

Jianbo Wang

List of Publications by Year in descending order

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306
papers

22,325
citations

6254

80
h-index

12272

133
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405
all docs

405
docs citations

405
times ranked

9193
citing authors

#	ARTICLE	IF	CITATIONS
1	Pd-Catalyzed coupling of benzyl bromides with BMIDA-substituted <i>N</i> -tosylhydrazones: synthesis of <i>trans</i> -alkenyl MIDA boronates. <i>Chemical Communications</i> , 2022, 58, 399-402.	4.1	5
2	Emission of PAHs, PCBs, PBDEs and heavy metals in air, water and soil around a waste plastic recycling factory in an industrial park, Eastern China. <i>Chemosphere</i> , 2022, 294, 133734.	8.2	21
3	Palladium-catalyzed carbene coupling polymerization: synthesis of <i>E</i> -poly(arylene vinylene)s. <i>Chemical Communications</i> , 2022, 58, 4032-4035.	4.1	4
4	Synthesis of polyallenoates through copper-mediated cross-coupling of dialkynes and bis- λ^2 -diaoesters. <i>Chemical Communications</i> , 2022, 58, 3909-3912.	4.1	5
5	Polymerization with the Cu(<i>scp</i>)-catalyzed Doyle-Kirmse reaction of bis(allyl sulfides) and bis(λ^2 -diaoesters). <i>Polymer Chemistry</i> , 2022, 13, 2123-2131.	3.9	10
6	Synthesis of Poly(λ^2 -hydroxyketone)s with Three-Component Polymerization of Diazocarbonyl Compounds, Triethylboron, and Aldehydes. <i>Macromolecules</i> , 2022, 55, 2424-2432.	4.8	11
7	Cu(I)/Chiral Bisoxazoline-Catalyzed Enantioselective Doyle-Kirmse Reaction of Allenyl Sulfides with λ^2 -Diaoesters. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	4
8	Ligand-Controlled Site- and Enantioselective Carbene Insertion into Carbon-Silicon Bonds of Benzosilacyclobutanes. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	13
9	Catalytic Asymmetric Homologation of 4-Substituted Cyclohexanones with CF_3CHN_2 : Enantioselective Synthesis of λ^2 -Trifluoromethyl Cycloheptanones. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202115098.	13.8	21
10	Catalytic Asymmetric Homologation of 4-Substituted Cyclohexanones with CF_3CHN_2 : Enantioselective Synthesis of λ^2 -Trifluoromethyl Cycloheptanones. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	3
11	Recycling lithium cobalt oxide from its spent batteries: An electrochemical approach combining extraction and synthesis. <i>Journal of Hazardous Materials</i> , 2021, 405, 124211.	12.4	29
12	Generation of λ^2 -Boryl Radicals and Their Conjugate Addition to Enones: Transition-Metal-Free Alkylation of <i>gem</i> - λ^2 -Diborylalkanes. <i>Chemistry - A European Journal</i> , 2021, 27, 2294-2298.	3.3	12
13	Transition-Metal-Catalyzed Polymerization of Cyclopropenes. <i>Chinese Journal of Organic Chemistry</i> , 2021, , 1888.	1.3	3
14	Palladium-Catalyzed Oxidative Coupling of the Allenic C-H Bond with λ^2 -Diazo Esters: Synthesis of [3]Dendralenes. <i>Journal of Organic Chemistry</i> , 2021, 86, 5371-5379.	3.2	6
15	Recent Development of Aryl Diazonium Chemistry for the Derivatization of Aromatic Compounds. <i>Chemical Reviews</i> , 2021, 121, 5741-5829.	47.7	160
16	Synthesis of Alkenylboronates from <i>N</i> -Tosylhydrazones through Palladium-Catalyzed Carbene Migratory Insertion. <i>Journal of the American Chemical Society</i> , 2021, 143, 9769-9780.	13.7	34
17	Carbene insertion into acyl C-H bonds: Rh(III)-catalyzed cross-coupling of 2-aminobenzaldehydes with conjugated enynones. <i>Tetrahedron</i> , 2021, 92, 132274.	1.9	2
18	Azacycle-Directed Formal Aromatic C(sp ²)-H Insertion with Cr(0) Fischer Carbene Complex via Oxidative Hydrogen Migration. <i>Organometallics</i> , 2021, 40, 3526-3534.	2.3	3

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19	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
20	Study of Gold Leaching Behavior in the Chlorination Process from Waste Printed Circuit Boards. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 284-290.	6.7	14
21	Palladium-Catalyzed Living/Controlled Vinyl Addition Polymerization of Cyclopropenes. <i>Journal of the American Chemical Society</i> , 2021, 143, 17806-17815.	13.7	16
22	Cp(η -Allyl)Pd-Initiated Polymerization of Diazoacetates: Reaction Development, Kinetic Study, and Chain Transfer with Alcohols. <i>Macromolecules</i> , 2021, 54, 10914-10922.	4.8	18
23	Reactions of Ylides Generated from M C Bonds. , 2021, , .		0
24	Synthesis and Rhodium(II)-Mediated Cascade Cyclopropanation/Rearrangement/Isomerization of Diazo 2,3,5-Trisubstituted Furans: The Construction of Penta-substituted Aromatic Compounds. <i>Journal of Organic Chemistry</i> , 2020, 85, 2395-2405.	3.2	12
25	Orthorhombic Nb ₂ O ₅ - for Durable High-Rate Anode of Li-Ion Batteries. <i>IScience</i> , 2020, 23, 100767.	4.1	39
26	Environmentally Friendly Technology for Separating Gold from Waste Printed Circuit Boards: A Combination of Suspension Electrolysis and a Chlorination Process. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 16952-16959.	6.7	12
27	Experimental and Computational Studies on Rh(I)-Catalyzed Reaction of Siloxyvinylcyclopropanes and Diazoesters. <i>Journal of the American Chemical Society</i> , 2020, 142, 21032-21039.	13.7	9
28	Cu(I)/Chiral Bisoxazoline-Catalyzed Enantioselective Sommelet-Hauser Rearrangement of Sulfonium Ylides. <i>Journal of Organic Chemistry</i> , 2020, 85, 12343-12358.	3.2	19
29	Construction of α -Alkenyl-Functionalized Spirocarbocyclic Scaffolds from α -Alkyne-Containing Phenol-Based Biaryls via Sequential Iodine-Induced Cyclization/De aromatization and Pd-Catalyzed Coupling of N -Tosylhydrazones. <i>Chinese Journal of Chemistry</i> , 2020, 38, 1257-1262.	4.9	11
30	Ring-opening iodination and bromination of unstrained cycloalkanols through β -scission of alkoxy radicals. <i>Chemical Communications</i> , 2020, 56, 5002-5005.	4.1	19
31	Difluoroketenimine: Generation from Difluorocarbene and Isocyanide and Its [3 + 2] Cycloadditions with Alkenes or Alkynes. <i>Journal of Organic Chemistry</i> , 2020, 85, 9791-9800.	3.2	19
32	Tracing and elucidating visible-light mediated oxidation and C-H functionalization of amines using mass spectrometry. <i>Chemical Communications</i> , 2020, 56, 2163-2166.	4.1	4
33	Palladium-Catalyzed Cascade Cyclization/De aromatization/Arylation of Alkyne-Containing Phenol-Based Biaryls with Aryl Halides: An Entry to Diversely Functionalized Spirocyclohexadienones. <i>Journal of Organic Chemistry</i> , 2020, 85, 6687-6696.	3.2	17
34	Transition-Metal-Catalyzed Cross-Coupling with Ketones or Aldehydes via N -Tosylhydrazones. <i>Journal of the American Chemical Society</i> , 2020, 142, 10592-10605.	13.7	167
35	Palladium-catalyzed oxidative borylation of conjugated enynones through carbene migratory insertion: synthesis of furyl-substituted alkenylboronates. <i>Chemical Communications</i> , 2019, 55, 59-62.	4.1	22
36	Palladium-catalyzed carbene coupling of N -tosylhydrazones and arylbromides to synthesize cross-conjugated polymers. <i>Polymer Chemistry</i> , 2019, 10, 569-573.	3.9	20

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37	Palladium-Catalyzed Oxidative Cross-Coupling of Conjugated Enynes with Allylarenes: Synthesis of Furyl-Substituted 1,3-Dienes. <i>Journal of Organic Chemistry</i> , 2019, 84, 8275-8283.	3.2	17
38	Visible-Light-Promoted Ring-Opening Alkynylation, Alkenylation, and Allylation of Cyclic Hemiacetals through β -Scission of Alkoxy Radicals. <i>Chemistry - A European Journal</i> , 2019, 25, 8992-8995.	3.3	22
39	Rh(i)-Catalyzed intramolecular [2 + 2 + 1] cycloaddition of diynes with the N-terminal of the diazo group. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2329-2333.	4.5	1
40	The Generation of Difluoroketenimine and Its Application in the Synthesis of β,β -Difluoro- α -Amino Amides. <i>Angewandte Chemie</i> , 2019, 131, 5800-5804.	2.0	8
41	Metal-free synthesis of <i>gem</i> -silylboronate esters and their Pd(0)-catalyzed cross-coupling with aryl iodides. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5714-5724.	2.8	17
42	Fe(σ)-Catalyzed alkenylation of benzylic C-H bonds with diazo compounds. <i>Chemical Communications</i> , 2019, 55, 4047-4050.	4.1	17
43	Formal Carbene C-H Bond Insertion in the Cu(I)-Catalyzed Reaction of Bis(trimethylsilyl)diazomethane with Benzoxazoles and Oxazoles. <i>Organic Letters</i> , 2019, 21, 1809-1812.	4.6	21
44	The Generation of Difluoroketenimine and Its Application in the Synthesis of β,β -Difluoro- α -Amino Amides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5744-5748.	13.8	32
45	Identifying Extraction Technology of Gold from Solid Waste in Terms of Environmental Friendliness. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7260-7267.	6.7	19
46	Catalyst-free phosphorylation of aryl halides with trialkyl phosphites through electrochemical reduction. <i>Chemical Communications</i> , 2019, 55, 14035-14038.	4.1	13
47	Application of carbene chemistry in the synthesis of organofluorine compounds. <i>Tetrahedron</i> , 2019, 75, 949-964.	1.9	39
48	Transition-Metal-Catalyzed Cross-Coupling with Non-Diazo Carbene Precursors. <i>Synlett</i> , 2019, 30, 542-551.	1.8	28
49	Synthesis of 2-cyclopropyl-4-pyrones and 5-cyclopropyl-2-alkylene-3(2H)-furanones based on tandem cyclization-cyclopropanation strategy. <i>Tetrahedron</i> , 2019, 75, 855-861.	1.9	13
50	Cathode ray tubes glass recycling: A review. <i>Science of the Total Environment</i> , 2019, 650, 2842-2849.	8.0	34
51	Transition-Metal-Free [4+1] Cycloaddition for the Synthesis of 1,2,3-Triazole from β,β -Difluoro- α -N-Tosylhydrazone and Amine through C-F Bond Cleavage. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 646-649.	2.7	12
52	Palladium-Catalyzed Oxygenative Cross-Coupling of Ynamides and Benzyl Bromides by Carbene Migratory Insertion. <i>Angewandte Chemie</i> , 2018, 130, 2746-2750.	2.0	14
53	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
54	Renaissance of Sandmeyer-Type Reactions: Conversion of Aromatic C-N Bonds into C-X Bonds (X = B, Tj ETQq 0 0 0 rgBT /Overlock	15.6	124

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55	Ru(II)-Catalyzed Cross-Coupling of Cyclopropenes with Diazo Compounds: Formation of Olefins from Two Different Carbene Precursors. <i>Journal of Organic Chemistry</i> , 2018, 83, 1026-1032.	3.2	30
56	Cu(I)-Catalyzed Coupling of Bis(trimethylsilyl)diazomethane with Terminal Alkynes: A Synthesis of 1,1-Disilyl Allenes. <i>Journal of Organic Chemistry</i> , 2018, 83, 6186-6192.	3.2	21
57	Palladium-Catalyzed Reductive Cross-Coupling Reaction of Aryl Chromium(0) Fischer Carbene Complexes with Aryl Iodides. <i>Organometallics</i> , 2018, 37, 1-10.	2.3	24
58	When diazo compounds meet with organoboron compounds. <i>Pure and Applied Chemistry</i> , 2018, 90, 617-623.	1.9	12
59	Cu(I)-Catalyzed Asymmetric Cross-Coupling of <i>N</i> -Tosylhydrazones and Trialkylsilylalkynes: Enantioselective Construction of C(sp)-C(sp ³) Bonds. <i>Chinese Journal of Chemistry</i> , 2018, 36, 217-222.	4.9	20
60	Regioselective copper-catalyzed aminoborylation of styrenes with bis(pinacolato)diboron and diazo compounds. <i>Chemical Communications</i> , 2018, 54, 12266-12269.	4.1	16
61	Cu(I)-Catalyzed Cross-Coupling of Diazo Compounds with Terminal Alkynes: An Efficient Access to Allenes. <i>Chemical Record</i> , 2018, 18, 1548-1559.	5.8	43
62	Pd ⁰ -Catalyzed Four-Component Reaction of Aryl Halide, CO, <i>N</i> -Tosylhydrazone, and Amine. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3658-3663.	3.3	10
63	Palladium(0)-catalyzed C(sp ³)-Si bond formation via formal carbene insertion into a Si-H bond. <i>Chemical Communications</i> , 2018, 54, 11419-11422.	4.1	30
64	Pd-catalyzed Oxidative Cross-Coupling of Alkyl Chromium(0) Fischer Carbene Complexes with Organoboronic Acids. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3165-3168.	3.3	10
65	Rh ^I -Catalyzed Carbonylative [3+1] Construction of Cyclobutenones via C-C Bond Activation of Cyclopropenes. <i>Chemistry - A European Journal</i> , 2018, 24, 15786-15790.	3.3	15
66	Synthesis of Heterocyclic Compounds Based on Transition-Metal-Catalyzed Carbene Coupling Reactions. , 2018, , 129-191.		1
67	Palladium(0)-Catalyzed Si-Si Bond Insertion by the Terminal Nitrogen of Diazo Compounds. <i>Chinese Journal of Chemistry</i> , 2018, 36, 945-949.	4.9	4
68	Geminal bis(boron) compounds: Their preparation and synthetic applications. <i>Tetrahedron Letters</i> , 2018, 59, 2128-2140.	1.4	102
69	Distal C-Si Selective C-C Activation of Ring-Fused Cyclopentanones: An Efficient Access to Spiroindanones. <i>Angewandte Chemie</i> , 2017, 129, 2416-2420.	2.0	12
70	Distal C-Si Selective C-C Activation of Ring-Fused Cyclopentanones: An Efficient Access to Spiroindanones. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2376-2380.	13.8	64
71	Cu(I)-catalyzed cascade reaction of <i>N</i> -tosylhydrazones with 3-butyn-1-ol: A new synthesis of tetrahydrofurans. <i>Chinese Journal of Catalysis</i> , 2017, 38, 115-122.	14.0	17
72	Copper(I)-Catalyzed Chemoselective Coupling of Cyclopropanols with Diazoesters: Ring-Opening C-C Bond Formations. <i>Angewandte Chemie</i> , 2017, 129, 4003-4008.	2.0	11

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73	Copper(I)-Catalyzed Chemoselective Coupling of Cyclopropanols with Diazoesters: Ring-Opening C-C Bond Formations. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3945-3950.	13.8	61
74	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
75	Cu(I)-Catalyzed Three-Component Coupling of Trifluoromethyl Ketone <i>N</i>-Tosylhydrazones, Alkynes and Azides: Synthesis of Difluoromethylene Substituted 1,2,3-Triazoles. <i>Chinese Journal of Chemistry</i> , 2017, 35, 387-391.	4.9	25
76	Recent Advances in Transition-Metal-Catalyzed Cross-Coupling Reactions With N-Tosylhydrazones. <i>Advances in Organometallic Chemistry</i> , 2017, 67, 151-219.	1.0	22
77	Pd-Catalyzed Cross-Coupling of Terminal Alkynes with Chromium(0) Fischer Carbene Complexes. <i>Organic Letters</i> , 2017, 19, 2861-2864.	4.6	14
78	N-Tosylhydrazones: versatile synthons in the construction of cyclic compounds. <i>Chemical Society Reviews</i> , 2017, 46, 2306-2362.	38.1	271
79	Palladium-Catalyzed Synthesis of Indoles and Isoquinolines with <i>in Situ</i> Generated Phosphinimine. <i>Journal of Organic Chemistry</i> , 2017, 82, 48-56.	3.2	30
80	Synthesis of Benzyltributylstannanes by the Reaction of <i>N</i> -Tosylhydrazones with Bu ₃ SnH. <i>Journal of Organic Chemistry</i> , 2017, 82, 624-632.	3.2	19
81	Rhodium(II)-or Copper(I)-Catalyzed Formal Intramolecular Carbene Insertion into Vinylic C(sp ²)-H Bonds: Access to Substituted 1-H-Indenes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16013-16017.	13.8	51
82	Transition-Metal-Catalyzed Cross-Couplings through Carbene Migratory Insertion. <i>Chemical Reviews</i> , 2017, 117, 13810-13889.	47.7	915
83	Palladium-Catalyzed [3+3] Annulation of Vinyl Chromium(0) Carbene Complexes through Carbene Migratory Insertion/Tsuji-Trost Reaction. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13140-13144.	13.8	44
84	Recent Advances in the Synthesis of Aryl Nitrile Compounds. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 4068-4105.	4.3	208
85	Recent advances in catalytic asymmetric synthesis of allenes. <i>Catalysis Science and Technology</i> , 2017, 7, 4570-4579.	4.1	174
86	Palladium-Catalyzed [3+3] Annulation of Vinyl Chromium(0) Carbene Complexes through Carbene Migratory Insertion/Tsuji-Trost Reaction. <i>Angewandte Chemie</i> , 2017, 129, 13320-13324.	2.0	30
87	Rhodium(II)-or Copper(I)-Catalyzed Formal Intramolecular Carbene Insertion into Vinylic C(sp ²)-H Bonds: Access to Substituted 1-H-Indenes. <i>Angewandte Chemie</i> , 2017, 129, 16229-16233.	2.0	36
88	Metal-catalyzed rearrangement of allenylsulfides to furan: A theoretical mechanistic approach. <i>Molecular Catalysis</i> , 2017, 443, 148-154.	2.0	4
89	Catalytic asymmetric trifluoromethylthiolation via enantioselective [2,3]-sigmatropic rearrangement of sulfonium ylides. <i>Nature Chemistry</i> , 2017, 9, 970-976.	13.6	188
90	Synthesis of Di- and Triarylmethanes through Palladium-Catalyzed Reductive Coupling of N-Tosylhydrazones and Aryl Bromides. <i>Synthesis</i> , 2017, 49, 1073-1086.	2.3	13

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91	Rh(I)-Catalyzed Arylation of α -Diazo Phosphonates with Aryl Boronic Acids: Synthesis of Diarylmethylphosphonates. <i>Chinese Journal of Chemistry</i> , 2017, 35, 621-627.	4.9	11
92	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
93	Recent advances in C(sp ³)-H bond functionalization via metal-carbene insertions. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 796-804.	2.2	68
94	Rh(I)-Catalyzed Reaction of Trifluoromethylketone α -Tosylhydrazones and Arylboronates. <i>Chinese Journal of Chemistry</i> , 2016, 34, 473-476.	4.9	30
95	Palladium-Catalyzed Cascade Reactions of α -Halo α -Tosylhydrazones, Indoles, and Aryl Iodides. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 874-877.	2.7	12
96	Rhodium(I)-Catalyzed C-C Bond Activation of Siloxyvinylcyclopropanes with Diazoesters. <i>Angewandte Chemie</i> , 2016, 128, 15627-15631.	2.0	7
97	Rh(I)-Catalyzed Coupling of Conjugated Enynes with Arylboronic Acids: Synthesis of Furyl-Containing Triarylmethanes. <i>Journal of Organic Chemistry</i> , 2016, 81, 10484-10490.	3.2	44
98	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
99	Cu(I)-Catalyzed Tandem Reaction of Carbene Coupling and Horner-Wadsworth-Emmons Type Olefination: Access toward Enynes. <i>Organic Letters</i> , 2016, 18, 2024-2027.	4.6	38
100	Rh(scp)-Catalyzed coupling of 2-bromoethyl aryldiazoacetates with tertiary propargyl alcohols through carbene migratory insertion. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1691-1698.	4.5	7
101	Copper(I)-Catalyzed Stereoselective Synthesis of α -Alkynyl β -unsaturated Esters from a Terminal Alkyne, Diazoesters and Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2480-2488.	4.3	9
102	Geminal difunctionalization of α -diazo arylmethylphosphonates: synthesis of fluorinated phosphonates. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10444-10453.	2.8	29
103	Transition-metal-free three-component reaction of cyclopropanes, aldehydes and amines. <i>Chemical Communications</i> , 2016, 52, 13285-13287.	4.1	6
104	Rhodium(I)-Catalyzed C-C Bond Activation of Siloxyvinylcyclopropanes with Diazoesters. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15401-15405.	13.8	27
105	Coupling of arylboronic acids with benzyl halides or mesylates without adding transition metal catalysts. <i>Tetrahedron</i> , 2016, 72, 8022-8030.	1.9	31
106	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
107	Metal-Free Aromatic Carbon-Phosphorus Bond Formation via a Sandmeyer-Type Reaction. <i>Journal of Organic Chemistry</i> , 2016, 81, 11603-11611.	3.2	42
108	Recent advances in transition-metal-catalyzed synthesis of conjugated enynes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6638-6650.	2.8	107

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109	One-carbon homologation of arylboronic acids: a convenient approach to the synthesis of pinacol benzylboronates. <i>Organic Chemistry Frontiers</i> , 2016, 3, 817-822.	4.5	19
110	Transition-metal-free cascade reaction of α -halo-N-tosylhydrazones, indoles and arylboronic acids. <i>Chemical Communications</i> , 2016, 52, 5266-5268.	4.1	24
111	Cu(I)-Catalyzed Synthesis of Furan-Substituted Allenes by Use of Conjugated Ene-yne Ketones as Carbene Precursors. <i>Journal of Organic Chemistry</i> , 2016, 81, 3275-3285.	3.2	43
112	C-H Bond Functionalization of Benzoxazoles with Chromium(0) Fischer Carbene Complexes. <i>Organometallics</i> , 2016, 35, 1409-1414.	2.3	12
113	Pd(0)-catalyzed cross-coupling of allyl halides with α -diazocarbonyl compounds or N-mesyhydrazones: synthesis of 1,3-diene compounds. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3809-3820.	2.8	34
114	Evolution of electronic waste toxicity: Trends in innovation and regulation. <i>Environment International</i> , 2016, 89-90, 147-154.	10.0	59
115	Copper-catalyzed olefination of N-sulfonylhydrazones with sulfones. <i>Chemical Communications</i> , 2016, 52, 4478-4480.	4.1	26
116	Synthesis of Allenylphosphonates through Cu(I)-Catalyzed Coupling of Terminal Alkynes with Diazophosphonates. <i>Synthesis</i> , 2016, 48, 751-760.	2.3	12
117	Metal-free oxidative cross-coupling of diazirines with arylboronic acids. <i>Chemical Communications</i> , 2016, 52, 1961-1963.	4.1	19
118	Silver(I)-Catalyzed N-Trifluoroethylation of Anilines and O-Trifluoroethylation of Amides with 2,2,2-Trifluorodiazoethane. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14503-14507.	13.8	141
119	Rhodium(I)-Catalyzed Sequential C(sp) \rightarrow C(sp ³) and C(sp ³) \rightarrow C(sp ³) Bond Formation through Migratory Carbene Insertion. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7891-7894.	13.8	67
120	Transition-Metal-Free Intramolecular Carbene Aromatic Substitution/B χ chner Reaction: Synthesis of Fluorenes and [6,5,7]Benzo-fused Rings. <i>Angewandte Chemie</i> , 2015, 127, 3099-3103.	2.0	18
121	Rhodium(I)-Catalyzed Sequential C(sp) \rightarrow C(sp ³) and C(sp ³) \rightarrow C(sp ³) Bond Formation through Migratory Carbene Insertion. <i>Angewandte Chemie</i> , 2015, 127, 8002-8005.	2.0	11
122	Copper(I)-Catalyzed Three-Component Coupling of α -Tosylhydrazones, Alkynes and Azides: Synthesis of Trisubstituted 1,2,3-Triazoles. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2277-2286.	4.3	62
123	Synthesis of Alkenylphosphonates through Palladium-Catalyzed Coupling of α -Diazo Phosphonates with Benzyl or Allyl Halides. <i>Journal of Organic Chemistry</i> , 2015, 80, 6109-6118.	3.2	43
124	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
125	RhI-Catalyzed Stille-Type Coupling of Diazoesters with Aryl Trimethylstannanes. <i>Australian Journal of Chemistry</i> , 2015, 68, 1379.	0.9	10
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254	Palladium-catalyzed reaction of allyl halides with α -diazocarbonyl compounds. <i>Chemical Communications</i> , 2008, , 4198.	4.1	105
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268	An efficient synthesis of aryl α -keto esters. <i>Tetrahedron Letters</i> , 2005, 46, 3927-3929.	1.4	29
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