> , 2014, 33, 3607-3617.	1.1	33
68	Anion influences on reactivity and NMR spectroscopic features of NHC precursors. <i>RSC Advances</i> , 2018, 8, 34960-34966.	1.7	32
69	Iron-Catalyzed Cross-Coupling Reactions of Arylmagnesium Reagents with Aryl Chlorides and Tosylates: Influence of Ligand Structural Parameters and Identification of a General N-Heterocyclic Carbene Ligand. <i>Organometallics</i> , 2017, 36, 2293-2297.	1.1	31
70	Mono- and Dinuclear Palladium(II) N-Heterocyclic Carbene Complexes with N Spacers and their Suzuki Coupling Activities. <i>Chemistry - an Asian Journal</i> , 2008, 3, 1649-1656.	1.7	29
71	Co-ligand effects in the catalytic activity of Pd(II)-NHC complexes. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 112-117.	0.8	29
72	Ring-expanded N-heterocyclic carbenes as ligands in iron-catalysed cross-coupling reactions of arylmagnesium reagents and aryl chlorides. <i>Chemical Communications</i> , 2018, 54, 6044-6047.	2.2	29

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73	Mixed Azido-N-Heterocyclic Carbene Complexes of Nickel(II) as a Template for New Organometallics Bearing Carbodiimido, Tetrazolato, and Abnormal Tetrazolin-5-ylidene Ligands. <i>Organometallics</i> , 2009, 28, 2505-2511.	1.1	28
74	Correlation of spectroscopically determined ligand donor strength and nucleophilicity of substituted pyrazoles. <i>Dalton Transactions</i> , 2012, 41, 8600.	1.6	28
75	Synthesis and properties of N,N'-dialkylimidazolium bis(nonafluorobutane-1-sulfonyl)imides: a new subfamily of ionic liquids. <i>Tetrahedron</i> , 2006, 62, 3137-3145.	1.0	27
76	A Comparative Study on Dinuclear and Multinuclear Ni(II), Pd(II), and Pt(II) Complexes of a Thiolato-Functionalized, Benzannulated <i>N</i> -Heterocyclic Carbene Ligand. <i>Inorganic Chemistry</i> , 2013, 52, 6627-6634.	1.9	27
77	Postmodification Approach to Charge-Tagged 1,2,4-Triazole-Derived NHC Palladium(II) Complexes and Their Applications. <i>Organometallics</i> , 2017, 36, 2345-2353.	1.1	27
78	Stereoelectronic Flexibility of Ammonium-Functionalized Triazole-Derived Carbenes: Palladation and Catalytic Activities in Water. <i>Organometallics</i> , 2018, 37, 2358-2367.	1.1	27
79	Reactivity Differences of Palladium(II) Dimers Bearing Heterocyclic Carbenes with Two, One, or No $\pm$ -Nitrogen Atoms toward Isocyanides. <i>Organometallics</i> , 2011, 30, 1224-1230.	1.1	24
80	Bis(functionalized NHC) Palladium(II) Complexes via a Postmodification Approach. <i>Organometallics</i> , 2014, 33, 3373-3384.	1.1	24
81	Dipalladium Bis( $\eta^4$ -isopropylthiolato) Complexes with a [Pd <sub>2</sub> S <sub>2</sub> ] Core Supported by N-Heterocyclic Carbenes. <i>Organometallics</i> , 2007, 26, 6852-6856.	1.1	22
82	Dipalladium Complexes with Triazolidin-Diylidene Bridges and Their Catalytic Activities. <i>Organometallics</i> , 2012, 31, 4565-4573.	1.1	22
83	Direct Evidence for the Attack of a Free N-Heterocyclic Carbene at a Carbonyl Ligand: A Zwitterionic Osmium Carbonyl Cluster. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12110-12113.	7.2	22
84	Donor Strengths Determination of Pnictogen and Chalcogen Ligands by the Huynh Electronic Parameter and Its Correlation to Sigma Hammett Constants. <i>Chemistry - A European Journal</i> , 2019, 25, 13956-13963.	1.7	22
85	Synthesis and Structural Characterization of Palladium Dicarbene Complexes Bearing Labile Co-Ligands. <i>Australian Journal of Chemistry</i> , 2009, 62, 983.	0.5	21
86	Unexpected coordination difference in geometric-isomerism between N,S- and N,N-heterocyclic carbenes in cyclometallated platinum(ii). <i>Chemical Communications</i> , 2009, , 6831.	2.2	21
87	Highly modular access to functionalised metal-carbenes via post-modifications of a single bromoalkyl-substituted NHC-Pd(ii) complex. <i>Chemical Communications</i> , 2013, 49, 4244-4246.	2.2	21
88	Benzothiazolin-2-ylidene and Azole Mixed-Ligand Complexes of Palladium. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4288-4297.	1.0	20
89	[2]Rotaxanes with Palladium(ii)-NHC stoppers. <i>Dalton Transactions</i> , 2011, 40, 11690.	1.6	20
90	Gold(I) and Gold(III) Complexes of Expanded-Ring N-Heterocyclic Carbenes: Structure, Reactivity, and Catalytic Applications. <i>Organometallics</i> , 2020, 39, 172-181.	1.1	20

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91	Hetero-dicarbene Complexes of Palladium(II): Syntheses and Catalytic Activities. <i>Organometallics</i> , 2014, 33, 6033-6043.	1.1	19
92	ortho-Lithiation of Benzene-1,2-dithiol: A Methodology for ortho-Functionalization of Benzene-1,2-dithiol. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2002, 57, 1401-1408.	0.3	18
93	Formation and structures of Pd(II) N,S-heterocyclic carbene-pyridyl mixed-ligand complexes. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 332-338.	0.8	18
94	Donor Strength Determination of Benzoxazolin-2-ylidene, Benzobisoxazolin-2-ylidene, and Their Isocyanide Precursors by <sup>13</sup> C NMR Spectroscopy of Their Pd <sup>II</sup> and Au <sup>I</sup> Complexes. <i>Organometallics</i> , 2017, 36, 275-284.	1.1	18
95	Platinum(II) 1,2,4-Triazolin-5-ylidene Complexes: Stereoelectronic Influences on Their Catalytic Activity in Hydroelementation Reactions. <i>Organometallics</i> , 2020, 39, 2309-2319.	1.1	18
96	Stereoelectronic Profiling of Acyclic Diamino Carbenes (ADCs). <i>Inorganic Chemistry</i> , 2020, 59, 8451-8460.	1.9	17
97	Gold(I) bis(N-heterocyclic carbene) complexes: Metabolic stability, <i>in vitro</i> inhibition, and genotoxicity. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4441.	1.7	16
98	Isolation and crystallographic characterization of solvate- and anion-stabilized PCP pincer complexes of palladium(II). <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1628-1635.	0.8	15
99	Palladium-Osmium Heterometallic Clusters Containing N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2013, 32, 7559-7563.	1.1	15
100	1,2,4-Triazole-derived carbene complexes of gold: characterization, solid-state aggregation and ligand disproportionation. <i>Dalton Transactions</i> , 2015, 44, 15157-15165.	1.6	15
101	A palladacyclic N-heterocyclic carbene system used to probe the donating abilities of monoanionic chelators. <i>Dalton Transactions</i> , 2018, 47, 7830-7838.	1.6	15
102	Dinuclear PCP pincer complexes from Lewis acidic [Pd(OTf)(PCP)] and basic [Pd(4-Spy)(PCP)] (OTf = Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	14
103	Structures and Suzuki-Coupling of N-Heterocyclic Carbene Complexes of PdII with Coordinated Solvent and PPh <sub>3</sub> . <i>Australian Journal of Chemistry</i> , 2009, 62, 1047.	0.5	14
104	Mixed Arylolefin/NHC Complexes of Platinum(II): Syntheses, Characterizations, and In Vitro Cytotoxicities. <i>Organometallics</i> , 2020, 39, 3505-3513.	1.1	14
105	Recent Applications of the Huynh Electronic Parameter (HEP). <i>Chemistry Letters</i> , 2021, 50, 1831-1841.	0.7	13
106	Controlled access to a heterometallic N-heterocyclic carbene helicate. <i>Chemical Communications</i> , 2015, 51, 1248-1251.	2.2	12
107	(Hetero)bimetallic and Tetranuclear Complexes of Pincer-Bridged N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2018, 37, 4119-4127.	1.1	12
108	Heteroleptic nickel(ii)-diNHC complexes and an unusual $\sigma$ -reverse <sup>TM</sup> carbene-transfer reaction to silver(i). <i>Dalton Transactions</i> , 2017, 46, 11318-11326.	1.6	10

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109	Fused azole-thiazolines <i>via</i> one-pot cyclization of functionalized N-heterocyclic carbene precursors. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2487-2491.	1.5	8
110	Synthesis, Characterization, and Catalytic Study of Caffeine-Derived N-heterocyclic Carbene Palladium Complexes. <i>Organometallics</i> , 2022, 41, 161-168.	1.1	8
111	Novel twoâ€œone bioreactor greatly improves lactic acid production from xylose by <i>Lactobacillus pentosus</i>. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 594-598.	1.6	7
112	Cyclometallated Platinum(II) Complexes with a Phenylpropene-Derived Î€f-Chelator and N-Heterocyclic Carbenes. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5650-5655.	1.0	6
113	A Pd<sup>II</sup> Complex Bearing a Benzimidazoleâ€œDerived Ligand with Potentially â€œMesoionic and Remoteâ€œ-Character and Its Catalytic Activity. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4654-4661.	1.0	5
114	Pincer <i>versus</i> pseudopincer: isomerism in palladium(<sup>ii</sup>) complexes bearing Î³<sup>3</sup><i>C</i>, <i>S</i>, <i>C</i> ligands. <i>Dalton Transactions</i> , 2014, 43, 8591-8594.	1.6	5
115	Donor Strength Determination of Pyridinylidene-amide Ligands using Their Palladiumâ€œNHC Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 12486-12493.	1.9	5
116	Controlling the Coordination Modes of Pyridyl-Functionalized N-Heterocyclic Dicarbene Ligands. <i>Organometallics</i> , 2020, 39, 3999-4005.	1.1	5
117	Direct Evidence for the Attack of a Free Nâ€œHeterocyclic Carbene at a Carbonyl Ligand: A Zwitterionic Osmium Carbonyl Cluster. <i>Angewandte Chemie</i> , 2013, 125, 12332-12335.	1.6	4
118	Rational Design of Penta-Coordinated Nickel(II) Dicarbene Complexes. <i>Organometallics</i> , 2019, 38, 3880-3887.	1.1	4
119	Platinum-Osmium Heterometallic Clusters Containing N-Heterocyclic Carbene Ligands and an Electron-Deficient Tetraosmium By-Product. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1966-1969.	1.0	4
120	Stereoelectronic Evaluation of Pyrazole- and Indazole-Derived N-Heterocyclic Carbenes. <i>Organometallics</i> , 2022, 41, 335-344.	1.1	4
121	New Highly Efficient Method for the Synthesis of tert-Alkyl Nitroso Compounds. <i>Synthesis</i> , 2006, 2006, 1423-1426.	1.2	3
122	Evaluating the electronic properties of ditopic and hetero-ditopic ligands derived from benzimidazole and pyrazole by <sup>13</sup> C NMR spectroscopy. <i>Journal of Organometallic Chemistry</i> , 2020, 923, 121409.	0.8	3
123	Mixed NHCâ€œthiolato complexes of palladium: understanding the formation of di-<i>versus</i> mononuclear complexes. <i>Dalton Transactions</i> , 2021, 50, 18118-18127.	1.6	2
124	Reactivity Studies and Electronic Properties of an N-Arylated Acyclic Amino Carbene. <i>Organometallics</i> , 2021, 40, 1699-1705.	1.1	1
125	Rutheniumâ€œBased Structural Mimics of the Cofactor of [Fe]â€œHydrogenase: Replacement of the Acyl Moiety with an Nâ€œHeterocyclic Carbene. <i>ChemistrySelect</i> , 2020, 5, 10775-10780.	0.7	0
126	Palladium heteroâ€œdi(Nâ€œheterocyclic carbene) complexes and their catalytic activities in direct Câ€œH arylation of heteroarenes. <i>Applied Organometallic Chemistry</i> , 0, , .	1.7	0