

# Zhuangzhi Shi

## List of Publications by Citations

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124  
papers

7,928  
citations

48  
h-index

87  
g-index

169  
ext. papers

9,438  
ext. citations

11.7  
avg, IF

6.9  
L-index

#	Paper	IF	Citations
124	Recent advances in transition-metal catalyzed reactions using molecular oxygen as the oxidant. <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 3381-430	58.5	1005
123	Rh(III)-catalyzed synthesis of multisubstituted isoquinoline and pyridine N-oxides from oximes and diazo compounds. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 12204-7	16.4	376
122	Indoles from simple anilines and alkynes: palladium-catalyzed C-H activation using dioxygen as the oxidant. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 4572-6	16.4	347
121	Indole synthesis by rhodium(III)-catalyzed hydrazine-directed C-H activation: redox-neutral and traceless by N-N bond cleavage. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 12426-9	16.4	311
120	A palladium-catalyzed oxidative cycloaromatization of biaryls with alkynes using molecular oxygen as the oxidant. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 7895-8	16.4	215
119	Palladium-Catalyzed C-H Arylation of Indoles at the C7 Position. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 495-8	16.4	188
118	Nickel-Catalyzed Decarbonylative Borylation of Amides: Evidence for Acyl C-N Bond Activation. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 8718-22	16.4	181
117	Cu-Catalyzed Direct C6-Arylation of Indoles. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 8734-7	16.4	166
116	Mild rhodium(III)-catalyzed cyclization of amides with $\alpha,\beta$ -unsaturated aldehydes and ketones to azepinones: application to the synthesis of the homoprotoberberine framework. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 5393-7	16.4	162
115	Copper-Catalyzed Intermolecular Heck-Like Coupling of Cyclobutanone Oximes Initiated by Selective C-C Bond Cleavage. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 12727-12731	16.4	153
114	Synthesis of fluorenones via quaternary ammonium salt-promoted intramolecular dehydrogenative arylation of aldehydes. <i>Chemical Science</i> , <b>2013</b> , 4, 829-833	9.4	149
113	Rhodium(III)-catalyzed dehydrogenative Heck reaction of salicylaldehydes. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 8092-6	16.4	149
112	Efficient and versatile synthesis of indoles from enamines and imines by cross-dehydrogenative coupling. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 9220-2	16.4	139
111	Nickel-Catalyzed Decarbonylative Borylation and Silylation of Esters. <i>ACS Catalysis</i> , <b>2016</b> , 6, 6692-6698	13.1	133
110	Iridium(III)-catalyzed direct arylation of C-H bonds with diaryliodonium salts. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 12231-40	16.4	129
109	Indoles from Simple Anilines and Alkynes: Palladium-Catalyzed C-H Activation Using Dioxygen as the Oxidant. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 4642-4646	3.6	126
108	Synthesis of beta- and gamma-carbolinones via Pd-catalyzed direct dehydrogenative annulation (DDA) of indole-carboxamides with alkynes using air as the oxidant. <i>Organic Letters</i> , <b>2010</b> , 12, 2908-11	6.2	121

107	Regiocontrolled Direct C-H Arylation of Indoles at the C4 and C5 Positions. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 3966-3971	16.4	118
106	Selective C-N Borylation of Alkyl Amines Promoted by Lewis Base. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 15227-15231	16.4	116
105	Rhodium-Catalyzed, Remote Terminal Hydroarylation of Activated Olefins through a Long-Range Deconjugative Isomerization. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 6062-6066	16.4	115
104	Pd(II)-catalyzed synthesis of carbolines by iminoannulation of internal alkynes via direct C-H bond cleavage using dioxygen as oxidant. <i>Organic Letters</i> , <b>2010</b> , 12, 1540-3	6.2	114
103	Iodoarene-Catalyzed Stereospecific Intramolecular sp <sup>3</sup> C-H Amination: Reaction Development and Mechanistic Insights. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 7564-7	16.4	111
102	Rh(III)-catalyzed dehydrogenative alkylation of (hetero)arenes with allylic alcohols, allowing aldol condensation to indenenes. <i>Chemical Communications</i> , <b>2013</b> , 49, 6489-91	5.8	109
101	Indolsynthese durch Rhodium(III)-katalysierte Hydrazin-dirigierte C-H-Aktivierung: redoxneutral und spurlos durch N-N-Bindungsspaltung. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 12652-12656	3.6	105
100	Regioselective direct arylation of indoles on the benzenoid moiety. <i>Chemical Communications</i> , <b>2018</b> , 54, 1676-1685	5.8	103
99	Nickel-Catalyzed Borylation of Aryl- and Benzyltrimethylammonium Salts via C-N Bond Cleavage. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 14-24	4.2	103
98	Methodologies and Strategies for Selective Borylation of C-Het and C-C Bonds. <i>Chemical Reviews</i> , <b>2020</b> , 120, 7348-7398	68.1	101
97	Stereoselective Synthesis of Z Fluoroalkenes through Copper-Catalyzed Hydrodefluorination of gem-Difluoroalkenes with Water. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 13342-13346	16.4	99
96	Metal-free directed sp-C-H borylation. <i>Nature</i> , <b>2019</b> , 575, 336-340	50.4	93
95	P-Chelation-Assisted Indole C7-Arylation, Olefination, Methylation, and Acylation with Carboxylic Acids/Anhydrides by Rhodium Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 1504-1508	16.4	92
94	Enantioselective Copper-Catalyzed Defluoroalkylation Using Arylboronate-Activated Alkyl Grignard Reagents. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 9061-9065	16.4	91
93	Rh(III)-catalyzed intramolecular redox-neutral cyclization of alkenes via C-H activation. <i>Chemical Communications</i> , <b>2014</b> , 50, 2650-2	5.8	89
92	Copper-Catalyzed Asymmetric Defluoroborylation of 1-(Trifluoromethyl)Alkenes. <i>Chem</i> , <b>2018</b> , 4, 2201-2211	16.4	84
91	Aerobic synthesis of pyrroles and dihydropyrroles from imines: palladium(II)-catalyzed intramolecular C-H dehydrogenative cyclization. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 4892-6	16.4	76
90	Palladium-catalyzed regioselective C-H fluoroalkylation of indoles at the C4-position. <i>Chemical Communications</i> , <b>2017</b> , 53, 3945-3948	5.8	73

- 89 Nickel-catalysed retro-hydroamidocarbonylation of aliphatic amides to olefins. *Nature Communications*, **2017**, 8, 14993 17.4 67
- 88 A Palladium-Catalyzed Oxidative Cycloaromatization of Biaryls with Alkynes Using Molecular Oxygen as the Oxidant. *Angewandte Chemie*, **2009**, 121, 8035-8038 3.6 67
- 87 Palladium-catalyzed ring-expansion reaction of indoles with alkynes: from indoles to tetrahydroquinoline derivatives under mild reaction conditions. *Angewandte Chemie - International Edition*, **2010**, 49, 4036-41 16.4 66
- 86 Rhodium(I)-Catalyzed Tertiary Phosphine Directed C-H Arylation: Rapid Construction of Ligand Libraries. *Angewandte Chemie - International Edition*, **2017**, 56, 7233-7237 16.4 62
- 85 Chemoselective Synthesis of Naphthylamides and Isoquinolinones via Rhodium-Catalyzed Oxidative Dehydrogenative Annulation of Benzamides with Alkynes. *Advanced Synthesis and Catalysis*, **2012**, 354, 2695-2700 5.6 62
- 84 An efficient difluorohydroxylation of indoles using selectfluor as a fluorinating reagent. *Organic Letters*, **2011**, 13, 4498-501 6.2 62
- 83 Nickel-Catalyzed Decarbonylative Borylation of Amides: Evidence for Acyl C-N Bond Activation. *Angewandte Chemie*, **2016**, 128, 8860-8864 3.6 57
- 82 Rhodium-catalyzed, P-directed selective C7 arylation of indoles. *Science Advances*, **2018**, 4, eaau6468 14.3 57
- 81 Highly tunable multi-borylation of gem-difluoroalkenes via copper catalysis. *Nature Catalysis*, **2018**, 1, 860-869 36.5 56
- 80 Enantioselective Palladium-Catalyzed Intramolecular  $\alpha$ -Arylative Desymmetrization of 1,3-Diketones. *Journal of the American Chemical Society*, **2017**, 139, 16486-16489 16.4 55
- 79 Effiziente und vielseitige Indol-Synthese aus Enaminen und Iminen mithilfe dehydrierender Kreuzkupplung. *Angewandte Chemie*, **2012**, 124, 9354-9356 3.6 55
- 78 Milde Rhodium(III)-katalysierte Cyclisierung von Amidinen mit  $\alpha$ -ungesättigten Aldehyden und Ketonen zu Azepinonen: Anwendung in der Synthese des Homoprotoberberin-Gerüsts. *Angewandte Chemie*, **2013**, 125, 5503-5507 3.6 53
- 77 Rhodium-Catalyzed P-Directed ortho-C-H Borylation of Arylphosphines. *Angewandte Chemie - International Edition*, **2019**, 58, 2078-2082 16.4 49
- 76 Bottom-up Construction of  $\beta$ -Extended Arenes by a Palladium-Catalyzed Annulative Dimerization of *o*-Iodobiaryl Compounds. *Angewandte Chemie - International Edition*, **2018**, 57, 8848-8853 16.4 45
- 75 Photoinduced fragmentation-rearrangement sequence of cycloketoxime esters. *Organic Chemistry Frontiers*, **2018**, 5, 2719-2722 5.2 44
- 74 Rhodium(III)-katalysierte dehydrierende Heck-Reaktion von Salicylaldehyden. *Angewandte Chemie*, **2012**, 124, 8216-8220 3.6 43
- 73 Photoinduced C-N Bond Cleavage and Oxidation of Cycloketoxime Esters. *Chinese Journal of Chemistry*, **2018**, 36, 995-999 4.9 42
- 72 Efficient and Reusable Metal-Organic Framework Catalysts for Carboxylative Cyclization of Propargylamines with Carbon Dioxide. *ChemCatChem*, **2017**, 9, 4598-4606 5.2 41

71	From C4 to C7: Innovative Strategies for Site-Selective Functionalization of Indole C-H Bonds. <i>Accounts of Chemical Research</i> , <b>2021</b> , 54, 1723-1736	24.3	41
70	An Olefinic 1,2-Boryl-Migration Enabled by Radical Addition: Construction of gem-Bis(boryl)alkanes. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 9448-9452	16.4	40
69	Selective C-H Borylation of Alkyl Amines Promoted by Lewis Base. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 15447-15451	16.4	34
68	Mild Ring-Opening 1,3-Hydroborations of Non-Activated Cyclopropanes. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 16861-16865	16.4	34
67	Stereoselective Synthesis of Z Fluoroalkenes through Copper-Catalyzed Hydrodefluorination of gem-Difluoroalkenes with Water. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 13527-13531	3.6	33
66	A selenium-catalysed para-amination of phenols. <i>Nature Communications</i> , <b>2018</b> , 9, 4293	17.4	33
65	Regiocontrolled Direct C-H Arylation of Indoles at the C4 and C5 Positions. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 4024-4029	3.6	31
64	Transition-metal-catalyzed Chelation-assisted C-H Functionalization of Aromatic Substrates. <i>Chemical Record</i> , <b>2016</b> , 16, 886-96	6.6	31
63	Radical-induced ring-opening and reconstruction of cyclobutanone oxime esters. <i>Chemical Communications</i> , <b>2019</b> , 55, 1971-1974	5.8	30
62	Palladium-catalyzed direct arylation and cyclization of o-iodobiaryls to a library of tetraphenylenes. <i>Scientific Reports</i> , <b>2016</b> , 6, 33131	4.9	29
61	Rhodium-catalysed direct hydroarylation of alkenes and alkynes with phosphines through phosphorous-assisted C-H activation. <i>Nature Communications</i> , <b>2019</b> , 10, 3539	17.4	28
60	Transition-Metal-Free Defluorosilylation of Fluoroalkenes with Silylboronates. <i>Chinese Journal of Chemistry</i> , <b>2019</b> , 37, 1009-1014	4.9	28
59	Solvent-free reactions of alcohols with $\alpha$ -dicarbonyl compounds catalyzed by iron(III) chloride. <i>Applied Organometallic Chemistry</i> , <b>2007</b> , 21, 958-964	3.1	26
58	Rhodium(II)-Catalyzed Dehydrogenative Silylation of Biaryl-Type Monophosphines with Hydrosilanes. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 12529-12533	16.4	25
57	Copper-Catalyzed Intermolecular Heck-Like Coupling of Cyclobutanone Oximes Initiated by Selective C-H Bond Cleavage. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 12901-12905	3.6	25
56	Rhodium(I)-Catalyzed Tertiary Phosphine Directed C-H Arylation: Rapid Construction of Ligand Libraries. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 7339-7343	3.6	24
55	Boron-mediated directed aromatic C-H hydroxylation. <i>Nature Communications</i> , <b>2020</b> , 11, 1316	17.4	23
54	Copper-catalysed Csp-Csp cross-couplings between cyclobutanone oxime esters and terminal alkynes induced by visible light. <i>Chemical Communications</i> , <b>2020</b> , 56, 4676-4679	5.8	23

53	Site-selective C-H functionalization to access the arene backbone of indoles and quinolines. <i>Chemical Society Reviews</i> , <b>2021</b> , 50, 11249-11269	58.5	23
52	Revealing Silylation of C(sp <sup>2</sup> )/C(sp <sup>3</sup> )-H Bonds in Arylphosphines by Ruthenium Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 10909-10912	16.4	21
51	Pd(II)-catalyzed C-H arylation of O-methyl ketoximes with iodoarenes. <i>Organic Chemistry Frontiers</i> , <b>2016</b> , 3, 380-384	5.2	21
50	Rhodium-Catalyzed Selective C-H Trideuteromethylation of Indole at C7 Position Using Acetic-Anhydride. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 12764-12772	4.2	20
49	Iridium(III)-catalyzed regioselective direct arylation of sp <sup>2</sup> C-H bonds with diaryliodonium salts. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 7109-13	3.9	20
48	Single-Electron-Transfer-Induced C(sp <sup>2</sup> )-N Couplings via C-C Bond Cleavage of Cycloketoxime Esters. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 10145-10159	4.2	20
47	Aerobic Synthesis of Pyrroles and Dihydropyrroles from Imines: Palladium(II)-Catalyzed Intramolecular C-H Dehydrogenative Cyclization. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 4992-4996	3.6	20
46	Metal-catalysed C-Het (F, O, S, N) and C-C bond arylation. <i>Chemical Society Reviews</i> , <b>2021</b> , 50, 8903-8953	58.5	20
45	Directing Effects on the Copper-Catalyzed Site-Selective Arylation of Indoles. <i>Organic Letters</i> , <b>2018</b> , 20, 6502-6505	6.2	19
44	Bottom-up Construction of Extended Arenes by a Palladium-Catalyzed Annulative Dimerization of o-Iodobiaryl Compounds. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 8986-8991	3.6	18
43	Pd(II)-catalyzed aerobic oxidative intramolecular hydroamination and C-H functionalization of N-alkynyl anilines for the synthesis of indole derivatives. <i>Tetrahedron</i> , <b>2013</b> , 69, 4408-4414	2.4	18
42	PIII-Chelation-Assisted Indole C7-Arylation, Olefination, Methylation, and Acylation with Carboxylic Acids/Anhydrides by Rhodium Catalysis. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 1518-1522	3.6	18
41	An Olefinic 1,2-Boryl-Migration Enabled by Radical Addition: Construction of gem-Bis(boryl)alkanes. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 9548-9552	3.6	17
40	Generation of non-stabilized alkyl radicals from thianthrenium salts for C-B and C-C bond formation. <i>Nature Communications</i> , <b>2021</b> , 12, 4526	17.4	17
39	Modern strategies for C-H functionalization of heteroarenes with alternative coupling partners. <i>Chem</i> , <b>2021</b> ,	16.2	16
38	Bioinspired design of a robust -methylating agent. <i>Science Advances</i> , <b>2020</b> , 6, eaba0946	14.3	15
37	Boron Trichloride-Mediated Synthesis of Indoles via the Aminoboration of Alkynes. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 4054-4059	5.6	15
36	Indium(III)-Catalyzed Addition of 1,3-Dicarbonyl Compounds to Alkenes. <i>Synlett</i> , <b>2007</b> , 2007, 3219-3223	2.2	15

35	Recent advances in asymmetric borylation by transition metal catalysis. <i>Chemical Society Reviews</i> , <b>2021</b> , 50, 13129-13188	58.5	14
34	Radical Addition Enables 1,2-Aryl Migration from a Vinyl-Substituted All-Carbon Quaternary Center. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 186-190	16.4	14
33	Copper-catalysed, diboron-mediated cis-dideuterated semihydrogenation of alkynes with heavy water. <i>Chemical Communications</i> , <b>2019</b> , 55, 6922-6925	5.8	13
32	Enantioselective copper-catalysed defluorosilylation of trifluoro-methylated alkenes with silylboronates. <i>Organic Chemistry Frontiers</i> , <b>2020</b> , 7, 2618-2627	5.2	13
31	Memory of Chirality (MOC) in Intramolecular sp <sup>3</sup> C-H Amination. <i>Synlett</i> , <b>2016</b> , 27, 486-492	2.2	12
30	Metal-Free Directed C-H Borylation of Pyrroles. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 8500-8504	16.4	12
29	Phosphorus(III)-assisted regioselective C-H silylation of heteroarenes. <i>Nature Communications</i> , <b>2021</b> , 12, 524	17.4	12
28	Enabling the Use of Alkyl Thianthrenium Salts in Cross-Coupling Reactions by Copper Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 21756-21760	16.4	12
27	Palladium-Catalyzed Silacyclization of (Hetero)Arenes with a Tetrasilane Reagent through Twofold C-H Activation. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 7066-7071	16.4	11
26	Mild Ring-Opening 1,3-Hydroborations of Non-Activated Cyclopropanes. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 17103-17107	3.6	11
25	Variable Metal Chelation Modes and Activation Sequence in Pd-Catalyzed B-H Poly-arylation of Carboranes. <i>ACS Catalysis</i> , 14047-14057	13.1	10
24	Rhodium-Catalyzed PIII-Directed ortho-C-H Borylation of Arylphosphines. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 2100-2104	3.6	10
23	Palladium-Catalyzed Ring-Expansion Reaction of Indoles with Alkynes: From Indoles to Tetrahydroquinoline Derivatives Under Mild Reaction Conditions. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 4130-4135	3.6	9
22	Stereoselective fluoroarylation of 1,1-difluoroallenes enabled by palladium catalysis. <i>Green Synthesis and Catalysis</i> , <b>2020</b> , 1, 134-142	9.3	8
21	Nickel-Catalyzed Stereo- and Enantioselective Cross-Coupling of gem-Difluoroalkenes with Carbon Electrophiles by C-F Bond Activation. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,	16.4	7
20	Electrochemical Cross-Dehydrogenative Coupling between Phenols and $\beta$ -Dicarbonyl Compounds: Facile Construction of Benzofurans. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 4297-4303	4.8	7
19	External oxidant-compatible phosphorus(III)-directed site-selective C-H carbonylation. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	7
18	Radical Addition Enables 1,2-Aryl Migration from a Vinyl-Substituted All-Carbon Quaternary Center. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 188-192	3.6	5



17	Rhodium-catalysed selective C-C bond activation and borylation of cyclopropanes. <i>Chemical Science</i> , <b>2021</b> , 12, 3599-3607	9.4	5
16	Revealing Silylation of C(sp <sup>2</sup> )/C(sp <sup>3</sup> ) $\pi$ Bonds in Arylphosphines by Ruthenium Catalysis. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 11001-11004	3.6	3
15	Nickel-Catalyzed Intermolecular Asymmetric Addition of Aryl Iodides across Aldehydes.. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> ,	16.4	3
14	Metal-free cascade boron $\pi$ heteroatom addition and alkylation with diazo compounds. <i>Chinese Chemical Letters</i> , <b>2021</b> , 32, 691-694	8.1	3
13	Palladium-Catalyzed Silacyclization of (Hetero)Arenes with a Tetrasilane Reagent through Twofold C $\pi$ Activation. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 7142-7147	3.6	3
12	Metal-Free Directed C $\pi$ Borylation of Pyrroles. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 8581-8585	3.6	3
11	Green synthesis of $\beta$ -deuterated boronates using DMTT reagent. <i>Green Synthesis and Catalysis</i> , <b>2021</b> , 2, 275-285	9.3	3
10	Rhodium(II)-Catalyzed Dehydrogenative Silylation of Biaryl-Type Monophosphines with Hydrosilanes. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 12659-12663	3.6	2
9	Palladium-catalyzed stereospecific C $\beta$ coupling toward diverse PN-heterocycles. <i>Chem</i> , <b>2022</b> , 8, 569-579	16.2	2
8	Rhodium-Catalyzed, Phosphorus(III)-Directed Hydroarylation of Internal Alkynes: Facile and Efficient Access to New Phosphine Ligands. <i>Synlett</i> ,	2.2	2
7	Copper-catalyzed fragmentation-rearrangement sequence of cycloketoxime esters. <i>Tetrahedron</i> , <b>2020</b> , 76, 130873	2.4	2
6	An efficient MnCl <sub>2</sub> -catalyzed tandem acylation-cross-coupling reaction of o-halobenzoyl chloride with diorganyl magnesium compounds. <i>Applied Organometallic Chemistry</i> , <b>2009</b> , 24, n/a-n/a	3.1	1
5	Nickel-catalyzed reductive cross-coupling of polyfluoroarenes with alkyl electrophiles by site-selective C $\beta$ bond activation. <i>Chinese Chemical Letters</i> , <b>2022</b> ,	8.1	1
4	Copper-catalyzed Beckmann-type fragmentation of less-strained cycloketoxime esters. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 2985-2989	5.2	1
3	Enabling the Use of Alkyl Thianthrenium Salts in Cross-Coupling Reactions by Copper Catalysis. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 21924-21928	3.6	1
2	Regio- and enantioselective nucleophilic addition to gem-difluoroallenes <b>2022</b> , 1, 227-234		1
1	Green Oxidative Synthesis of Substituted Arenes <b>2019</b> , 281-305		