

Jianbo Wang

List of Publications by Year in descending order

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306
papers

22,325
citations

6254

80
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12272

133
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405
all docs

405
docs citations

405
times ranked

9193
citing authors

#	ARTICLE	IF	CITATIONS
1	Transition-Metal-Catalyzed Cross-Couplings through Carbene Migratory Insertion. <i>Chemical Reviews</i> , 2017, 117, 13810-13889.	47.7	915
2	Diazo Compounds and <i>N</i> -Tosylhydrazones: Novel Cross-Coupling Partners in Transition-Metal-Catalyzed Reactions. <i>Accounts of Chemical Research</i> , 2013, 46, 236-247.	15.6	879
3	Recent studies on the reactions of α -diazocarbonyl compounds. <i>Tetrahedron</i> , 2008, 64, 6577-6605.	1.9	728
4	Copper-Catalyzed C(sp ³)–C(sp ³) Bond Formation Using a Hypervalent Iodine Reagent: An Efficient Allylic Trifluoromethylation. <i>Journal of the American Chemical Society</i> , 2011, 133, 16410-16413.	13.7	439
5	Recent applications of arene diazonium salts in organic synthesis. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1582.	2.8	396
6	Catalytic Cascade Reactions Involving Metal Carbene Migratory Insertion. <i>ACS Catalysis</i> , 2013, 3, 2586-2598.	11.2	342
7	Recent developments in copper-catalyzed reactions of diazo compounds. <i>Chemical Communications</i> , 2012, 48, 10162.	4.1	323
8	<i>N</i> -Tosylhydrazones: versatile synthons in the construction of cyclic compounds. <i>Chemical Society Reviews</i> , 2017, 46, 2306-2362.	38.1	271
9	Copper-Catalyzed Direct Benzyltion or Allylation of 1,3-Azoles with <i>N</i> -Tosylhydrazones. <i>Journal of the American Chemical Society</i> , 2011, 133, 3296-3299.	13.7	261
10	Coupling of <i>N</i> -Tosylhydrazones with Terminal Alkynes Catalyzed by Copper(I): Synthesis of Trisubstituted Allenes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1114-1117.	13.8	261
11	Recent Developments in Pd-Catalyzed Reactions of Diazo Compounds. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1015-1026.	2.4	250
12	Recent development of reactions with α -diazocarbonyl compounds as nucleophiles. <i>Chemical Communications</i> , 2009, , 5350.	4.1	240
13	Rhodium(III)-Catalyzed <i>ortho</i> Alkenylation of <i>N</i> -Phenoxyacetamides with <i>N</i> -Tosylhydrazones or Diazoesters through C–H Activation. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1364-1367.	13.8	229
14	C–H bond functionalization based on metal carbene migratory insertion. <i>Chemical Communications</i> , 2015, 51, 7986-7995.	4.1	229
15	Silver-Mediated Trifluoromethylation of Aryldiazonium Salts: Conversion of Amino Group into Trifluoromethyl Group. <i>Journal of the American Chemical Society</i> , 2013, 135, 10330-10333.	13.7	222
16	Cross-Coupling Reactions Involving Metal Carbene: From C–C Bond Formation to C–H Bond Functionalization. <i>Journal of Organic Chemistry</i> , 2013, 78, 10024-10030.	3.2	219
17	Gold-Catalyzed Halogenation of Aromatics by <i>N</i> -Halosuccinimides. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2028-2032.	13.8	213
18	Recent Advances in the Synthesis of Aryl Nitrile Compounds. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 4068-4105.	4.3	208

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19	Direct Conversion of Arylamines to Pinacol Boronates: A Metal-Free Borylation Process. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1846-1849.	13.8	206
20	Pd-Catalyzed Three-Component Coupling of <i>N</i> -Tosylhydrazone, Terminal Alkyne, and Aryl Halide. <i>Journal of the American Chemical Society</i> , 2010, 132, 13590-13591.	13.7	200
21	Catalytic asymmetric trifluoromethylthiolation via enantioselective [2,3]-sigmatropic rearrangement of sulfonium ylides. <i>Nature Chemistry</i> , 2017, 9, 970-976.	13.6	188
22	Rhodium(III)-Catalyzed Transannulation of Cyclopropenes with <i>N</i> -Phenoxyacetamides through C-H Activation. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13234-13238.	13.8	186
23	Formal Carbene Insertion into C-C Bond: Rh(I)-Catalyzed Reaction of Benzocyclobutenols with Diazoesters. <i>Journal of the American Chemical Society</i> , 2014, 136, 3013-3015.	13.7	182
24	Palladium-Catalyzed Cross-Coupling of \pm -Diazocarbonyl Compounds with Arylboronic Acids. <i>Journal of the American Chemical Society</i> , 2008, 130, 1566-1567.	13.7	177
25	C(sp) ² -C(sp ³) Bond Formation through Cu-Catalyzed Cross-Coupling of <i>N</i> -Tosylhydrazones and Trialkylsilylalkynes. <i>Journal of the American Chemical Society</i> , 2012, 134, 5742-5745.	13.7	177
26	Synthesis, Structure, and Reactivity of Anionic sp ² -sp ³ Diboron Compounds: Readily Accessible Boryl Nucleophiles. <i>Chemistry - A European Journal</i> , 2015, 21, 7082-7098.	3.3	175
27	Recent advances in catalytic asymmetric synthesis of allenes. <i>Catalysis Science and Technology</i> , 2017, 7, 4570-4579.	4.1	174
28	Pd-Catalyzed Carbonylation of Diazo Compounds at Atmospheric Pressure: A Catalytic Approach to Ketenes. <i>Journal of the American Chemical Society</i> , 2011, 133, 4330-4341.	13.7	173
29	Sequential catalytic process: synthesis of quinoline derivatives by AuCl ₃ /CuBr-catalyzed three-component reaction of aldehydes, amines, and alkynes. <i>Tetrahedron</i> , 2008, 64, 2755-2761.	1.9	169
30	Disposing and Recycling Waste Printed Circuit Boards: Disconnecting, Resource Recovery, and Pollution Control. <i>Environmental Science & Technology</i> , 2015, 49, 721-733.	10.0	168
31	Pd-Catalyzed C=C Double-Bond Formation by Coupling of <i>N</i> -Tosylhydrazones with Benzyl Halides. <i>Organic Letters</i> , 2009, 11, 4732-4735.	4.6	167
32	Transition-Metal-Catalyzed Cross-Coupling with Ketones or Aldehydes via <i>N</i> -Tosylhydrazones. <i>Journal of the American Chemical Society</i> , 2020, 142, 10592-10605.	13.7	167
33	Palladium-Catalyzed Direct Cyanation of Indoles with K ₄ [Fe(CN) ₆]. <i>Organic Letters</i> , 2010, 12, 1052-1055.	4.6	165
34	Transition-Metal-Free Synthesis of Pinacol Alkylboronates from Tosylhydrazones. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2943-2946.	13.8	161
35	Recent Development of Aryl Diazonium Chemistry for the Derivatization of Aromatic Compounds. <i>Chemical Reviews</i> , 2021, 121, 5741-5829.	47.7	160
36	Palladium-Catalyzed Oxidative Cross-Coupling of <i>N</i> -Tosylhydrazones or Diazoesters with Terminal Alkynes: A Route to Conjugated Enynes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3510-3514.	13.8	157

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37	Reaction of Diazo Compounds with Difluorocarbene: An Efficient Approach towards 1,1-Difluoroolefins. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 273-277.	13.8	155
38	CuBr-Catalyzed Coupling of <i>N</i> -Tosylhydrazones and Terminal Alkynes: Synthesis of Benzofurans and Indoles. <i>Organic Letters</i> , 2011, 13, 968-971.	4.6	153
39	Palladium-Catalyzed Carbene Migratory Insertion Using Conjugated Ene-Ketones as Carbene Precursors. <i>Journal of the American Chemical Society</i> , 2013, 135, 13502-13511.	13.7	153
40	Palladium-Catalyzed Carbonylation/Acyl Migratory Insertion Sequence. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1139-1142.	13.8	152
41	Enantioselective Synthesis of Trisubstituted Allenes via Cu(I)-Catalyzed Coupling of Diazoalkanes with Terminal Alkynes. <i>Journal of the American Chemical Society</i> , 2016, 138, 14558-14561.	13.7	149
42	Formal Carbon Insertion of <i>N</i> -Tosylhydrazone into B-B and B-Si Bonds: <i>gem</i> -Diborylation and <i>gem</i> -Silylborylation of sp^3 Carbon. <i>Organic Letters</i> , 2014, 16, 448-451.	4.6	147
43	Catalytic [2,3]-sigmatropic rearrangement of sulfur ylide derived from metal carbene. <i>Coordination Chemistry Reviews</i> , 2010, 254, 941-953.	18.8	145
44	Pd-catalyzed oxidative cross-coupling of <i>N</i> -tosylhydrazones with arylboronic acids. <i>Chemical Communications</i> , 2010, 46, 1724.	4.1	143
45	Rhodium(II)-Catalyzed Cyclization of Bis(<i>N</i> -tosylhydrazone)s: An Efficient Approach towards Polycyclic Aromatic Compounds. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5714-5717.	13.8	143
46	Ir(III)-Catalyzed Aromatic C-H Bond Functionalization via Metal Carbene Migratory Insertion. <i>Journal of Organic Chemistry</i> , 2015, 80, 223-236.	3.2	142
47	Silver(I)-Catalyzed <i>N</i> -Trifluoroethylation of Anilines and <i>O</i> -Trifluoroethylation of Amides with 2,2,2-Trifluorodiazoethane. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14503-14507.	13.8	141
48	Lewis Acid Catalyzed Direct Cyanation of Indoles and Pyrroles with <i>N</i> -Cyano- <i>N</i> -phenyl- <i>p</i> -toluenesulfonamide (NCTS). <i>Organic Letters</i> , 2011, 13, 5608-5611.	4.6	135
49	Arylation and Vinylation of α -Diazocarbonyl Compounds with Boroxines. <i>Organic Letters</i> , 2009, 11, 1667-1670.	4.6	133
50	Highly Stereoselective [2,3]-Sigmatropic Rearrangement of Sulfur Ylide Generated through Cu(I) Carbene and Sulfides. <i>Journal of the American Chemical Society</i> , 2005, 127, 15016-15017.	13.7	131
51	Synthesis of Pinacol Arylboronates from Aromatic Amines: A Metal-Free Transformation. <i>Journal of Organic Chemistry</i> , 2013, 78, 1923-1933.	3.2	128
52	Palladium(II)-Catalyzed Direct Conversion of Methyl Arenes into Aromatic Nitriles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10573-10576.	13.8	127
53	Renaissance of Sandmeyer-Type Reactions: Conversion of Aromatic C-N Bonds into C-X Bonds (X = B, Tj ETQq1 1 0.784314 rgB / 15.6 124	15.6	124
54	1,2-Aryl and 1,2-Hydride Migration in Transition Metal Complex Catalyzed Diazo Decomposition: A Novel Approach to α -Aryl- β -enamino Esters. <i>Organic Letters</i> , 2001, 3, 2989-2992.	4.6	122

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55	Cu(I)-Catalyzed Cross-Coupling of Terminal Alkynes with Trifluoromethyl Ketone <i>N</i> -Tosylhydrazones: Access to 1,1-Difluoro-1,3-enynes. <i>Organic Letters</i> , 2015, 17, 2474-2477.	4.6	121
56	Transition-Metal-Free Electrophilic Amination of Arylboroxines. <i>Organic Letters</i> , 2012, 14, 4230-4233.	4.6	112
57	Transition metal-catalyzed [2,3]-sigmatropic rearrangements of ylides: An update of the most recent advances. <i>Tetrahedron</i> , 2017, 73, 4011-4022.	1.9	109
58	Copper(I)-Catalyzed Alkylation of Polyfluoroarenes through Direct C-H Bond Functionalization. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4669-4672.	13.8	107
59	Directing group-assisted transition-metal-catalyzed vinylic C-H bond functionalization. <i>Science China Chemistry</i> , 2015, 58, 1252-1265.	8.2	107
60	Recent advances in transition-metal-catalyzed synthesis of conjugated enynes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6638-6650.	2.8	107
61	Iron(II)-Catalyzed Direct Cyanation of Arenes with Aryl(cyano)iodonium Triflates. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2186-2189.	13.8	106
62	Palladium-catalyzed reaction of allyl halides with α -diazocarbonyl compounds. <i>Chemical Communications</i> , 2008, , 4198.	4.1	105
63	Transition-Metal-Catalyzed Rearrangement of Allenyl Sulfides: A Route to Furan Derivatives. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1905-1908.	13.8	102
64	Geminal bis(boron) compounds: Their preparation and synthetic applications. <i>Tetrahedron Letters</i> , 2018, 59, 2128-2140.	1.4	102
65	Trifluoromethylthiolation of Diazo Compounds through Copper Carbene Migratory Insertion. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3093-3096.	2.4	98
66	Au-catalyzed isomerization of cyclopropenes: a novel approach to indene derivatives. <i>Tetrahedron Letters</i> , 2009, 50, 2956-2959.	1.4	95
67	CuI-Catalyzed Cross-Coupling of <i>N</i> -Tosylhydrazones with Terminal Alkynes: Synthesis of 1,3-Disubstituted Allenes. <i>Journal of Organic Chemistry</i> , 2013, 78, 1236-1241.	3.2	95
68	Palladium-Catalyzed Formal [4 + 1] Annulation via Metal Carbene Migratory Insertion and C(sp ²)-H Bond Functionalization. <i>ACS Catalysis</i> , 2017, 7, 1993-1997.	11.2	95
69	Catalytic Asymmetric [2,3]-Sigmatropic Rearrangement of Sulfur Ylides Generated from Copper(I) Carbenoids and Allyl Sulfides. <i>Journal of Organic Chemistry</i> , 2002, 67, 5621-5625.	3.2	94
70	Gold(III)-Catalyzed Halogenation of Aromatic Boronates with <i>N</i> -Halosuccinimides. <i>Organic Letters</i> , 2010, 12, 5474-5477.	4.6	94
71	Palladium-Catalyzed C-H Functionalization of Acyldiazomethane and Tandem Cross-Coupling Reactions. <i>Journal of the American Chemical Society</i> , 2015, 137, 4435-4444.	13.7	94
72	Pd(0)-Catalyzed Carbene Insertion into Si-H and Sn-H Bonds. <i>Journal of the American Chemical Society</i> , 2015, 137, 12800-12803.	13.7	94

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73	Palladium-Catalyzed Three-Component Reaction of Allenes, Aryl Iodides, and Diazo Compounds: Approach to 1,3-Dienes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9305-9308.	13.8	93
74	DBU-promoted condensation of acyldiazomethanes to aldehydes and imines under catalytic conditions. <i>Tetrahedron Letters</i> , 2002, 43, 1285-1287.	1.4	90
75	Copper-Catalyzed Direct Ortho-Alkylation of N-Iminopyridinium Ylides with N-Tosylhydrazones. <i>Journal of Organic Chemistry</i> , 2013, 78, 3879-3885.	3.2	90
76	Gold(I)-Catalyzed Cycloisomerization of Enynes Containing Cyclopropenes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6413-6417.	13.8	89
77	Palladium-Catalyzed Cross-Coupling of Aryl or Vinyl Iodides with Ethyl Diazoacetate. <i>Journal of the American Chemical Society</i> , 2007, 129, 8708-8709.	13.7	84
78	Palladium-Catalyzed Diarylmethyl C(sp ³)-C(sp ²) Bond Formation: A New Coupling Approach toward Triarylmethanes. <i>Organic Letters</i> , 2013, 15, 1784-1787.	4.6	84
79	Switchable 2,2,2-Trifluoroethylation and <i>gem</i> -Difluorovinylolation of Organoboronic Acids with 2,2,2-Trifluorodiazaoethane. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4477-4481.	2.4	84
80	Transition-Metal-Free Intramolecular Carbene Aromatic Substitution/B ^{1,4} cherner Reaction: Synthesis of Fluorenes and [6,5,7]Benzo-fused Rings. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3056-3060.	13.8	84
81	Palladium(0)-Catalyzed Cross-Coupling of 1,1-Diboronates with Vinyl Bromides and 1,1-Dibromoalkenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11921-11925.	13.8	82
82	Direct Catalytic Asymmetric Aldol-Type Reaction of Aldehydes with Ethyl Diazoacetate. <i>Organic Letters</i> , 2003, 5, 1527-1530.	4.6	81
83	Catalytic Thia-Sommelet-Hauser Rearrangement: Application to the Synthesis of Oxindoles. <i>Organic Letters</i> , 2011, 13, 1210-1213.	4.6	81
84	Carbonylation of Metal Carbene with Carbon Monoxide: Generation of Ketene. <i>ACS Catalysis</i> , 2011, 1, 1621-1630.	11.2	79
85	Synthesis of α -Aryl Esters and Nitriles: Deaminative Coupling of α -Aminoesters and α -Aminoacetonitriles with Arylboronic Acids. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10510-10514.	13.8	79
86	Rh(II)-Catalyzed [2,3]-Sigmatropic Rearrangement of Sulfur Ylides Derived from Cyclopropenes and Sulfides. <i>Organic Letters</i> , 2015, 17, 3322-3325.	4.6	79
87	Synthesis of Aryl Trimethylstannanes from Aryl Amines: A Sandmeyer-Type Stannylation Reaction. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11581-11584.	13.8	78
88	1,2-Migration in Rhodium(II) Carbene Transfer Reaction: A Remarkable Steric Effect on Migratory Aptitude. <i>Journal of Organic Chemistry</i> , 2006, 71, 5789-5791.	3.2	75
89	Rh(I)-Catalyzed Carbonylative Carbocyclization of Tethered Ene and Yne cyclopropenes. <i>Organic Letters</i> , 2010, 12, 3082-3085.	4.6	75
90	Expedient Synthesis of Phenanthrenes via CuBr ₂ -Catalyzed Coupling of Terminal Alkynes and <i>N</i> -Tosylhydrazones Derived from <i>O</i> -Formyl Biphenyls. <i>Organic Letters</i> , 2011, 13, 5020-5023.	4.6	74

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91	Oxidative Cross-Coupling of Allenyl Ketones and Organoboronic Acids: Expedient Synthesis of Highly Substituted Furans. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3917-3921.	13.8	74
92	Pd-Carbene Migratory Insertion: Application to the Synthesis of Trifluoromethylated Alkenes and Dienes. <i>Chemistry - A European Journal</i> , 2014, 20, 961-965.	3.3	71
93	Cu(I)-Catalyzed Cross-Coupling of Conjugated Ene-yne-ketones and Terminal Alkynes: Synthesis of Furan-Substituted Allenes. <i>Organic Letters</i> , 2014, 16, 4082-4085.	4.6	70
94	Investigation of the Transition-Metal- and Acid-Catalyzed Reactions of β -(N-Tosyl)amino Diazo Carbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2003, 68, 893-900.	3.2	69
95	Highly efficient [2,3]-sigmatropic rearrangement of sulfur ylide derived from Rh(II) carbene and sulfides in water. <i>Green Chemistry</i> , 2007, 9, 184-188.	9.0	69
96	Catalyst-Free Intramolecular Formal Carbon Insertion into $\text{C}=\text{C}$ Bonds: A New Approach toward Phenanthrols and Naphthols. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2543-2546.	13.8	69
97	Recent advances in $\text{C}(\text{sp}^3)\text{-H}$ bond functionalization via metal-carbene insertions. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 796-804.	2.2	68
98	Synthesis of 3-trifluoromethylpyrazoles via trifluoromethylation/cyclization of β,β -alkynic hydrazones using a hypervalent iodine reagent. <i>Chemical Communications</i> , 2014, 50, 4361-4363.	4.1	67
99	Rhodium(I)-Catalyzed Sequential $\text{C}(\text{sp})\text{-C}(\text{sp}^3)$ and $\text{C}(\text{sp}^3)\text{-C}(\text{sp}^3)$ Bond Formation through Migratory Carbene Insertion. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7891-7894.	13.8	67
100	Distal $\text{C}=\text{C}$ Selective $\text{C}^{\alpha}\text{-C}$ Activation of Ring-Fused Cyclopentanones: An Efficient Access to Spiroindanones. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2376-2380.	13.8	64
101	Rh(II)-Catalyzed Sommelet-Hauser Rearrangement. <i>Organic Letters</i> , 2008, 10, 693-696.	4.6	62
102	Copper(I)-Catalyzed Three-Component Coupling of α -N-Tosylhydrazones, Alkynes and Azides: Synthesis of Trisubstituted 1,2,3-Triazoles. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2277-2286.	4.3	62
103	Pd(0)-Catalyzed Cross-Coupling of 1,1-Diboronates with 2,2-Dibromobiphenyls: Synthesis of 9-H-Fluorenes. <i>Journal of Organic Chemistry</i> , 2015, 80, 7779-7784.	3.2	61
104	Copper(I)-Catalyzed Chemoselective Coupling of Cyclopropanols with Diazoesters: Ring-Opening $\text{C}^{\alpha}\text{-C}$ Bond Formations. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3945-3950.	13.8	61
105	Catalytic asymmetric [2,3] sigmatropic rearrangement of sulfur ylides generated from carbenoids and propargyl sulfides. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 891-895.	1.8	60
106	Alkene Synthesis Through Transition Metal-Catalyzed Cross-Coupling of N-Tosylhydrazones. <i>Topics in Current Chemistry</i> , 2012, 327, 239-269.	4.0	59
107	Evolution of electronic waste toxicity: Trends in innovation and regulation. <i>Environment International</i> , 2016, 89-90, 147-154.	10.0	59
108	Pd-Catalyzed Cyclization and Carbene Migratory Insertion: New Approach to 3-Vinylindoles and 3-Vinylbenzofurans. <i>Organic Letters</i> , 2013, 15, 5032-5035.	4.6	57

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109	1,2-Vinyl and 1,2-Acetylenyl Migration in Rh(II) Carbene Reaction: A Remarkable Bystander Effect. <i>Journal of Organic Chemistry</i> , 2005, 70, 4318-4322.	3.2	56
110	Synthesis of Phenanthrenes through Copper-Catalyzed Cross-Coupling of <i>N</i> -Tosylhydrazones with Terminal Alkynes. <i>Journal of Organic Chemistry</i> , 2014, 79, 8689-8699.	3.2	56
111	Synthesis of Terminal Allenes through Copper-Mediated Cross-Coupling of Ethyne with <i>N</i> -Tosylhydrazones or α -Diazoesters. <i>Journal of Organic Chemistry</i> , 2015, 80, 647-652.	3.2	55
112	Reaction of Diazo Compounds with Organoboron Compounds. <i>Synthesis</i> , 2013, 45, 3090-3098.	2.3	54
113	Synthesis of Allyl Allenes through Three-Component Cross-Coupling Reaction of <i>N</i> -Tosylhydrazones, Terminal Alkynes, and Allyl Halides. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1404-1407.	3.3	53
114	Palladium-Catalyzed Enantioselective Carbene Insertion into Carbon-Silicon Bonds of Silacyclobutanes. <i>Journal of the American Chemical Society</i> , 2021, 143, 12968-12973.	13.7	53
115	DBU-catalyzed condensation of acyldiazomethanes to aldehydes in water and a new approach to ethyl β -hydroxy α -arylacrylates. <i>Tetrahedron Letters</i> , 2007, 48, 1147-1149.	1.4	51
116	Au(PPh ₃)Cl-AgSbF ₆ -catalyzed rearrangement of propargylic 1,3-dithianes: formation of 8-membered 1,3-bisthio-substituted cyclic allenenes. <i>Chemical Communications</i> , 2009, , 2535.	4.1	51
117	Rhodium- or Copper(I)-Catalyzed Formal Intramolecular Carbene Insertion into Vinylic C(sp ²)-H Bonds: Access to Substituted 1-H Allenes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16013-16017.	13.8	51
118	Pd-catalyzed cross-coupling of terminal alkynes with ene-yne-ketones: access to conjugated enynes via metal carbene migratory insertion. <i>Chemical Communications</i> , 2015, 51, 11233-11235.	4.1	50
119	Cyclopropylmethyl Palladium Species from Carbene Migratory Insertion: New Routes to 1,3-Butadienes. <i>Organic Letters</i> , 2012, 14, 922-925.	4.6	49
120	Palladium-Catalyzed Oxygenative Cross-Coupling of Ynamides and Benzyl Bromides by Carbene Migratory Insertion. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2716-2720.	13.8	49
121	A Kinetic Study on the Pairwise Competition Reaction of α -Diazo Esters with Rhodium(II) Catalysts: Implication for the Mechanism of Rh(II)-Carbene Transfer. <i>Journal of Organic Chemistry</i> , 2001, 66, 8139-8144.	3.2	48
122	Electronic Effects of Rh(II)-Mediated Carbenoid Intramolecular C-H Insertion: A Linear Free Energy Correlation Study. <i>Journal of Organic Chemistry</i> , 1998, 63, 1853-1862.	3.2	47
123	A Highly Stereoselective Addition of the Anion Derived from α -Diazoacetamide to Aromatic <i>N</i> -Tosylimines. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5977-5980.	13.8	47
124	Microwave-Assisted, Pd(0)-Catalyzed Cross-Coupling of Diazirines with Aryl Halides. <i>Organic Letters</i> , 2010, 12, 5580-5583.	4.6	46
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