

Gong Chen

List of Publications by Year in descending order

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125
papers

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31976

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Highly Efficient Syntheses of Azetidines, Pyrrolidines, and Indolines via Palladium Catalyzed Intramolecular Amination of C(sp ³)â€“H and C(sp ²)â€“H Bonds at Î³ and Î´ Positions. <i>Journal of the American Chemical Society</i> , 2012, 134, 3-6.	13.7	515
2	Syntheses and Transformations of Î±-Amino Acids via Palladium-Catalyzed Auxiliary-Directed sp ³ Câ€“H Functionalization. <i>Accounts of Chemical Research</i> , 2016, 49, 635-645.	15.6	446
3	A Practical Strategy for the Structural Diversification of Aliphatic Scaffolds through the Palladiumâ€“Catalyzed Picolinamideâ€“Directed Remote Functionalization of Unactivated C(sp ³)ï¿½H Bonds. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5192-5196.	13.8	365
4	Palladium-Catalyzed Picolinamide-Directed Alkylation of Unactivated C(sp ³)â€“H Bonds with Alkyl Iodides. <i>Journal of the American Chemical Society</i> , 2013, 135, 2124-2127.	13.7	357
5	Efficient Alkyl Ether Synthesis via Palladium-Catalyzed, Picolinamide-Directed Alkoxylation of Unactivated C(sp ³)â€“H and C(sp ²)â€“H Bonds at Remote Positions. <i>Journal of the American Chemical Society</i> , 2012, 134, 7313-7316.	13.7	321
6	Stereoselective Synthesis of Î²-Alkylated Î±-Amino Acids via Palladium-Catalyzed Alkylation of Unactivated Methylene C(sp ³)â€“H Bonds with Primary Alkyl Halides. <i>Journal of the American Chemical Society</i> , 2013, 135, 12135-12141.	13.7	315
7	Total Synthesis of Celogentinâ€“C by Stereoselective Cï¿½H Activation. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 958-961.	13.8	295
8	Use of a Readily Removable Auxiliary Group for the Synthesis of Pyrrolidones by the Palladiumâ€“Catalyzed Intramolecular Amination of Unactivated Î³ C(sp ³)ï¿½H Bonds. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11124-11128.	13.8	275
9	Photoredox-mediated Minisci Câ€“H alkylation of N-heteroarenes using boronic acids and hypervalent iodine. <i>Chemical Science</i> , 2016, 7, 6407-6412.	7.4	272
10	Halogen-Bond-Promoted Photoactivation of Perfluoroalkyl Iodides: A Photochemical Protocol for Perfluoroalkylation Reactions. <i>Organic Letters</i> , 2017, 19, 1442-1445.	4.6	224
11	Copper-Catalyzed Carboxamide-Directed <i>ortho</i> Amination of Anilines with Alkylamines at Room Temperature. <i>Organic Letters</i> , 2014, 16, 1764-1767.	4.6	187
12	A general strategy for synthesis of cyclophane-braced peptide macrocycles via palladium-catalysed intramolecular sp ³ Câ€“H arylation. <i>Nature Chemistry</i> , 2018, 10, 540-548.	13.6	180
13	Palladium-Catalyzed Alkylation of <i>ortho</i>-C(sp ²)â€“H Bonds of Benzylamide Substrates with Alkyl Halides. <i>Organic Letters</i> , 2011, 13, 4850-4853.	4.6	178
14	A visible-light-promoted radical reaction system for azidation and halogenation of tertiary aliphatic Câ€“H bonds. <i>Chemical Science</i> , 2016, 7, 2679-2683.	7.4	159
15	Building Complex Glycopeptides: Development of a Cysteine-Free Native Chemical Ligation Protocol. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4116-4125.	13.8	158
16	Iridium-Catalyzed Enantioselective C(sp ³)â€“H Amidation Controlled by Attractive Noncovalent Interactions. <i>Journal of the American Chemical Society</i> , 2019, 141, 7194-7201.	13.7	156
17	Pd-Catalyzed Monoselective <i>ortho</i>-Câ€“H Alkylation of <i>N</i>-Quinoyl Benzamides: Evidence for Stereoretentive Coupling of Secondary Alkyl Iodides. <i>Journal of the American Chemical Society</i> , 2015, 137, 531-539.	13.7	152
18	Improved Protocol for Indoline Synthesis via Palladium-Catalyzed Intramolecular C(sp ²)â€“H Amination. <i>Organic Letters</i> , 2012, 14, 2944-2947.	4.6	148

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19	Facile Benzo-Ring Construction via Palladium-Catalyzed Functionalization of Unactivated sp^3 C-H Bonds under Mild Reaction Conditions. <i>Organic Letters</i> , 2010, 12, 3414-3417.	4.6	143
20	An Enantioselective Bidentate Auxiliary Directed Palladium-Catalyzed Benzylic Arylation of Amines Using a BINOL Phosphate Ligand. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15387-15391.	13.8	142
21	Palladium-Catalyzed Amide-Directed Enantioselective Hydrocarbofunctionalization of Unactivated Alkenes Using a Chiral Monodentate Oxazoline Ligand. <i>Journal of the American Chemical Society</i> , 2018, 140, 3542-3546.	13.7	137
22	Anticancer Peptidylarginine Deiminase (PAD) Inhibitors Regulate the Autophagy Flux and the Mammalian Target of Rapamycin Complex 1 Activity. <i>Journal of Biological Chemistry</i> , 2012, 287, 25941-25953.	3.4	133
23	Palladium-catalyzed trifluoroacetate-promoted mono-arylation of the β -methyl group of alanine at room temperature: synthesis of β -arylated α -amino acids through sequential C-H functionalization. <i>Chemical Science</i> , 2014, 5, 3952.	7.4	124
24	Reactivity of Functional Groups on the Protein Surface: Development of Epoxide Probes for Protein Labeling. <i>Journal of the American Chemical Society</i> , 2003, 125, 8130-8133.	13.7	121
25	Histidine-Specific Peptide Modification via Visible-Light-Promoted C-H Alkylation. <i>Journal of the American Chemical Society</i> , 2019, 141, 18230-18237.	13.7	121
26	Coordination of PAD4 and HDAC2 in the regulation of p53-target gene expression. <i>Oncogene</i> , 2010, 29, 3153-3162.	5.9	117
27	Photoredox-mediated remote $C(sp^3)$ -H heteroarylation of free alcohols. <i>Chemical Science</i> , 2019, 10, 688-693.	7.4	111
28	Palladium-Catalyzed Stereoretentive Olefination of Unactivated $C(sp^3)$ -H Bonds with Vinyl Iodides at Room Temperature: Synthesis of β -Vinyl α -Amino Acids. <i>Organic Letters</i> , 2014, 16, 6260-6263.	4.6	108
29	Construction of Natural-Product-Like Cyclophane-Braced Peptide Macrocycles via sp^3 C-H Arylation. <i>Journal of the American Chemical Society</i> , 2019, 141, 9401-9407.	13.7	108
30	Design of Optical Switches as Metabolic Indicators: New Fluorogenic Probes for Monoamine Oxidases (MAO A and B). <i>Journal of the American Chemical Society</i> , 2005, 127, 4544-4545.	13.7	101
31	Benzazetidone synthesis via palladium-catalysed intramolecular C-H amination. <i>Nature Chemistry</i> , 2016, 8, 1131-1136.	13.6	100
32	Palladium-Catalyzed Alkenylation and Alkynylation of <i>ortho</i> - $C(sp^2)$ -H Bonds of Benzylamine Picolinamides. <i>Organic Letters</i> , 2012, 14, 2948-2951.	4.6	97
33	Photoredox-Mediated Minisci-type Alkylation of <i>N</i> -Heteroarenes with Alkanes with High Methylene Selectivity. <i>ACS Catalysis</i> , 2018, 8, 11847-11853.	11.2	97
34	Palladium-catalysed C-H glycosylation for synthesis of C-aryl glycosides. <i>Nature Catalysis</i> , 2019, 2, 793-800.	34.4	97
35	A unified photoredox-catalysis strategy for $C(sp^3)$ -H hydroxylation and amidation using hypervalent iodine. <i>Chemical Science</i> , 2017, 8, 7180-7185.	7.4	97
36	Observation and quantitation of exocytosis from the cell body of a fully developed neuron in <i>Planorbis corneus</i> . <i>Journal of Neuroscience</i> , 1995, 15, 7747-7755.	3.6	96

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37	Toward Fully Synthetic Homogeneous $\hat{1}^2$ -Human Follicle-Stimulating Hormone ($\hat{1}^2$ -hFSH) with a Biantennary N-Linked Dodecasaccharide. Synthesis of $\hat{1}^2$ -hFSH with Chitobiose Units at the Natural Linkage Sites. <i>Journal of the American Chemical Society</i> , 2009, 131, 5792-5799.	13.7	94
38	A Potentially Valuable Advance in the Synthesis of Carbohydrate-Based Anticancer Vaccines through Extended Cycloaddition Chemistry. <i>Journal of Organic Chemistry</i> , 2006, 71, 8244-8249.	3.2	93
39	Asymmetric Synthesis of $\hat{1}^2$ -Lactam via Palladium-Catalyzed Enantioselective Intramolecular C(sp ³) \hat{C} -H Amidation. <i>ACS Catalysis</i> , 2020, 10, 114-120.	11.2	83
40	Development of Efficient Methods for Accomplishing Cysteine-Free Peptide and Glycopeptide Coupling. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7383-7387.	13.8	82
41	Chemical Analysis of Single Cells and Exocytosis. <i>Critical Reviews in Neurobiology</i> , 1997, 11, 59-90.	3.1	81
42	Total Synthesis of Hibispeptin A via Pd-Catalyzed C(sp ³) \hat{C} -H Arylation with Sterically Hindered Aryl Iodides. <i>Organic Letters</i> , 2014, 16, 6488-6491.	4.6	80
43	Palladium-Catalyzed Picolinamide-Directed Acetoxylation of Unactivated $\hat{1}^3$ -C(sp ³) \hat{C} -H Bonds of Alkylamines. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1544-1548.	4.3	80
44	Palladium-Catalyzed Amide-Directed Enantioselective Carboboration of Unactivated Alkenes Using a Chiral Monodentate Oxazoline Ligand. <i>ACS Catalysis</i> , 2019, 9, 6502-6509.	11.2	74
45	Studies Related to the Relative Thermodynamic Stability of C-Terminal Peptidyl Esters of O-Hydroxy Thiophenol: Emergence of a Doable Strategy for Non-Cysteine Ligation Applicable to the Chemical Synthesis of Glycopeptides. <i>Journal of the American Chemical Society</i> , 2006, 128, 7460-7462.	13.7	72
46	Nitrene-mediated intermolecular N \hat{C} -N coupling for efficient synthesis of hydrazides. <i>Nature Chemistry</i> , 2021, 13, 378-385.	13.6	65
47	Three-component vicinal-diarylation of alkenes via direct transmetalation of arylboronic acids. <i>Chemical Science</i> , 2019, 10, 7952-7957.	7.4	63
48	Postassembly Modifications of Peptides via Metal-Catalyzed C(sp ³) \hat{C} -H Functionalization. <i>CCS Chemistry</i> , 2021, 3, 1797-1820.	7.8	61
49	Toward Homogeneous Erythropoietin: Chemical Synthesis of the Ala ¹ -Gly ²⁸ Glycopeptide Domain by Alanine-Ligation. <i>Journal of the American Chemical Society</i> , 2009, 131, 5438-5443.	13.7	58
50	ATF4 Gene Network Mediates Cellular Response to the Anticancer PAD Inhibitor YW3-56 in Triple-Negative Breast Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 877-888.	4.1	55
51	Synthesis of the fucosylated biantennary N-glycan of erythropoietin. <i>Tetrahedron Letters</i> , 2006, 47, 5577-5579.	1.4	54
52	Toward Homogeneous Erythropoietin: Fine Tuning of the C-Terminal Acyl Donor in the Chemical Synthesis of the Cys ²⁹ -Gly ⁷⁷ Glycopeptide Domain. <i>Journal of the American Chemical Society</i> , 2009, 131, 5432-5437.	13.7	54
53	Total Synthesis of Mannopectimycins $\hat{1}^1$ and $\hat{1}^2$. <i>Journal of the American Chemical Society</i> , 2016, 138, 3926-3932.	13.7	53
54	Iridium-Catalyzed ortho-C(sp ²) \hat{C} -H Amidation of Benzaldehydes with Organic Azides. <i>Journal of Organic Chemistry</i> , 2017, 82, 4497-4503.	3.2	53

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55	Palladium-Catalyzed Amide-Directed Hydrocarbofunctionalization of 3-Alkenamides with Alkynes. <i>ACS Catalysis</i> , 2020, 10, 933-940.	11.2	52
56	Photoredox-Mediated Minisci Alkylation of N-Heteroarenes using Carboxylic Acids and Hypervalent Iodine. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1307-1310.	2.7	49
57	Epimerization of Tertiary Carbon Centers via Reversible Radical Cleavage of Unactivated C(sp ³)-H Bonds. <i>Journal of the American Chemical Society</i> , 2018, 140, 9678-9684.	13.7	49
58	Iron-catalysed reductive cross-coupling of glycosyl radicals for the stereoselective synthesis of C-glycosides. , 2022, 1, 235-244.		49
59	Iodination of Remote <i>Ortho</i> -C-H Bonds of Arenes via Directed S _E Ar: A Streamlined Synthesis of Tetrahydroquinolines. <i>Organic Letters</i> , 2013, 15, 3440-3443.	4.6	48
60	Stereoselective Synthesis of <i>C</i> -Vinyl Glycosides via Palladium-Catalyzed C-H Glycosylation of Alkenes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19620-19625.	13.8	48
61	Pd(0)-Catalyzed Bidentate Auxiliary Directed Enantioselective Benzylic C-H Arylation of 3-Arylpropanamides Using the BINOL Phosphoramidite Ligand. <i>ACS Catalysis</i> , 2018, 8, 11502-11512.	11.2	47
62	An Enantioselective Bidentate Auxiliary Directed Palladium-Catalyzed Benzylic C-H Arylation of Amines Using a BINOL Phosphate Ligand. <i>Angewandte Chemie</i> , 2016, 128, 15613-15617.	2.0	46
63	Radical-mediated intramolecular β -C(sp ³)-H amidation of alkylimidates: facile synthesis of 1,2-amino alcohols. <i>Chemical Communications</i> , 2018, 54, 515-518.	4.1	46
64	Total Synthesis of C- β -Mannosyl Tryptophan via Palladium-Catalyzed C-H Glycosylation. <i>CCS Chemistry</i> , 2021, 3, 1729-1736.	7.8	46
65	Enantioselective Alkylamination of Unactivated Alkenes under Copper Catalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 1195-1202.	13.7	46
66	Cysteine-specific protein multi-functionalization and disulfide bridging using 3-bromo-5-methylene pyrrolones. <i>Nature Communications</i> , 2020, 11, 1015.	12.8	45
67	Selective Removal of Aminoquinoline Auxiliary by IBX Oxidation. <i>Journal of Organic Chemistry</i> , 2019, 84, 12792-12799.	3.2	41
68	Streamlined construction of peptide macrocycles <i>via</i> palladium-catalyzed intramolecular <i>S</i> -arylation in solution and on DNA. <i>Chemical Science</i> , 2021, 12, 5804-5810.	7.4	41
69	Palladium-catalyzed picolinamide-directed halogenation of ortho C-H bonds of benzylamine substrates. <i>Tetrahedron</i> , 2014, 70, 4197-4203.	1.9	39
70	Copper(I)-Catalyzed Enantioselective Intramolecular Aminotrifluoromethylation of <i>O</i> -Homoallyl Benzimidates. <i>Organic Letters</i> , 2019, 21, 4657-4661.	4.6	38
71	Mature homogeneous erythropoietin-level building blocks by chemical synthesis: the EPO 114-166 glycopeptide domain, presenting the O-linked glycoporphin. <i>Tetrahedron Letters</i> , 2006, 47, 8013-8016.	1.4	36
72	Minisci C-H alkylation of N-heteroarenes with aliphatic alcohols <i>via</i> β -scission of alkoxy radical intermediates. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3205-3209.	4.5	36

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73	Palladium-catalyzed alkylation of unactivated C(sp ³)-H bonds with primary alkyl iodides at room temperature: facile synthesis of β -alkyl α -amino acids. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1318-1321.	4.5	35
74	Palladium-Catalyzed β -C-H Arylation of Alkyl Carboxamides with Sterically Hindered Aryl Iodides Using <i>ortho</i> -Sulfinyl Aniline Auxiliaries. <i>ACS Catalysis</i> , 2017, 7, 1880-1885.	11.2	35
75	Construction of Cyclophane-Braced Peptide Macrocycles via Palladium-Catalyzed Picolinamide-Directed Intramolecular C(sp ²)-H Arylation. <i>Organic Letters</i> , 2020, 22, 6879-6883.	4.6	35
76	Synthesis of non-classical heteroaryl C-glycosides via Minisci-type alkylation of N-heteroarenes with 4-glycosyl-dihydropyridines. <i>Science China Chemistry</i> , 2020, 63, 1613-1618.	8.2	33
77	Synthesis of phenanthridines via palladium-catalyzed picolinamide-directed sequential C-H functionalization. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 891-899.	2.2	32
78	Syntheses of Nitrogen-Containing Heterocycles via Palladium-Catalyzed Intramolecular Dehydrogenative C-H Amination. <i>Synlett</i> , 2015, 26, 2505-2511.	1.8	32
79	Multiple classes of catecholamine vesicles observed during exocytosis from the Planorbis cell body. <i>Brain Research</i> , 1995, 701, 167-174.	2.2	29
80	Modular Synthesis of β -Acceptor Cyclophanes Derived from 1,4,5,8-Naphthalenetetracarboxylic Diimide and 1,5-Dinitronaphthalene. <i>Journal of Organic Chemistry</i> , 2001, 66, 3027-3034.	3.2	29
81	Mature homogeneous erythropoietin building blocks by chemical synthesis: the EPO 22-37 glycopeptide domain presenting the full N-linked dodecasaccharide. <i>Tetrahedron Letters</i> , 2006, 47, 8009-8011.	1.4	29
82	Palladium-catalyzed arylation of β -methylene C(sp ³)-H bonds at room temperature: desymmetrization of simple cycloalkyl carboxylic acids. <i>Organic Chemistry Frontiers</i> , 2016, 3, 561-564.	4.5	29
83	A route to cyclic peptides and glycopeptides by native chemical ligation using in situ derived thioesters. <i>Tetrahedron Letters</i> , 2006, 47, 1969-1972.	1.4	28
84	Synthesis of β -alkynyl α -amino acids via palladium-catalyzed alkynylation of unactivated C(sp ³)-H bonds. <i>Science China Chemistry</i> , 2015, 58, 1345-1348.	8.2	28
85	Reiterative cysteine-based coupling leading to complex, homogeneous glycopeptides. <i>Tetrahedron Letters</i> , 2006, 47, 5219-5223.	1.4	26
86	Palladium-catalyzed β -C(sp ³)-H arylation of phthaloyl alanine with hindered aryl iodides: synthesis of complex β -aryl α -amino acids. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5511-5515.	2.8	24
87	Synthesis of Cyclophane-Braced Peptide Macrocycles via Palladium-Catalyzed Intramolecular C(sp ³)-H Arylation of <i>N</i> -Methyl Alanine at C-Termini. <i>Organic Letters</i> , 2020, 22, 6209-6213.	4.6	24
88	Pd-Catalyzed <i>Ortho</i> -Directed C-H Glycosylation of Arenes Using N-Linked Bidentate Auxiliaries. <i>Chinese Journal of Chemistry</i> , 2021, 39, 571-576.	4.9	24
89	Cooperative Stapling of Native Peptides at Lysine and Tyrosine or Arginine with Formaldehyde. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6646-6652.	13.8	24
90	Radical C-H Arylation of Oxazoles with Aryl Iodides: dppf as an Electron-Transfer Mediator for Cs ₂ CO ₃ . <i>Organic Letters</i> , 2018, 20, 1684-1687.	4.6	22

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91	Photoredox-Mediated Remote C(sp ³)â€”H Heteroarylation of N-Alkyl Sulfonamides. <i>Journal of Organic Chemistry</i> , 2019, 84, 15777-15787.	3.2	22
92	Extendable stapling of unprotected peptides by crosslinking two amines with o-phthalaldehyde. <i>Nature Communications</i> , 2022, 13, 311.	12.8	22
93	Synthesis of ²â€”Deoxyâ€”C</i>â€”Glycosides</sup> via ² Iridiumâ€”Catalyzed</sup> sp² and sp³ Câ€”H Glycosylation with Unfunctionalized Glycals^{â€”}. <i>Chinese Journal of Chemistry</i> , 2022, 40, 571-576.	4.9	21
94	Palladiumâ€”Catalyzed <i>ortho</i> Câ€”H Arylation of Benzaldehydes Using <i>ortho</i>â€”Sulfinyl Aniline as Transient Auxiliary. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2423-2426.	3.3	20
95	Palladium-Catalyzed <i>O</i>- and <i>N</i>-Glycosylation with Glycosyl Chlorides. <i>CCS Chemistry</i> , 2021, 3, 1821-1829.	7.8	20
96	Chemical Synthesis of a Bisphosphorylated Mannoseâ€”6â€”Phosphate Nâ€”Glycan and its Facile Monoconjugation with Human Carbonic Anhydrase II for in vivo Fluorescence Imaging. <i>ChemBioChem</i> , 2011, 12, 685-690.	2.6	19
97	Tunable System for Electrochemical Reduction of Ketones and Phthalimides. <i>Chinese Journal of Chemistry</i> , 2021, 39, 3297-3302.	4.9	19
98	A Versatile Click-Compatible Monolignol Probe to Study Lignin Deposition in Plant Cell Walls. <i>PLoS ONE</i> , 2015, 10, e0121334.	2.5	19
99	Electrochemical monitoring of bursting exocytotic events from the giant dopamine neuron of <i>Planorbis</i> corneus. <i>Brain Research</i> , 1996, 733, 119-124.	2.2	18
100	Synthesis of a suite of click-compatible sugar analogs for probing carbohydrate metabolism. <i>Carbohydrate Research</i> , 2016, 433, 54-62.	2.3	17
101	Nitrene-Mediated Pâ€”N Coupling Under Iron Catalysis. <i>CCS Chemistry</i> , 2022, 4, 2258-2266.	7.8	17
102	Total synthesis of teixobactin and its stereoisomers. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1431-1435.	4.5	16
103	Î²-Lactam Synthesis via Copper-Catalyzed Directed Aminoalkylation of Unactivated Alkenes with Cyclobutanone <i>O</i>-Benzoyloximes. <i>Organic Letters</i> , 2021, 23, 3620-3625.	4.6	16
104	The click-compatible sugar 6-deoxy-alkynyl glucose metabolically incorporates into Arabidopsis root hair tips and arrests their growth. <i>Phytochemistry</i> , 2016, 123, 16-24.	2.9	15
105	Chemical Synthesis of N-Linked Glycans Carrying Both Mannose-6-phosphate and GlcNAc-Mannose-6-phosphate Motifs. <i>Journal of Organic Chemistry</i> , 2011, 76, 8682-8689.	3.2	14
106	Synthesis of 2,3â€”Fused Indoline Aminals <i>via</i> 4 + 2 Cycloaddition of NHâ€”free Benzazetidines with Indoles. <i>Chinese Journal of Chemistry</i> , 2019, 37, 119-125.	4.9	14
107	A rapid and sensitive method for chiroptical sensing of Î±-amino acids <i>via</i> click-like labeling with <i>o</i>-phthalaldehyde and <i>p</i>-toluenethiol. <i>Chemical Science</i> , 2021, 12, 2504-2508.	7.4	12
108	Synthesis of novel bivalent mimetic ligands for mannose-6-phosphate receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 2328-2331.	2.2	11

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109	Construction of Peptide Macrocycles via Palladium-Catalyzed Multiple S-Arylation: An Effective Strategy to Expand the Structural Diversity of Cross-Linkers. <i>Organic Letters</i> , 2021, 23, 8001-8006.	4.6	11
110	Palladium-catalyzed picolinamide-directed iodination of remote ortho-C-H bonds of arenes: Synthesis of tetrahydroquinolines. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 1243-1249.	2.2	10
111	Copper-catalyzed ortho-C(sp ²)-H amination of benzamides and picolinamides with alkylamines using oxygen as a green oxidant. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 4802-4814.	2.8	10
112	Photoredox-Mediated Mono- and Difluorination of Remote Unactivated Methylene C(sp ³)-H Bonds of N-Alkyl Sulfonamides. <i>Organic Letters</i> , 2021, 23, 3631-3635.	4.6	10
113	Construction of Peptide Macrocycles via Radical-Mediated Intramolecular C-H Alkylations. <i>Organic Letters</i> , 2021, 23, 716-721.	4.6	10
114	A class of novel N-isoquinoline-3-carbonyl-l-amino acid benzylesters: Synthesis, anti-tumor evaluation and 3D QSAR analysis. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1672-1681.	5.5	9
115	Construction of Complex Macromulticyclic Peptides via Stitching with Formaldehyde and Guanidine. <i>Journal of the American Chemical Society</i> , 2022, 144, 10080-10090.	13.7	9
116	Stereoselective Synthesis of C-Vinyl Glycosides via Palladium-Catalyzed C-H Glycosylation of Alkenes. <i>Angewandte Chemie</i> , 2021, 133, 19772-19777.	2.0	8
117	Experimental and computational studies of anion recognition by pyridine-functionalised calixarenes. <i>Supramolecular Chemistry</i> , 2013, 25, 481-489.	1.2	6
118	Arene C-H Iodination Using 2-Nitrophenyl Iodides as the Iodinating Reagents. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 4103.	1.3	6
119	Ruthenium-Catalyzed Pyridine-Directed Aryl C-H Glycosylation with Glycosyl Chlorides. <i>Journal of Organic Chemistry</i> , 2022, 87, 8811-8818.	3.2	6
120	Cooperative Stapling of Native Peptides at Lysine and Tyrosine or Arginine with Formaldehyde. <i>Angewandte Chemie</i> , 2021, 133, 6720-6726.	2.0	5
121	Synthesis of reversible PAD4 inhibitors via copper-catalyzed C-H arylation of benzimidazole. <i>Science China Chemistry</i> , 2019, 62, 592-596.	8.2	4
122	Development of highly effective three-component cytoprotective adjuncts for cisplatin cancer treatment: synthesis and in vivo evaluation in S180-bearing mice. <i>Metallomics</i> , 2011, 3, 1212.	2.4	2
123	Correction: Photoredox-mediated Minisci C-H alkylation of N-heteroarenes using boronic acids and hypervalent iodine. <i>Chemical Science</i> , 2016, 7, 6573-6573.	7.4	1
124	Solid Phase Synthesis of Thioether-Linked Peptide Macrocycles via Palladium-Catalyzed Intramolecular S-Arylation and S-Alkenylation. <i>Asian Journal of Organic Chemistry</i> , 0, , .	2.7	0
125	Introduction to C-Synthesis and chemical biology of macrocycles™. <i>RSC Chemical Biology</i> , 0, , .	4.1	0