

Steven P. Nolan

List of Publications by Year in descending order

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629
papers

58,484
citations

767

119
h-index

1634

215
g-index

829
all docs

829
docs citations

829
times ranked

19343
citing authors

#	ARTICLE	IF	CITATIONS
1	N-Heterocyclic Carbenes in Late Transition Metal Catalysis. <i>Chemical Reviews</i> , 2009, 109, 3612-3676.	47.7	2,800
2	N-Heterocyclic Carbenes as Organocatalysts. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2988-3000.	13.8	1,384
3	N-Heterocyclic carbene (NHC) ligands and palladium in homogeneous cross-coupling catalysis: a perfect union. <i>Chemical Society Reviews</i> , 2011, 40, 5151.	38.1	1,106
4	Well-Defined N-Heterocyclic Carbenes ⁺ Palladium(II) Precatalysts for Cross-Coupling Reactions. <i>Accounts of Chemical Research</i> , 2008, 41, 1440-1449.	15.6	994
5	Olefin Metathesis-Active Ruthenium Complexes Bearing a Nucleophilic Carbene Ligand. <i>Journal of the American Chemical Society</i> , 1999, 121, 2674-2678.	13.7	993
6	Quantifying and understanding the electronic properties of N-heterocyclic carbenes. <i>Chemical Society Reviews</i> , 2013, 42, 6723.	38.1	918
7	Percent buried volume for phosphine and N-heterocyclic carbene ligands: steric properties in organometallic chemistry. <i>Chemical Communications</i> , 2010, 46, 841.	4.1	878
8	Carbenes: Synthesis, properties, and organometallic chemistry. <i>Coordination Chemistry Reviews</i> , 2009, 253, 862-892.	18.8	853
9	Modified (NHC)Pd(allyl)Cl (NHC = N-Heterocyclic Carbene) Complexes for Room-Temperature Suzuki ⁺ Miyaura and Buchwald ⁺ Hartwig Reactions. <i>Journal of the American Chemical Society</i> , 2006, 128, 4101-4111.	13.7	844
10	Stereoelectronic parameters associated with N-heterocyclic carbene (NHC) ligands: A quest for understanding. <i>Coordination Chemistry Reviews</i> , 2007, 251, 874-883.	18.8	822
11	N-Heterocyclic carbenes in gold catalysis. <i>Chemical Society Reviews</i> , 2008, 37, 1776.	38.1	698
12	Steric and Electronic Properties of N-Heterocyclic Carbenes (NHC): ⁺ A Detailed Study on Their Interaction with Ni(CO) ₄ . <i>Journal of the American Chemical Society</i> , 2005, 127, 2485-2495.	13.7	591
13	The Development and Catalytic Uses of N-Heterocyclic Carbene Gold Complexes. <i>Accounts of Chemical Research</i> , 2011, 44, 91-100.	15.6	591
14	Determination of N-Heterocyclic Carbene (NHC) Steric and Electronic Parameters using the [(NHC)Ir(CO) ₂ Cl] System. <i>Organometallics</i> , 2008, 27, 202-210.	2.3	541
15	A General Method for the Suzuki ⁺ Miyaura Cross-Coupling of Sterically Hindered Aryl Chlorides: ⁺ Synthesis of Di- and Tri-ortho-substituted Biaryls in 2-Propanol at Room Temperature. <i>Journal of the American Chemical Society</i> , 2003, 125, 16194-16195.	13.7	507
16	Palladium ⁺ Imidazol-2-ylidene Complexes as Catalysts for Facile and Efficient Suzuki Cross-Coupling Reactions of Aryl Chlorides with Arylboronic Acids. <i>Journal of Organic Chemistry</i> , 1999, 64, 3804-3805.	3.2	487
17	Carboxylation of C ⁺ H Bonds Using <i>N</i> -Heterocyclic Carbene Gold(I) Complexes. <i>Journal of the American Chemical Society</i> , 2010, 132, 8858-8859.	13.7	464
18	Catalytic cross-coupling reactions mediated by palladium/nucleophilic carbene systems. <i>Journal of Organometallic Chemistry</i> , 2002, 653, 69-82.	1.8	462

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19	Propargylic Esters in Gold Catalysis: Access to Diversity. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2750-2752.	13.8	462
20	Synthesis and Structural Characterization of N-Heterocyclic Carbene Gold(I) Complexes. <i>Organometallics</i> , 2005, 24, 2411-2418.	2.3	457
21	Stabilization of Organometallic Species Achieved by the Use of N-Heterocyclic Carbene (NHC) Ligands. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 1815-1828.	2.0	436
22	[(NHC)Au] ^I -Catalyzed Acid-Free Alkyne Hydration at Part-per-Million Catalyst Loadings. <i>Journal of the American Chemical Society</i> , 2009, 131, 448-449.	13.7	432
23	Ruthenium Carbene Complexes with N,N-Bis(mesityl)imidazol-2-ylidene Ligands: RCM Catalysts of Extended Scope. <i>Journal of Organic Chemistry</i> , 2000, 65, 2204-2207.	3.2	430
24	N-Heterocyclic Carbene Complexes in C-H Activation Reactions. <i>Chemical Reviews</i> , 2020, 120, 1981-2048.	47.7	429
25	A Gold Catalyst for Carbene-Transfer Reactions from Ethyl Diazoacetate. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5284-5288.	13.8	422
26	A Combined Experimental and Theoretical Study Examining the Binding of N-Heterocyclic Carbenes (NHC) to the Cp*RuCl (Cp* = 1-5-C5Me5) Moiety: Insight into Stereoelectronic Differences between Unsaturated and Saturated NHC Ligands. <i>Organometallics</i> , 2003, 22, 4322-4326.	2.3	400
27	Structure and Reactivity of Unusual N-Heterocyclic Carbene (NHC) Palladium Complexes Synthesized from Imidazolium Salts. <i>Journal of the American Chemical Society</i> , 2004, 126, 5046-5047.	13.7	363
28	Efficient Cross-Coupling of Aryl Chlorides with Aryl Grignard Reagents (Kumada Reaction) Mediated by a Palladium/Imidazolium Chloride System. <i>Journal of the American Chemical Society</i> , 1999, 121, 9889-9890.	13.7	358
29	Cross-Coupling and Dehalogenation Reactions Catalyzed by (N-Heterocyclic carbene)Pd(allyl)Cl Complexes. <i>Journal of Organic Chemistry</i> , 2004, 69, 3173-3180.	3.2	357
30	Activation and Reactivity of (NHC)Pd(allyl)Cl (NHC = N-Heterocyclic Carbene) Complexes in Cross-Coupling Reactions. <i>Organometallics</i> , 2002, 21, 5470-5472.	2.3	353
31	(NHC)Copper(I)-Catalyzed [3+2] Cycloaddition of Azides and Mono- or Disubstituted Alkynes. <i>Chemistry - A European Journal</i> , 2006, 12, 7558-7564.	3.3	343
32	Copper, Silver, and Gold Complexes in Hydrosilylation Reactions. <i>Accounts of Chemical Research</i> , 2008, 41, 349-358.	15.6	342
33	N-Heterocyclic Carbenes as Versatile Nucleophilic Catalysts for Transesterification/Acylation Reactions. <i>Organic Letters</i> , 2002, 4, 3583-3586.	4.6	338
34	Sustainable Concepts in Olefin Metathesis. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6786-6801.	13.8	328
35	Suzuki-Miyaura Cross-Coupling Reactions Mediated by Palladium/Imidazolium Salt Systems. <i>Organometallics</i> , 2002, 21, 2866-2873.	2.3	323
36	N-Heterocyclic Carbene Gold(I) and Copper(I) Complexes in C-H Bond Activation. <i>Accounts of Chemical Research</i> , 2012, 45, 778-787.	15.6	320

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37	Amination Reactions of Aryl Halides with Nitrogen-Containing Reagents Mediated by Palladium/Imidazolium Salt Systems. <i>Journal of Organic Chemistry</i> , 2001, 66, 7729-7737.	3.2	319
38	Well-Defined Palladium(II)-NHC Precatalysts for Cross-Coupling Reactions of Amides and Esters by Selective N-C/O-C Cleavage. <i>Accounts of Chemical Research</i> , 2018, 51, 2589-2599.	15.6	316
39	Rapid Room Temperature Buchwald-Hartwig and Suzuki-Miyaura Couplings of Heteroaromatic Compounds Employing Low Catalyst Loadings. <i>Chemistry - A European Journal</i> , 2006, 12, 5142-5148.	3.3	314
40	Au-Catalyzed Tandem [3,3] Rearrangement-Intramolecular Hydroarylation: Mild and Efficient Formation of Substituted Indenes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3647-3650.	13.8	311
41	Carboxylation of Ni-H/C-H Bonds Using N-Heterocyclic Carbene Copper(I) Complexes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8674-8677.	13.8	309
42	Synthesis of Well-Defined N-Heterocyclic Carbene Silver(I) Complexes. <i>Organometallics</i> , 2005, 24, 6301-6309.	2.3	306
43	Stereoelectronic Effects Characterizing Nucleophilic Carbene Ligands Bound to the Cp*RuCl (Cp* =) Tj ETQq1 1 0.784314 rgBT /Overlo	2.3	305
44	Thermochemistry and catalytic application in olefin metathesis. <i>Journal of Organometallic Chemistry</i> , 2000, 606, 49-54.	1.8	304
45	Synthetic and Structural Studies of (NHC)Pd(allyl)Cl Complexes (NHC = N-heterocyclic carbene). <i>Organometallics</i> , 2004, 23, 1629-1635.	2.3	296
46	Synthesis, Characterization, and Catalytic Activity of N-Heterocyclic Carbene (NHC) Palladacycle Complexes. <i>Organic Letters</i> , 2003, 5, 1479-1482.	4.6	290
47	Interaction of a Bulky N-Heterocyclic Carbene Ligand with Rh(I) and Ir(I). Double C-H Activation and Isolation of Bare 14-Electron Rh(III) and Ir(III) Complexes. <i>Journal of the American Chemical Society</i> , 2005, 127, 3516-3526.	13.7	285
48	(NHC)CuI (NHC = N-Heterocyclic Carbene) Complexes as Efficient Catalysts for the Reduction of Carbonyl Compounds. <i>Organometallics</i> , 2004, 23, 1157-1160.	2.3	283
49	A N-heterocyclic carbene gold hydroxide complex: a golden synthon. <i>Chemical Communications</i> , 2010, 46, 2742.	4.1	276
50	Quantifying and understanding the steric properties of N-heterocyclic carbenes. <i>Chemical Communications</i> , 2017, 53, 2650-2660.	4.1	271
51	Golden Carousel in Catalysis: The Cationic Gold/Propargylic Ester Cycle. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 718-721.	13.8	265
52	[(NHC) ₂ Cu]X Complexes as Efficient Catalysts for Azide-Alkyne Click Chemistry at Low Catalyst Loadings. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8881-8884.	13.8	257
53	Highly Efficient Heck Reactions of Aryl Bromides with n-Butyl Acrylate Mediated by a Palladium/Phosphine-Imidazolium Salt System. <i>Organic Letters</i> , 2001, 3, 1511-1514.	4.6	253
54	Convenient and Efficient Suzuki-Miyaura Cross-Coupling Catalyzed by a Palladium/Diazabutadiene System. <i>Organic Letters</i> , 2001, 3, 1077-1080.	4.6	249

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55	Suzuki-Miyaura, α -Ketone Arylation and Dehalogenation Reactions Catalyzed by a Versatile N-Heterocyclic Carbene-Palladacycle Complex. <i>Journal of Organic Chemistry</i> , 2006, 71, 685-692.	3.2	244
56	What can NMR spectroscopy of selenoureas and phosphinidenes teach us about the π -accepting abilities of N-heterocyclic carbenes?. <i>Chemical Science</i> , 2015, 6, 1895-1904.	7.4	244
57	Transition-metal systems bearing a nucleophilic carbene ancillary ligand: from thermochemistry to catalysis. <i>Advances in Organometallic Chemistry</i> , 2000, 46, 181-222.	1.0	243
58	General and Efficient Catalytic Amination of Aryl Chlorides Using a Palladium/Bulky Nucleophilic Carbene System. <i>Organic Letters</i> , 1999, 1, 1307-1309.	4.6	239
59	Influence of Sterically Demanding Carbene Ligation on Catalytic Behavior and Thermal Stability of Ruthenium Olefin Metathesis Catalysts. <i>Organometallics</i> , 1999, 18, 5375-5380.	2.3	237
60	Well-Defined, Air-Stable (NHC)Pd(Allyl)Cl (NHC = N-Heterocyclic Carbene) Catalysts for the Arylation of Ketones. <i>Organic Letters</i> , 2002, 4, 4053-4056.	4.6	236
61	An Air-Stable Palladium/N-Heterocyclic Carbene Complex and Its Reactivity in Aryl Amination. <i>Organic Letters</i> , 2002, 4, 2229-2231.	4.6	233
62	Efficient Transesterification/Acylation Reactions Mediated by N-Heterocyclic Carbene Catalysts. <i>Journal of Organic Chemistry</i> , 2003, 68, 2812-2819.	3.2	229
63	Straightforward synthesis of [Au(NHC)X] (NHC = N-heterocyclic carbene, X = Cl, Br, I) complexes. <i>Chemical Communications</i> , 2013, 49, 5541.	4.1	223
64	Cationic Iridium Complexes Bearing Imidazol-2-ylidene Ligands as Transfer Hydrogenation Catalysts. <i>Organometallics</i> , 2001, 20, 4246-4252.	2.3	215
65	Indenylidene-Imidazolylidene Complexes of Ruthenium as Ring-Closing Metathesis Catalysts. <i>Organometallics</i> , 1999, 18, 5416-5419.	2.3	214
66	Thermodynamics of N-Heterocyclic Carbene Dimerization: The Balance of Sterics and Electronics. <i>Organometallics</i> , 2008, 27, 2679-2681.	2.3	213
67	Chemoselective olefin metathesis transformations mediated by ruthenium complexes. <i>Chemical Society Reviews</i> , 2010, 39, 3305.	38.1	203
68	A Simple and Efficient Copper-Catalyzed Procedure for the Hydrosilylation of Hindered and Functionalized Ketones. <i>Journal of Organic Chemistry</i> , 2005, 70, 4784-4796.	3.2	200
69	[(NHC)CuX] complexes: Synthesis, characterization and catalytic activities in reduction reactions and Click Chemistry. On the advantage of using well-defined catalytic systems. <i>Dalton Transactions</i> , 2010, 39, 7595.	3.3	197
70	Simple (Imidazol-2-ylidene)-Pd-Acetate Complexes as Effective Precatalysts for Sterically Hindered Suzuki-Miyaura Couplings. <i>Organic Letters</i> , 2005, 7, 1829-1832.	4.6	194
71	Efficient Cross-Coupling Reactions of Aryl Chlorides and Bromides with Phenyl- or Vinyltrimethoxysilane Mediated by a Palladium/Imidazolium Chloride System. <i>Organic Letters</i> , 2000, 2, 2053-2055.	4.6	193
72	Synthesis, Characterization and Reactivity of N-Heterocyclic Carbene Gold(III) Complexes. <i>Organometallics</i> , 2007, 26, 1376-1385.	2.3	189

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73	Copper N-heterocyclic carbene complexes in catalysis. <i>Catalysis Science and Technology</i> , 2013, 3, 912.	4.1	187
74	Catalytic Dehalogenation of Aryl Halides Mediated by a Palladium/Imidazolium Salt System. <i>Organometallics</i> , 2001, 20, 3607-3612.	2.3	181
75	Electronic Properties of N-Heterocyclic Carbene (NHC) Ligands: Synthetic, Structural, and Spectroscopic Studies of (NHC)Platinum(II) Complexes. <i>Organometallics</i> , 2007, 26, 5880-5889.	2.3	181
76	[(NHC)AuI]-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
77	Organo-f-element thermochemistry. Absolute metal-ligand bond disruption enthalpies in bis(pentamethylcyclopentadienyl)samarium hydrocarbyl, hydride, dialkylamide, alkoxide, halide, thiolate, and phosphide complexes. Implications for organolanthanide bonding and reactivity. <i>Journal of the American Chemical Society</i> , 1989, 111, 7844-7853.	13.7	177
78	Gold Activation of Nitriles: Catalytic Hydration to Amides. <i>Chemistry - A European Journal</i> , 2009, 15, 8695-8697.	3.3	175
79	Development of Versatile and Silver-Free Protocols for Gold(I) Catalysis. <i>Chemistry - A European Journal</i> , 2010, 16, 13729-13740.	3.3	175
80	(IPr)Pd(acac)Cl: An Easily Synthesized, Efficient, and Versatile Precatalyst for C-N and C-C Bond Formation. <i>Journal of Organic Chemistry</i> , 2006, 71, 3816-3821.	3.2	174
81	Stable, Three-Coordinate Ni(CO) ₂ (NHC) (NHC = N-Heterocyclic Carbene) Complexes Enabling the Determination of Ni-NHC Bond Energies. <i>Journal of the American Chemical Society</i> , 2003, 125, 10490-10491.	13.7	173
82	Synthesis of N-heterocyclic carbene ligands and derived ruthenium olefin metathesis catalysts. <i>Nature Protocols</i> , 2011, 6, 69-77.	12.0	171
83	Transesterification/Acylation of Secondary Alcohols Mediated by N-Heterocyclic Carbene Catalysts. <i>Journal of Organic Chemistry</i> , 2004, 69, 209-212.	3.2	169
84	[Pd(IPr*)(OMe)(acac)Cl]: Tuning the N-Heterocyclic Carbene in Catalytic C-N Bond Formation. <i>Organometallics</i> , 2013, 32, 330-339.	2.3	167
85	Alkane Carbon-Hydrogen Bond Functionalization with (NHC)MCl Precatalysts (M = Cu, Au; NHC =) <i>Tj ETQq1 1 0.784314 rgBT /Over</i> 2.3 164	2.3	164
86	Dinuclear Gold Catalysis: Are Two Gold Centers Better than One?. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8156-8159.	13.8	164
87	[Pd(IPr*)(cinnamyl)Cl]: An Efficient Pre-catalyst for the Preparation of Tetra-ortho-substituted Biaryls by Suzuki-Miyaura Cross-Coupling. <i>Chemistry - A European Journal</i> , 2012, 18, 4517-4521.	3.3	164
88	Simple Synthesis of CpNi(NHC)Cl Complexes (Cp = Cyclopentadienyl; NHC = N-Heterocyclic Carbene). <i>Organometallics</i> , 2005, 24, 3442-3447.	2.3	163
89	Cationic NHC-gold(I) complexes: Synthesis, isolation, and catalytic activity. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 551-560.	1.8	163
90	Palladium/Imidazolium Salt Catalyzed Coupling of Aryl Halides with Hypervalent Organostannates. <i>Organic Letters</i> , 2001, 3, 119-122.	4.6	161

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91	Homogeneous Nickel Catalysts for the Selective Transfer of a Single Arylthio Group in the Catalytic Hydrothiolation of Alkynes. <i>Organometallics</i> , 2006, 25, 4462-4470.	2.3	157
92	A Cationic Iridium Complex Bearing an Imidazol-2-ylidene Ligand as Alkene Hydrogenation Catalyst. <i>Organometallics</i> , 2001, 20, 1255-1258.	2.3	154
93	Cationic Copper(I) Complexes as Efficient Precatalysts for the Hydrosilylation of Carbonyl Compounds. <i>Organometallics</i> , 2006, 25, 2355-2358.	2.3	154
94	Ruthenium π -indenylidene complexes: powerful tools for metathesis transformations. <i>Chemical Communications</i> , 2008, , 2726.	4.1	153
95	Intramolecular C α -H Activation Involving a Rhodium π -Imidazol-2-ylidene Complex and Its Reaction with H ₂ and CO. <i>Organometallics</i> , 2000, 19, 1194-1197.	2.3	149
96	Synthesis and Characterization of [Cu(NHC) ₂]X Complexes: Catalytic and Mechanistic Studies of Hydrosilylation Reactions. <i>Chemistry - A European Journal</i> , 2008, 14, 158-168.	3.3	145
97	A [(NHC)CuCl] complex as a latent Click catalyst. <i>Chemical Communications</i> , 2008, , 4747.	4.1	143
98	N α -Heterocyclic Carbene and Phosphine Ruthenium Indenylidene Precatalysts: A Comparative Study in Olefin Metathesis. <i>Chemistry - A European Journal</i> , 2007, 13, 8029-8036.	3.3	142
99	Organolanthanide-centered hydroamination/cyclization of aminoolefins. Expedient oxidative access to catalytic cycles. <i>Organometallics</i> , 1990, 9, 1716-1718.	2.3	141
100	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
101	Au/Ag-Cocatalyzed Aldoximes to Amides Rearrangement under Solvent- and Acid-Free Conditions. <i>Journal of Organic Chemistry</i> , 2010, 75, 1197-1202.	3.2	139
102	Direct C α -H carboxylation with complexes of the coinage metals. <i>Chemical Communications</i> , 2011, 47, 3021-3024.	4.1	136
103	Key processes in ruthenium-catalysed olefin metathesis. <i>Chemical Communications</i> , 2014, 50, 10355.	4.1	136
104	Synthetic and Structural Studies of [AuCl ₃ (NHC)] Complexes. <i>Organometallics</i> , 2010, 29, 394-402.	2.3	135
105	A general synthetic route to [Cu(X)(NHC)] (NHC = N-heterocyclic carbene, X = Cl, Br, I) complexes. <i>Chemical Communications</i> , 2013, 49, 10483.	4.1	135
106	[Pd(IPr*)(3-Cl-pyridinyl)Cl] ₂ : A Novel and Efficient PEPPSI Precatalyst. <i>Organometallics</i> , 2012, 31, 6947-6951.	2.3	130
107	Gold π - and Platinum π -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
108	Electrochemical oxidation and nucleophilic addition reactions of metallocenes in electrospray mass spectrometry. <i>Analytical Chemistry</i> , 1994, 66, 119-125.	6.5	127

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109	[(NHC)Au]-Catalyzed Rearrangement of Allylic Acetates. <i>Organic Letters</i> , 2007, 9, 2653-2656.	4.6	127
110	Monomeric Cyclopentadienylnickel Methoxo and Amido Complexes: Synthesis, Characterization, Reactivity, and Use for Exploring the Relationship between $H^{\wedge}X$ and $M^{\wedge}X$ Bond Energies. <i>Journal of the American Chemical Society</i> , 1997, 119, 12800-12814.	13.7	126
111	(p-cymene)RuLCl ₂ (L = 1,3-Bis(2,4,6-trimethylphenyl)imidazol-2-ylidene and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (1,3-Butadiene) Catalyzed Hydrocyanation of Alkynes. <i>Organometallics</i> , 1999, 18, 3760-3763.	2.3	126
112	Structural requirements for the interaction of combretastatins with tubulin: how important is the trimethoxy unit?. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 3033-3037.	2.8	126
113	Coordinatively Unsaturated 16-Electron Ruthenium Allenylidene Complexes: Synthetic, Structural, and Catalytic Studies. <i>Organometallics</i> , 1999, 18, 5187-5190.	2.3	125
114	Efficient Sonogashira Reactions of Aryl Bromides with Alkynylsilanes Catalyzed by a Palladium/Imidazolium Salt System. <i>Organometallics</i> , 2002, 21, 1020-1022.	2.3	125
115	An Industrially Viable Catalyst System for Palladium-Catalyzed Telomerizations of 1,3-Butadiene with Alcohols. <i>Chemistry - A European Journal</i> , 2004, 10, 3891-3900.	3.3	125
116	N-Heterocyclic Carbene-Copper(I) Complexes in Homogeneous Catalysis. <i>Synlett</i> , 2007, 2007, 2158-2167.	1.8	123
117	TRANSITION METAL-CATALYZED HYDROSILYLATION OF CARBONYL COMPOUNDS AND IMINES. A REVIEW. <i>Organic Preparations and Procedures International</i> , 2007, 39, 523-559.	1.3	123
118	Hydrophenoxylation of Alkynes by Cooperative Gold Catalysis. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9767-9771.	13.8	121
119	Rhodium alkoxide complexes. Formation of an unusually strong intermolecular hydrogen bond in (PMe ₃) ₃ Rh-Otol(HOtol). <i>Journal of the American Chemical Society</i> , 1987, 109, 6563-6565.	13.7	120
120	Room-temperature activation of aryl chlorides in Suzuki-Miyaura coupling using a [Pd(η^5 -Cp*)Cl(NHC)] ₂ complex (NHC = N-heterocyclic carbene). <i>Chemical Communications</i> , 2008, , 3190.	4.1	119
121	N-Heterocyclic Carbene Palladium Complexes Bearing Carboxylate Ligands and Their Catalytic Activity in the Hydroarylation of Alkynes. <i>Organometallics</i> , 2004, 23, 3752-3755.	2.3	118
122	A Versatile Cuprous Synthon: [Cu(IPr)(OH)] (IPr = 1,3 bis(diisopropylphenyl)imidazol-2-ylidene). <i>Organometallics</i> , 2010, 29, 3966-3972.	2.3	118
123	Synthetic Routes to Late Transition Metal NHC Complexes. <i>Trends in Chemistry</i> , 2020, 2, 721-736.	8.5	118
124	On the Origin of Selective Nitrous Oxide N-N Bond Cleavage by Three-Coordinate Molybdenum(III) Complexes. <i>Journal of the American Chemical Society</i> , 2001, 123, 7271-7286.	13.7	117
125	Selectivity Switch in the Synthesis of Vinylgold(I) Intermediates. <i>Organometallics</i> , 2011, 30, 6328-6337.	2.3	116
126	Complete Control of the Chemoselectivity in Catalytic Carbene Transfer Reactions from Ethyl Diazoacetate: An N-Heterocyclic Carbene-Cu System That Suppresses Diazo Coupling. <i>Journal of the American Chemical Society</i> , 2004, 126, 10846-10847.	13.7	115

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127	Large yet Flexible Nâ€Heterocyclic Carbene Ligands for Palladium Catalysis. Chemistry - A European Journal, 2013, 19, 17358-17368.	3.3	114
128	Four-Coordinate Molybdenum Chalcogenide Complexes Relevant to Nitrous Oxide Nâ€N Bond Cleavage by Three-Coordinate Molybdenum(III):A Synthesis, Characterization, Reactivity, and Thermochemistry. Journal of the American Chemical Society, 1998, 120, 2071-2085.	13.7	113
129	The Cl ₂ (PCy ₃)(IMes)Ru(̄...CHPh) catalyst: olefin metathesis versus olefin isomerization. Journal of Organometallic Chemistry, 2002, 643-644, 247-252.	1.8	113
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134

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