

Chen Zhu

List of Publications by Year in descending order

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papers

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31949

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times ranked

5081
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible Light-Promoted Metal-Free C-H Activation: Diarylketone-Catalyzed Selective Benzylic Mono- and Difluorination. <i>Journal of the American Chemical Society</i> , 2013, 135, 17494-17500.	6.6	471
2	Silver-Catalyzed Ring-Opening Strategy for the Synthesis of β^2 - and β^3 -Fluorinated Ketones. <i>Journal of the American Chemical Society</i> , 2015, 137, 3490-3493.	6.6	316
3	Amide-Directed Tandem C-C/C-N Bond Formation through C-H Activation. <i>Chemistry - an Asian Journal</i> , 2012, 7, 1502-1514.	1.7	252
4	Chemo- and Regioselective Distal Heteroaryl <i>ipso</i> -Migration: A General Protocol for Heteroarylation of Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , 2017, 139, 1388-1391.	6.6	241
5	Recent advances in photoredox and nickel dual-catalyzed cascade reactions: pushing the boundaries of complexity. <i>Chemical Science</i> , 2020, 11, 4051-4064.	3.7	241
6	Radical-Mediated Remote Functional Group Migration. <i>Accounts of Chemical Research</i> , 2020, 53, 1620-1636.	7.6	202
7	Manganese-Catalyzed Oxidative Azidation of Cyclobutanols: Regiospecific Synthesis of Alkyl Azides by C-C Bond Cleavage. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12692-12696.	7.2	185
8	Combination of a Cyano Migration Strategy and Alkene Difunctionalization: The Elusive Selective Azidocyanation of Unactivated Olefins. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10821-10824.	7.2	184
9	Tertiary-Alcohol-Directed Functionalization of Remote C(sp ³)-H Bonds by Sequential Hydrogen Atom and Heteroaryl Migrations. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1640-1644.	7.2	179
10	C-C Bond-Forming Strategy by Manganese-Catalyzed Oxidative Ring-Opening Cyanation and Ethynylation of Cyclobutanol Derivatives. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2866-2869.	7.2	174
11	Merging Distal Alkynyl Migration and Photoredox Catalysis for Radical Trifluoromethylative Alkynylation of Unactivated Olefins. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4545-4548.	7.2	169
12	Mild and Rapid Hydroxylation of Aryl/Heteroaryl Boronic Acids and Boronate Esters with <i>N</i> -Oxides. <i>Organic Letters</i> , 2012, 14, 3494-3497.	2.4	166
13	Cross-Coupling of Sodium Sulfinates with Aryl, Heteroaryl, and Vinyl Halides by Nickel/Photoredox Dual Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1371-1375.	7.2	162
14	Benzothiazoline: Highly Efficient Reducing Agent for the Enantioselective Organocatalytic Transfer Hydrogenation of Ketimines. <i>Organic Letters</i> , 2009, 11, 4180-4183.	2.4	161
15	Recent advances in alkoxy radical-promoted C-C and C-H bond functionalization starting from free alcohols. <i>Chemical Communications</i> , 2019, 55, 9747-9756.	2.2	154
16	Metal-free alcohol-directed regioselective heteroarylation of remote unactivated C(sp ³)-H bonds. <i>Nature Communications</i> , 2018, 9, 3343.	5.8	152
17	Radical-mediated difunctionalization of unactivated alkenes through distal migration of functional groups. <i>Tetrahedron Letters</i> , 2018, 59, 1328-1336.	0.7	149
18	Catalytic Ester and Amide to Amine Interconversion: Nickel-Catalyzed Decarbonylative Amination of Esters and Amides by C=O and C-C Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4282-4285.	7.2	148

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19	<i>N</i> -Acylsulfonamide Assisted Tandem C-H Olefination/Annulation: Synthesis of Isoindolinones. <i>Organic Letters</i> , 2011, 13, 1214-1217.	2.4	146
20	Benzothiazoline: Versatile Hydrogen Donor for Organocatalytic Transfer Hydrogenation. <i>Accounts of Chemical Research</i> , 2015, 48, 388-398.	7.6	146
21	Nickel-Catalyzed Heteroatom Cross-Coupling Reactions under Mild Conditions via Facilitated Reductive Elimination. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17810-17831.	7.2	144
22	Rhodium-Catalyzed Annulation of <i>N</i> -Benzoylsulfonamide with Isocyanide through C-H Activation. <i>Chemistry - A European Journal</i> , 2011, 17, 12591-12595.	1.7	142
23	Elusive Metal-Free Primary Amination of Arylboronic Acids: Synthetic Studies and Mechanism by Density Functional Theory. <i>Journal of the American Chemical Society</i> , 2012, 134, 18253-18256.	6.6	139
24	Rhodium catalyzed C-H olefination of <i>N</i> -benzoylsulfonamides with internal alkenes. <i>Chemical Communications</i> , 2012, 48, 1674-1676.	2.2	138
25	Nickel-catalyzed C-N bond activation: activated primary amines as alkylating reagents in reductive cross-coupling. <i>Chemical Science</i> , 2019, 10, 4430-4435.	3.7	131
26	Recent Advances in Ring-Opening Functionalization of Cycloalkanols by C-C Bond Cleavage. <i>Chemical Record</i> , 2018, 18, 587-598.	2.9	123
27	A multicomponent synthesis of stereodefined olefins via nickel catalysis and single electron/triplet energy transfer. <i>Nature Catalysis</i> , 2019, 2, 678-687.	16.1	123
28	Efficient Docking-Migration Strategy for Selective Radical Difluoromethylation of Alkenes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 17156-17160.	7.2	121
29	Radical-mediated rearrangements: past, present, and future. <i>Chemical Society Reviews</i> , 2021, 50, 11577-11613.	18.7	121
30	Nickel-Catalyzed Chain-Walking Cross-Electrophile Coupling of Alkyl and Aryl Halides and Olefin Hydroarylation Enabled by Electrochemical Reduction. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6513-6519.	7.2	121
31	Visible light-promoted metal-free sp ³ -C-H fluorination. <i>Chemical Communications</i> , 2014, 50, 11701-11704.	2.2	116
32	Distal Functional Group Migration for Visible Light Induced Carbo-difluoroalkylation/monofluoroalkylation of Unactivated Alkenes. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 744-750.	2.1	113
33	Visible light-promoted ring-opening functionalization of unstrained cycloalkanols via inert C-C bond scission. <i>Chemical Science</i> , 2018, 9, 5805-5809.	3.7	113
34	QseC Inhibitors as an Antivirulence Approach for Gram-Negative Pathogens. <i>MBio</i> , 2014, 5, e02165.	1.8	110
35	Recent Advances in Radical-Mediated C-C Bond Fragmentation of Non-Strained Molecules. <i>Chinese Journal of Chemistry</i> , 2019, 37, 171-182.	2.6	103
36	Stereoselective Solid-State Synthesis of Substituted Cyclobutanes Assisted by Pseudorotaxane-Like MOFs. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12696-12701.	7.2	103

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37	Oxidative Addition to Palladium(0) Made Easy through Photoexcited π -State Metal Catalysis: Experiment and Computation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3412-3416.	7.2	103
38	Regiospecific synthesis of distally chlorinated ketones via C \equiv C bond cleavage of cycloalkanols. <i>Organic Chemistry Frontiers</i> , 2016, 3, 227-232.	2.3	95
39	Enantioselective Organocatalytic Transfer Hydrogenation of α -Amino Esters by Utilization of Benzothiazoline as Highly Efficient Reducing Agent. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1846-1850.	2.1	92
40	Transition Metal-Free α -Functionalization of Arylboronic Acids and Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2395-2410.	2.1	81
41	Regioselective Hydroalkylation and Arylalkylation of Alkynes by Photoredox/Nickel Dual Catalysis: Application and Mechanism. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5738-5746.	7.2	81
42	Practical, metal-free remote heteroarylation of amides <i>via</i> unactivated C(sp ³) α -H bond functionalization. <i>Chemical Science</i> , 2019, 10, 6915-6919.	3.7	78
43	Regioselective Vinylation of Remote Unactivated C(sp ³) α -H Bonds: Access to Complex Fluoroalkylated Alkenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1499-1503.	7.2	77
44	Synergistic Strategies of Cyano Migration and Photocatalysis for Difunctionalization of Unactivated Alkenes: Synthesis of Di- and Mono-Fluorinated Alkyl Nitriles. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3052-3056.	2.1	76
45	Synthesis of Multiply Substituted Polycyclic Aromatic Hydrocarbons by Iridium-Catalyzed Annulation of Ring-Fused Benzocyclobutenol with Alkyne through C \equiv C Bond Cleavage. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1143-1146.	7.2	73
46	Polarity Umpolung Strategy for the Radical Alkylation of Alkenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8195-8202.	7.2	71
47	Mechanistic Insight into the Photoredox-Nickel-HAT Triple Catalyzed Arylation and Alkylation of α -Amino C(sp ³) α -H Bonds. <i>Journal of the American Chemical Society</i> , 2020, 142, 16942-16952.	6.6	69
48	Recent advances in radical-mediated fluorination through C \equiv H and C \equiv C bond cleavage. <i>Science China Chemistry</i> , 2017, 60, 214-222.	4.2	68
49	Cyanotrifluoromethylthiolation of Unactivated Olefins through Intramolecular Cyano Migration. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1959-1962.	2.1	64
50	A facile and regioselective synthesis of 1-tetralones via silver-catalyzed ring expansion. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 7924-7927.	1.5	61
51	Visible-light-induced consecutive C \equiv C bond fragmentation and formation for the synthesis of elusive unsymmetric 1,8-dicarbonyl compounds. <i>Chemical Communications</i> , 2019, 55, 2368-2371.	2.2	59
52	Nickel-catalyzed Suzuki-Miyaura cross-couplings of aldehydes. <i>Nature Communications</i> , 2019, 10, 1957.	5.8	58
53	Manganese-catalyzed regioselective sp ³ -C \equiv S bond formation through C \equiv C bond cleavage of cyclobutanols. <i>Chemical Communications</i> , 2016, 52, 8160-8163.	2.2	56
54	Merging Electrolysis and Nickel Catalysis in Redox Neutral Cross-Coupling Reactions: Experiment and Computation for Electrochemically Induced C \equiv P and C \equiv Se Bonds Formation. <i>CCS Chemistry</i> , 2020, 2, 179-190.	4.6	56

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55	Radical Functionalization of Remote C(sp ³)-H Bonds Mediated by Unprotected Alcohols and Amides. <i>CCS Chemistry</i> , 2020, 2, 813-828.	4.6	54
56	Radical Monofluoroalkylative Alkynylation of Olefins by a Docking-Migration Strategy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17646-17650.	7.2	53
57	Rhodium catalyzed synthesis of isoindolinones via C-H activation of N-benzoylsulfonamides. <i>Tetrahedron</i> , 2012, 68, 9192-9199.	1.0	51
58	Azidoheteroarylation of unactivated olefins through distal heteroaryl migration. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1896-1899.	2.3	51
59	Cascade Cross-Coupling of Dienes: Photoredox and Nickel Dual Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 457-464.	7.2	50
60	Oxime-Mediated Facile Access to 5-Methylisoxazoles and Applications in the Synthesis of Valdecoxib and Oxacillin. <i>Organic Letters</i> , 2014, 16, 5266-5268.	2.4	49
61	Manganese-Promoted Ring-Opening Hydrazination of Cyclobutanols: Synthesis of Alkyl Hydrazines. <i>Journal of Organic Chemistry</i> , 2016, 81, 8043-8049.	1.7	49
62	Merging Distal Alkynyl Migration and Photoredox Catalysis for Radical Trifluoromethylative Alkynylation of Unactivated Olefins. <i>Angewandte Chemie</i> , 2017, 129, 4616-4619.	1.6	49
63	Metal-Free Radical-Mediated C(sp ³)-H Heteroarylation of Alkanes. <i>Organic Letters</i> , 2020, 22, 7450-7454.	2.4	48
64	Tertiary-Alcohol-Directed Functionalization of Remote C(sp ³)-H Bonds by Sequential Hydrogen Atom and Heteroaryl Migrations. <i>Angewandte Chemie</i> , 2018, 130, 1656-1660.	1.6	46
65	Redox-Neutral Cross-Coupling Amination with Weak <i>N</i> -Nucleophiles: Arylation of Anilines, Sulfonamides, Sulfoximines, Carbamates, and Imines via Nickel-electrocatalysis. <i>Jacs Au</i> , 2021, 1, 1057-1065.	3.6	46
66	Combination of a Cyano Migration Strategy and Alkene Difunctionalization: The Elusive Selective Azidocyanation of Unactivated Olefins. <i>Angewandte Chemie</i> , 2016, 128, 10979-10982.	1.6	45
67	Phosphinoyl-functionalization of unactivated alkenes through phosphinoyl radical-triggered distal functional group migration. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2370-2374.	2.3	45
68	Alternative Pathways for Heck Intermediates: Palladium-Catalyzed Oxyarylation of Homoallylic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6626-6629.	7.2	44
69	Copper-Catalyzed Heteroarylsilylation of Unactivated Olefins through Distal Heteroaryl Migration. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2453-2457.	1.7	44
70	Catalytic Ester to Stannane Functional Group Interconversion via Decarbonylative Cross-Coupling of Methyl Esters. <i>Organic Letters</i> , 2018, 20, 385-388.	2.4	44
71	Manganese-catalyzed ring-opening chlorination of cyclobutanols: regiospecific synthesis of β -chloroketones. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1467-1471.	2.3	43
72	Cyanohydrin-Mediated Cyanation of Remote Unactivated C(sp ³)-H Bonds. <i>Organic Letters</i> , 2019, 21, 821-825.	2.4	42

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73	A practical access to fluoroalkylthio(seleno)-functionalized bicyclo[1.1.1]pentanes. <i>Science China Chemistry</i> , 2020, 63, 1025-1029.	4.2	41
74	C ^α -C Bond-Forming Strategy by Manganese-Catalyzed Oxidative Ring-Opening Cyanation and Ethynylation of Cyclobutanol Derivatives. <i>Angewandte Chemie</i> , 2016, 128, 2916-2919.	1.6	40
75	An Efficient and Versatile Approach for Optical Resolution of <i>cis</i> -Symmetric Axially Chiral Biaryl Diols. Synthesis of Enantiopure Biaryl-Derived Cyclic <i>trans</i> -1,2-Diols. <i>Organic Letters</i> , 2008, 10, 1243-1246.	2.4	38
76	Regioselective Sulfonylvinylation of the Unactivated C(sp ³)-H Bond via a C-Centered Radical-Mediated Hydrogen Atom Transfer (HAT) Process. <i>Organic Letters</i> , 2019, 21, 4837-4841.	2.4	38
77	Cyanotrifluoromethylthiolation of unactivated dialkyl-substituted alkynes via cyano migration: synthesis of trifluoromethylthiolated acrylonitriles. <i>Chemical Communications</i> , 2018, 54, 6812-6815.	2.2	36
78	Oxime-Mediated Oxychlorination and Oxybromination of Unactivated Olefins. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1419-1422.	1.2	35
79	Nickel-Catalyzed C-Heteroatom Cross-Coupling Reactions under Mild Conditions via Facilitated Reductive Elimination. <i>Angewandte Chemie</i> , 2021, 133, 17954-17975.	1.6	35
80	Radical-Mediated Distal Ipso-Migration of O/S-Containing Heteroaryls and DFT Studies for Migratory Aptitude. <i>Organic Letters</i> , 2020, 22, 5947-5952.	2.4	33
81	Efficient Docking-Migration Strategy for Selective Radical Difluoromethylation of Alkenes. <i>Angewandte Chemie</i> , 2018, 130, 17402-17406.	1.6	32
82	Advances in allylic and benzylic C-H bond functionalization enabled by metallaphotoredox catalysis. <i>Chemical Communications</i> , 2021, 58, 171-184.	2.2	32
83	Nickel catalyzed multicomponent stereodivergent synthesis of olefins enabled by electrochemistry, photocatalysis and photo-electrochemistry. <i>Nature Communications</i> , 2022, 13, .	5.8	32
84	Radical-Mediated Ring-Opening Functionalization of Cyclobutanols: A Shortcut to β^3 -Substituted Ketones. <i>Synlett</i> , 2016, 27, 1139-1144.	1.0	31
85	Selectfluor [®] -Bu ₄ Ni-Mediated C(sp ³)-H Oxidation in Aqueous Media: Synthesis of β^2 -Isoxazolines from Oximes. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5084-5088.	1.2	30
86	Ring-opening selenation of cyclobutanols: synthesis of β^3 -selenylated alkyl ketones through C-C bond cleavage. <i>Organic Chemistry Frontiers</i> , 2017, 4, 427-430.	2.3	30
87	Visible-light-induced carbosulfonylation of unactivated alkenes via remote heteroaryl and oximino migration. <i>Tetrahedron</i> , 2019, 75, 1639-1646.	1.0	30
88	Radical-mediated sulfonyl alkynylation, allylation, and cyanation of propellane. <i>Chemical Communications</i> , 2021, 57, 6066-6069.	2.2	30
89	Heterocyclization Reagents for Rapid Assembly of β -Fused Heteroarenes from Alkenes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3714-3719.	7.2	29
90	Benzo-thiazoline: The Surrogate of Hantzsch Ester. <i>ChemCatChem</i> , 2011, 3, 1850-1851.	1.8	28

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91	Synthesis of naked amino-pyrroloindoline via direct aminocyclization of tryptamine. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5381-5384.	1.5	28
92	Synthesis of highly substituted β -hydroxybutenolides through the annulation of keto acids with alkynes and subsequent hydroxyl transposition. <i>Chemical Communications</i> , 2016, 52, 5269-5272.	2.2	28
93	Reactivity in Nickel-Catalyzed Multi-component Sequential Reductive Cross-Coupling Reactions. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	27
94	A Simple Method for the Electrophilic Cyanation of Secondary Amines. <i>Organic Letters</i> , 2014, 16, 247-249.	2.4	26
95	Synergistic Acid-Promoted Synthesis of Highly Substituted Butenolides via the Annulation of Keto Acids and Tertiary Alcohols. <i>Organic Letters</i> , 2015, 17, 5710-5713.	2.4	26
96	Alkene Difunctionalization Triggered by a Stabilized Allenyl Radical: Concomitant Installation of Two Unsaturated C=C Bonds. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20215-20219.	7.2	26
97	Bioinspired desaturation of alcohols enabled by photoredox proton-coupled electron transfer and cobalt dual catalysis. <i>Nature Communications</i> , 2022, 13, 809.	5.8	26
98	Radical-mediated C-C cleavage of unstrained cycloketones and DFT study for unusual regioselectivity. <i>Nature Communications</i> , 2020, 11, 672.	5.8	24
99	Difunctionalization of Unactivated Alkenes through SCF_3 Radical-triggered Distal Functional Group Migration. <i>Acta Chimica Sinica</i> , 2018, 76, 951.	0.5	24
100	Vanadium-catalyzed oxidative Strecker reaction: β -C-H cyanation of para-methoxyphenyl (PMP)-protected primary amines. <i>Tetrahedron Letters</i> , 2014, 55, 232-234.	0.7	23
101	Intramolecular nitration-aminocarbonylation of unactivated olefins: metal-free synthesis of β -lactams. <i>Chemical Communications</i> , 2019, 55, 7796-7799.	2.2	23
102	Regioselective introduction of vinyl trifluoromethylthioether to remote unactivated $C(sp^3)$ -H bonds via radical translocation cascade. <i>Science China Chemistry</i> , 2019, 62, 1507-1511.	4.2	22
103	Reductive Cross-Coupling of β -Oxy Halides Enabled by Thermal Catalysis, Photocatalysis, Electrocatalysis, or Mechanochemistry. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	21
104	Transfer hydrogenation of imines with carboxyl-tailed benzothiazoline as readily removable hydrogen donor. <i>Tetrahedron Letters</i> , 2012, 53, 416-418.	0.7	20
105	Radical Monofluoroalkylative Alkynylation of Olefins by a Docking-Migration Strategy. <i>Angewandte Chemie</i> , 2019, 131, 17810-17814.	1.6	20
106	Sulfonyl Chlorides Mediated Alkynylation of Non-activated Alkenes via Distal Alkynyl Group Migration. <i>Acta Chimica Sinica</i> , 2019, 77, 922.	0.5	20
107	C-C Bond (Hetero)arylation of Ring-Fused Benzocyclobutenols and Application in the Assembly of Polycyclic Aromatic Hydrocarbons. <i>Journal of Organic Chemistry</i> , 2017, 82, 9133-9143.	1.7	17
108	Radical trifunctionalization of hexenenitrile via remote cyano migration. <i>Chemical Communications</i> , 2022, 58, 1005-1008.	2.2	17

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109	Transition-metal-catalyzed switchable divergent cycloaddition of para-quinone methides and vinyl ethylene carbonates: Access to different sized medium-sized heterocycles. <i>Chinese Chemical Letters</i> , 2022, 33, 4549-4558.	4.8	17
110	Recent Advances in Vinyl Radical-Mediated Hydrogen Atom Transfer. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 458.	0.6	17
111	Molecular iodine catalyzed transfer hydrogenation: reduction of aldimines, ketimines, and Î±-imino esters. <i>Tetrahedron Letters</i> , 2013, 54, 3977-3981.	0.7	16
112	Regioselective Vinylation of Remote Unactivated C(sp ³)-H Bonds: Access to Complex Fluoroalkylated Alkenes. <i>Angewandte Chemie</i> , 2019, 131, 1513-1517.	1.6	16
113	Polarity Umpolung Strategy for the Radical Alkylation of Alkenes. <i>Angewandte Chemie</i> , 2020, 132, 8272-8279.	1.6	16
114	Catalyst-free, radical-mediated intermolecular 1,2-arylheteroarylation of alkenes by cleaving inert C-C bond. <i>Science China Chemistry</i> , 2021, 64, 1703-1708.	4.2	16
115	Mechanistic Understanding of Arylation vs Alkylation of Aliphatic C(sp ³)-H Bonds by Decarboxylative Nickel Catalysis. <i>ACS Catalysis</i> , 2021, 11, 13973-13982.	5.5	15
116	Redox-neutral manganese-catalyzed synthesis of 1-pyrrolines. <i>Chemical Science</i> , 2022, 13, 2669-2673.	3.7	15
117	Synthesis of Multiply Substituted Polycyclic Aromatic Hydrocarbons by Iridium-Catalyzed Annulation of Ring-Fused Benzocyclobutenol with Alkyne through C-C Bond Cleavage. <i>Angewandte Chemie</i> , 2016, 128, 1155-1158.	1.6	14
118	Regioselective Hydroalkylation and Arylalkylation of Alkynes by Photoredox/Nickel Dual Catalysis: Application and Mechanism. <i>Angewandte Chemie</i> , 2020, 132, 5787-5795.	1.6	14
119	Radical Heteroarylation of Alkenes via Three-Component Docking-Migration Thioetherification Cascade. <i>Chinese Journal of Chemistry</i> , 2020, 38, 803-806.	2.6	14
120	Photocatalytic intermolecular carboarylation of alkenes by selective C=O bond cleavage of diarylethers. <i>Chemical Communications</i> , 2021, 57, 9240-9243.	2.2	14
121	Intermolecular Radical Fluoroalkylative Olefination of Unactivated Alkenes. <i>CCS Chemistry</i> , 2022, 4, 1190-1198.	4.6	14
122	Metal-free C-Se cross-coupling enabled by photoinduced inter-molecular charge transfer. <i>Chemical Communications</i> , 2021, 58, 96-99.	2.2	14
123	Development of Robust 17(R),18(S)-Epoxyeicosatetraenoic Acid (17,18-EEQ) Analogs as Potential Clinical Antiarrhythmic Agents. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 10124-10143.	2.9	13
124	Radical-Mediated Heck-Type Alkylation: Stereoconvergent Synthesis of Functionalized Polyenes. <i>Organic Letters</i> , 2019, 21, 7568-7572.	2.4	13
125	Synthesis of selenoether and thioether functionalized bicyclo[1.1.1]pentanes. <i>Tetrahedron</i> , 2020, 76, 131692.	1.0	13
126	Metal-Free Photoinduced Deformylative Minisci-Type Reaction. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1200-1204.	2.1	13

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127	Asymmetric N-Heterocyclic Carbene Catalyzed Annulation of 2-Alkenylbenzothiazoles with α -Chloro Aldehydes. <i>Synthesis</i> , 2015, 47, 421-428.	1.2	11
128	Radical heteroarylation of unactivated remote C(sp ³)-H bonds via intramolecular heteroaryl migration. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6395-6399.	2.3	11
129	Combination of radical functional group migration (FGM) and hydrogen atom transfer (HAT). <i>Trends in Chemistry</i> , 2022, 4, 580-583.	4.4	11
130	Asymmetric Radical Cyclization of Alkenes by Stereospecific Homolytic Substitution of Sulfinamides. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	11
131	Remote C(sp ³)-H vinylation via radical-mediated consecutive fission of C-H and C-C bonds. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2981-2985.	2.3	10
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