

Modern Transition-Metal-Catalyzed Carbon–Halogen

Chemical Reviews

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Stereoselective Synthesis of Methylene Oxindoles via Palladium(II)-Catalyzed Intramolecular Cross-Coupling of Carbamoyl Chlorides. <i>Journal of the American Chemical Society</i> , 2016, 138, 14441-14448.	6.6	63
4	<i>meta</i> -C ⁸ H Bromination on Purine Bases by Heterogeneous Ruthenium Catalysis. <i>Angewandte Chemie</i> , 2017, 129, 1579-1582.	1.6	31
5	Recent advances in radical-mediated fluorination through C-H and C-C bond cleavage. <i>Science China Chemistry</i> , 2017, 60, 214-222.	4.2	68
6	Transition-metal-free direct perfluoroalkylation of quinoline amides at C5 position through radical cross-coupling under mild conditions. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1116-1120.	2.3	52
7	Synthesis of Benzoisosenazolone Derivatives by Nickel-Catalyzed Dehydrogenative Direct Selenation of C(sp ²)-H Bonds with Elemental Selenium in Air. <i>Organic Letters</i> , 2017, 19, 1092-1095.	2.4	77
8	Selective C(sp ²)-H Halogenation of <i>click</i> -4-Aryl-1,2,3-triazoles. <i>Organic Letters</i> , 2017, 19, 962-965.	2.4	34
9	Palladium(II)-Catalyzed Directed <i>anti</i> -Hydrochlorination of Unactivated Alkynes with HCl. <i>Journal of the American Chemical Society</i> , 2017, 139, 5183-5193.	6.6	70
10	Palladium-Catalyzed Hydrohalogenation of 1,6-Enynes: Hydrogen Halide Salts and Alkyl Halides as Convenient HX Surrogates. <i>Journal of the American Chemical Society</i> , 2017, 139, 3546-3557.	6.6	88
11	Ligand-Enabled Pd(II)-Catalyzed Bromination and Iodination of C(sp ³)-H Bonds. <i>Journal of the American Chemical Society</i> , 2017, 139, 5724-5727.	6.6	58
12	Enzymatic Halogenation: A Timely Strategy for Regioselective C-H Activation. <i>Chemistry - A European Journal</i> , 2017, 23, 12064-12086.	1.7	91
13	Copper-catalysed aromatic-Finkelstein reactions with amine-based ligand systems. <i>Catalysis Science and Technology</i> , 2017, 7, 2110-2117.	2.1	21
14	Synthesis, Structure, and Reductive Elimination of Cationic Monoarylpalladium(IV) Complexes Supported by a Tripodal Oxygen Ligand. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2928-2935.	1.0	4
15	Modified Sonogashira Coupling Strategy For the Functionalization of Substituted Quinoline. <i>ChemistrySelect</i> , 2017, 2, 2677-2680.	0.7	2
16	Copper-Catalyzed Selective <i>ortho</i> -C-H/N-H Annulation of Benzamides with Arynes: Synthesis of Phenanthridinone Alkaloids. <i>Organic Letters</i> , 2017, 19, 1764-1767.	2.4	77
17	Diverse <i>ortho</i> -C(sp ²)-H Functionalization of Benzaldehydes Using Transient Directing Groups. <i>Journal of the American Chemical Society</i> , 2017, 139, 888-896.	6.6	232
18	Differences between the elimination of early and late transition metals: DFT mechanistic insights into the titanium-catalyzed synthesis of pyrroles from alkynes and diazenes. <i>Chemical Science</i> , 2017, 8, 2413-2425.	3.7	27
19	<i>meta</i> -C ⁸ H Bromination on Purine Bases by Heterogeneous Ruthenium Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1557-1560.	7.2	128
20	Copper-Mediated C-X Functionalization of Aryl Halides. <i>Organic Process Research and Development</i> , 2017, 21, 1889-1924.	1.3	80

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21	Palladium Nanoparticles Supported on Modified Hollow-Fe ₃ O ₄ @TiO ₂ : Catalytic Activity in Heck and Sonogashira Cross Coupling Reactions. <i>Organic Preparations and Procedures International</i> , 2017, 49, 443-458.	0.6	20
22	Regioselective C-H chlorination: towards the sequential difunctionalization of phenol derivatives and late-stage chlorination of bioactive compounds. <i>RSC Advances</i> , 2017, 7, 46636-46643.	1.7	10
23	(2-Pyridyl)sulfonyl Groups for <i>ortho</i> -Directing Palladium-Catalyzed Carbon-Halogen Bond Formation at Functionalized Arenes. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3792-3804.	2.1	14
24	Metal-Involving Synthesis and Reactions of Oximes. <i>Chemical Reviews</i> , 2017, 117, 13039-13122.	23.0	154
25	Direct Synthesis of Large-Scale <i>Ortho</i> -Iodinated Perylene Diimides: Key Precursors for Functional Dyes. <i>Organic Letters</i> , 2017, 19, 5438-5441.	2.4	32
26	High-throughput evaluation of in situ-generated cobalt(<i>iii</i>) catalysts for acyl fluoride synthesis. <i>Catalysis Science and Technology</i> , 2017, 7, 4996-5003.	2.1	23
27	Building Diversity in <i>ortho</i> -Substituted <i>s</i> -Aryltetrazines By Tuning N-Directed Palladium C-H Halogenation: Unsymmetrical Polyhalogenated and Biphenyl <i>s</i> -Aryltetrazines. <i>ACS Catalysis</i> , 2017, 7, 8493-8501.	5.5	37
28	Heterometallic catalysis for sustainable organic syntheses. <i>Chemical Society Reviews</i> , 2017, 46, 7399-7420.	18.7	135
29	Ruthenium-Catalyzed Remote C-H Sulfonylation of <i>N</i> -Aryl-2-aminopyridines with Aromatic Sulfonyl Chlorides. <i>Organic Letters</i> , 2017, 19, 6000-6003.	2.4	43
30	Porous Aromatic Frameworks for Size-Selective Halogenation of Aryl Compounds. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 30958-30963.	4.0	13
31	Asymmetric Hydrogenation of Isoquinolines and Pyridines Using Hydrogen Halide Generated in Situ as Activator. <i>Organic Letters</i> , 2017, 19, 4988-4991.	2.4	59
32	Chloride-Tolerant Gold(I)-Catalyzed Regioselective Hydrochlorination of Alkynes. <i>ACS Catalysis</i> , 2017, 7, 6798-6801.	5.5	47
33	Pd-Catalyzed Decarbonylative Cross-Couplings of Aryl Chlorides. <i>Organic Letters</i> , 2017, 19, 4142-4145.	2.4	80
34	Pd-Catalyzed/Iodide-Promoted <i>ortho</i> -Arylation of Ketones for the Regioselective Synthesis of Isocoumarins. <i>Journal of Organic Chemistry</i> , 2017, 82, 8296-8303.	1.7	20
35	Group 9 Transition Metal-Catalyzed C-H Halogenations. <i>Israel Journal of Chemistry</i> , 2017, 57, 945-952.	1.0	42
36	Transition Metal Catalyzed, Regioselective <i>B</i> (4)-Halogenation and <i>B</i> (4,5)-Diiodination of Cage C-H Bonds in <i>o</i> -Carboranes. <i>Chemistry - A European Journal</i> , 2017, 23, 14866-14871.	1.7	46
37	Palladium-Catalyzed <i>ortho</i> -Selective C-H Chlorination of Benzamide Derivatives under Anodic Oxidation Conditions. <i>Journal of Organic Chemistry</i> , 2017, 82, 8716-8724.	1.7	87
38	Palladium-Catalyzed <i>ortho</i> -Halogenation of Tertiary Benzamides. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1361-1364.	1.3	16

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39	Ruthenium(II)-Catalyzed Redox-Neutral Oxidative Cyclization of Benzimidates with Alkenes with Hydrogen Evolution. <i>Organic Letters</i> , 2017, 19, 6678-6681.	2.4	37
40	Toxicity of Metal Compounds: Knowledge and Myths. <i>Organometallics</i> , 2017, 36, 4071-4090.	1.1	467
41	Synthesis and Reactivity of Model Intermediates Proposed for the Pd-Catalyzed Remote C-H Functionalization of <i>N</i> -(2-Haloaryl)acrylamides. <i>Organometallics</i> , 2017, 36, 4465-4476.	1.1	44
42	Selective C-H Functionalizations by Electrochemical Reactions with Palladium Catalysts. <i>Israel Journal of Chemistry</i> , 2017, 57, 953-963.	1.0	20
43	Silver-mediated fluorination of alkyl iodides with TMSCF ₃ as the fluorinating agent. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1958-1961.	2.3	6
44	A Convergent Synthesis of Functionalized Alkenyl Halides through Cobalt(III)-Catalyzed Three-Component C-H Bond Addition. <i>Angewandte Chemie</i> , 2017, 129, 10108-10112.	1.6	24
45	A Convergent Synthesis of Functionalized Alkenyl Halides through Cobalt(III)-Catalyzed Three-Component C-H Bond Addition. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9976-9980.	7.2	78
46	Computational study on NHC-catalyzed enantioselective and chemoselective fluorination of aliphatic aldehydes. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1987-1998.	2.3	47
47	Iron(III)-Catalyzed Chlorination of Activated Arenes. <i>Journal of Organic Chemistry</i> , 2017, 82, 7529-7537.	1.7	57
48	Combining Eosin Y with Selectfluor: A Regioselective Brominating System for <i>Para</i> -Bromination of Aniline Derivatives. <i>Organic Letters</i> , 2017, 19, 3799-3802.	2.4	47
49	Palladium functionalized phosphinite polyethyleneimine grafted magnetic silica nanoparticles as an efficient catalyst for the synthesis of isoquinolino[1,2- <i>b</i>]quinazolin-8-ones. <i>New Journal of Chemistry</i> , 2018, 42, 5499-5507.	1.4	25
50	Copper(I) Halide for Regioselective Ortho-Halogenation of Directed Arenes. <i>Catalysis Letters</i> , 2018, 148, 1067-1072.	1.4	9
51	Transition-Metal-Free Regioselective C-H Bond Fluorination of 8-Aminoquinolines with Selectfluor. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2091-2097.	1.2	15
52	Nitrate-promoted Selective C-H Fluorination of Benzamides and Benzeneacetamides. <i>Organic Letters</i> , 2018, 20, 2445-2448.	2.4	37
53	Copper(II)-Promoted Mono-Selective ortho C-H Chlorination of Arenes by Using Trimethyl(trichloromethyl)silane. <i>Synlett</i> , 2018, 29, 1122-1124.	1.0	5
54	Mixing <i>O</i> -Containing and <i>N</i> -Containing Directing Groups for C-H Activation: A Strategy for the Synthesis of Highly Functionalized 2,2'-Biaryls. <i>Journal of Organic Chemistry</i> , 2018, 83, 2582-2591.	1.7	16
55	Stereoselective Construction of Halogenated Quaternary Carbon Centers by Brønsted Base Catalyzed [4+2] Cycloaddition of α -Haloaldehydes. <i>Angewandte Chemie</i> , 2018, 130, 1931-1935.	1.6	13
56	Highly <i>meta</i> -selective halogenation of 2-phenylpyridine with a ruthenium(λ) catalyst. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1118-1123.	2.3	24

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57	Palladium-Catalyzed Atom-Transfer Radical Cyclization at Remote Unactivated C(sp ³)-H Sites: Hydrogen-Atom Transfer of Hybrid Vinyl Palladium Radical Intermediates. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2712-2715.	7.2	85
58	Palladium-Catalyzed Atom-Transfer Radical Cyclization at Remote Unactivated C(sp ³)-H Sites: Hydrogen-Atom Transfer of Hybrid Vinyl Palladium Radical Intermediates. <i>Angewandte Chemie</i> , 2018, 130, 2742-2745.	1.6	15
59	In situ acyl triflates ace it. <i>Nature Chemistry</i> , 2018, 10, 116-117.	6.6	5
60	Construction of C(sp ²)-X (X = Br, Cl) Bonds through a Copper-Catalyzed Atom-Transfer Radical Process: Application for the 1,4-Difunctionalization of Isoquinolinium Salts. <i>Organic Letters</i> , 2018, 20, 987-990.	2.4	31
61	Stereoselective Construction of Halogenated Quaternary Carbon Centers by Brønsted Base Catalyzed [4+2] Cycloaddition of α -Haloaldehydes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1913-1917.	7.2	78
62	Synthesis of α -Fluoroimines by Copper-catalyzed Reaction of Diarylacetylenes and <i>i</i> -Fluorobenzenesulfonimide. <i>Chemistry Letters</i> , 2018, 47, 329-331.	0.7	3
63	Metal-Free Sulfonylation of 3,4-Dihalo-2(5H)-furanones (X = Cl, Br) with Sodium Sulfinates under Air Atmosphere in Aqueous Media via a Radical Pathway. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 4147-4153.	3.2	24
64	Imidazolium-based ionic liquid functionalized reduced graphene oxide supported palladium as a reusable catalyst for Suzuki-Miyaura reactions. <i>New Journal of Chemistry</i> , 2018, 42, 2364-2367.	1.4	16
65	A copper-mediated reverse aromatic Finkelstein reaction in ionic liquid. <i>Journal of Advanced Research</i> , 2018, 10, 9-13.	4.4	4
66	Controllable deuteration of halogenated compounds by photocatalytic D ₂ O splitting. <i>Nature Communications</i> , 2018, 9, 80.	5.8	123
67	Cobalt(II)-catalyzed chelation-assisted C-H iodination of aromatic amides with I_2 . <i>Chemical Communications</i> , 2018, 54, 1359-1362.	2.2	37
68	Aromatization modulates the activity of small organic molecules as promoters for carbon-halogen bond activation. <i>Chemical Science</i> , 2018, 9, 1534-1539.	3.7	23
69	Palladium-Catalyzed Carbonylation of Aryl Chlorides to Electrophilic Aroyl-DMAP Salts. <i>ACS Catalysis</i> , 2018, 8, 5350-5354.	5.5	44
70	Palladium-Catalyzed C-H Iodination of 8-Quinolinylnyl)benzamide Derivatives Under Electrochemical and Non-Electrochemical Conditions. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1311-1314.	1.3	12
71	I_2 C-H di-halogenation via iterative hydrogen atom transfer. <i>Chemical Science</i> , 2018, 9, 4500-4504.	3.7	41
72	Development of Halogenase Enzymes for Use in Synthesis. <i>Chemical Reviews</i> , 2018, 118, 232-269.	23.0	230
73	Ligand- and Solvent-Controlled Regio- and Chemodivergent Carbonylative Reactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1152-1160.	7.2	99
74	Hybrid inorganic-organic complexes: Synthesis, spectroscopic characterization, single crystal X-ray structure determination and antimicrobial activities of three copper(II)-diethylenetriamine-p-nitrobenzoate complexes. <i>Inorganica Chimica Acta</i> , 2018, 469, 288-297.	1.2	17

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75	Nickel-catalyzed Denitrogenative Annulation of 1,2,3-Benzotriazin-4-ones with Benzyne for Construction of Phenanthridinone Scaffolds. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 284-289.	2.1	39
76	Three-Dimensional Printing in Catalysis: Combining 3D Heterogeneous Copper and Palladium Catalysts for Multicatalytic Multicomponent Reactions. <i>ACS Catalysis</i> , 2018, 8, 392-404.	5.5	88
77	Redox-Tag Processes: Intramolecular Electron Transfer and Its Broad Relationship to Redox Reactions in General. <i>Chemical Reviews</i> , 2018, 118, 4592-4630.	23.0	139
78	Copper-Mediated Cascade C-H/N-H Annulation of Indolocarboxamides with Arynes: Construction of Tetracyclic Indoloquinoline Alkaloids. <i>Organic Letters</i> , 2018, 20, 220-223.	2.4	66
79	Ligand-enabled ortho-C-H olefination of phenylacetic amides with unactivated alkenes. <i>Chemical Science</i> , 2018, 9, 1311-1316.	3.7	75
80	Liganden- und Lösungsmittelkontrollierte regio- und chemodivergente Carbonylierungen. <i>Angewandte Chemie</i> , 2018, 130, 1166-1174.	1.6	21
81	Nickel-catalyzed intermolecular carboiodination of alkynes with aryl iodides. <i>Chemical Communications</i> , 2018, 54, 12750-12753.	2.2	38
82	Cu-catalyzed decarboxylative iodination of aryl carboxylic acids with NaI: A practical entry to aryl iodides under aerobic conditions. <i>Tetrahedron Letters</i> , 2018, 59, 4458-4461.	0.7	12
83	Mechanochemical synthesis of platinum(IV) complexes with N-heterocyclic carbenes. <i>Russian Chemical Bulletin</i> , 2018, 67, 2003-2009.	0.4	6
85	Silver-catalyzed Carbocyclization of Azide-Tethered Alkynes: Expeditious Synthesis of Polysubstituted Quinolines. <i>Advanced Synthesis and Catalysis</i> , 2018, 361, 826.	2.1	26
86	Organic Dye-Catalyzed, Visible-Light Photoredox Bromination of Arenes and Heteroarenes Using N-Bromosuccinimide. <i>ACS Omega</i> , 2018, 3, 12868-12877.	1.6	50
87	The interaction of carbon-centered radicals with copper(I) and copper(II) complexes*. <i>Journal of Coordination Chemistry</i> , 2018, 71, 1641-1668.	0.8	14
88	7-(2-Ethoxyphenyl)dihydroazolopyrimidines in oxidation reactions with bromine. <i>Chemistry of Heterocyclic Compounds</i> , 2018, 54, 892-901.	0.6	2
89	Palladium-Catalyzed Hydride Addition/C-H Bond Activation Cascade: Cycloisomerization of 1,6-Diynes. <i>Organic Letters</i> , 2018, 20, 6915-6919.	2.4	15
90	Environmentally benign indole-catalyzed position-selective halogenation of thioarenes and other aromatics. <i>Green Chemistry</i> , 2018, 20, 4448-4452.	4.6	27
91	Cobalt-catalyzed cyclization of benzamides with alkynes: a facile route to isoquinolones with hydrogen evolution. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8384-8389.	1.5	33
92	Palladium-Mediated Site-Selective C-H Radio-iodination. <i>Organic Letters</i> , 2018, 20, 6302-6305.	2.4	21
93	Sigmatropic Dearomatization/Defluorination Strategy for C-F Transformation: Synthesis of Fluorinated Benzofurans from Polyfluorophenols. <i>Angewandte Chemie</i> , 2018, 130, 14426-14430.	1.6	14

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94	Sigmatropic Dearomatization/Defluorination Strategy for C ² F Transformation: Synthesis of Fluorinated Benzofurans from Polyfluorophenols. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14230-14234.	7.2	42
95	Rhodium(III)-Catalyzed C ² H Activation of $\hat{\text{I}}\pm$ -Iminonitriles or $\hat{\text{I}}\pm$ -Imino Esters and Cyclization with Acrylates to 2- <i>H</i> -Isoindoles. <i>Journal of Organic Chemistry</i> , 2018, 83, 11736-11746.	1.7	17
96	Carbon Dioxide-Mediated C(sp ³) ² H Arylation of Amine Substrates. <i>Journal of the American Chemical Society</i> , 2018, 140, 6818-6822.	6.6	97
97	Pd ^{II} -Catalyzed Cascade Synthesis of Chromane Derivatives Initiated by <i>cis</i> -Chloropalladation or <i>trans</i> -Acetoxypalladation. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2435-2439.	1.7	13
98	Designs and Strategies for the Halo ² Functionalization of Diazo Compounds. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3185-3212.	2.1	25
99	A radical approach to the copper oxidative addition problem: Trifluoromethylation of bromoarenes. <i>Science</i> , 2018, 360, 1010-1014.	6.0	319
100	Cu ^I -Catalyzed Pentafluoroethylation of Aryl Iodides in the Presence of Tetrafluoroethylene and Cesium Fluoride: Determining the Route to the Key Pentafluoroethyl Cu ^I Intermediate. <i>Chemistry - A European Journal</i> , 2018, 24, 9794-9798.	1.7	36
101	Ligand-promoted ruthenium-catalyzed <i>meta</i> C ² H chlorination of arenes using <i>N</i> -chloro-2,10-camphorsultam. <i>Chemical Communications</i> , 2018, 54, 6008-6011.	2.2	29
102	Palladium-Catalyzed Synthesis of Dihydrobenzoindolones via C ² H Bond Activation and Alkyne Insertion. <i>Organic Letters</i> , 2018, 20, 4367-4370.	2.4	51
103	Stereoselective Alkyne Hydrohalogenation by Trapping of Transfer Hydrogenation Intermediates. <i>Organic Letters</i> , 2018, 20, 4926-4929.	2.4	36
104	Site ² Selective Remote Radical C ² H Functionalization of Unactivated C ² H Bonds in Amides Using Sulfone Reagents. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12940-12944.	7.2	135
105	Functional Group Transposition: A Palladium-Catalyzed Metathesis of Ar ² X $\hat{\text{I}}$ -Bonds and Acid Chloride Synthesis. <i>Journal of the American Chemical Society</i> , 2018, 140, 10140-10144.	6.6	81
106	Metathesis-active ligands enable a catalytic functional group metathesis between aroyl chlorides and aryl iodides. <i>Nature Chemistry</i> , 2018, 10, 1016-1022.	6.6	88
107	Investigation of active sites for C ² H functionalization on carbon-based catalyst: Effect of nitrogen-containing functional groups and radicals. <i>Journal of Catalysis</i> , 2018, 365, 344-350.	3.1	15
108	General and Practical Potassium Methoxide/Disilane-Mediated Dehalogenative Deuteration of (Hetero)Arylhalides. <i>Journal of the American Chemical Society</i> , 2018, 140, 10970-10974.	6.6	106
109	Enhancing Reactivity and Selectivity of Aryl Bromides: A Complementary Approach to Dibenzo[<i>b,f</i>]azepine Derivatives. <i>ChemCatChem</i> , 2018, 10, 4346-4352.	1.8	19
110	Copper-mediated intramolecular aminofluorination of 1,3-dienes by using nucleophilic fluorine reagents. <i>Chemical Communications</i> , 2018, 54, 8709-8712.	2.2	4
111	Transition ² Metal ² -Catalyzed Site ² Selective C ² H Halogenation Reactions. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1524-1541.	1.3	68

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112	Halogenation through Deoxygenation of Alcohols and Aldehydes. <i>Organic Letters</i> , 2018, 20, 3061-3064.	2.4	73
113	Site-Selective Remote Radical C-H Functionalization of Unactivated C-H Bonds in Amides Using Sulfone Reagents. <i>Angewandte Chemie</i> , 2018, 130, 13122-13126.	1.6	42
114	The Coming of Age in Iodane-Guided ortho C-H Propargylation: From Insight to Synthetic Potential. <i>Chemistry - A European Journal</i> , 2018, 24, 15517-15521.	1.7	30
115	Carboiodination Catalyzed by Nickel. <i>Journal of the American Chemical Society</i> , 2018, 140, 10950-10954.	6.6	101
116	Formal group insertion into aryl C-N bonds through an aromaticity destruction-reconstruction process. <i>Nature Communications</i> , 2018, 9, 3423.	5.8	13
117	Total Synthesis of Putative Chagosensine. <i>Angewandte Chemie</i> , 2018, 130, 13763-13769.	1.6	4
118	Total Synthesis of Putative Chagosensine. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13575-13581.	7.2	23
119	Catalyst-free geminal aminofluorination of <i>ortho</i> -sulfonamide-tethered alkylidenecyclopropanes <i>via</i> a Wagner-Meerwein rearrangement. <i>Chemical Communications</i> , 2018, 54, 10503-10506.	2.2	18
120	Eco-Friendly C-I and C-O Bond Formation of Simple Alkenes: Direct Access to <i>ortho</i> -iodo Oxyamines. <i>ChemistrySelect</i> , 2018, 3, 5766-5768.	0.7	2
121	Silylium-Catalyzed Carbon-Carbon Coupling of Alkynylsilanes with (2-bromo-1-methoxyethyl)arenes: Alternative Approaches. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6194-6198.	1.2	11
122	Modular <i>ipso</i> / <i>ortho</i> Difunctionalization of Aryl Bromides via Palladium/Norbornene Cooperative Catalysis. <i>Journal of the American Chemical Society</i> , 2018, 140, 8551-8562.	6.6	91
123	Functional Enzyme Mimics for Oxidative Halogenation Reactions that Combat Biofilm Formation. <i>Advanced Materials</i> , 2018, 30, e1707073.	11.1	73
124	An overview of late-stage functionalization in today's drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 1137-1149.	2.5	140
125	Nickel-Catalyzed Conversion of Enol Triflates into Alkenyl Halides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14901-14905.	7.2	49
126	Acid-promoted palladium(II)-catalyzed ortho-halogenation of primary benzamides: En route to halo-arenes. <i>Catalysis Communications</i> , 2019, 131, 105784.	1.6	10
127	Directed C-H Halogenation Reactions Catalysed by Pd ^{II} Supported on Polymers under Batch and Continuous Flow Conditions. <i>Chemistry - A European Journal</i> , 2019, 25, 13591-13597.	1.7	14
128	Copper-catalyzed selective difunctionalization of N-heteroarenes through a halogen atom transfer radical process. <i>New Journal of Chemistry</i> , 2019, 43, 13832-13836.	1.4	5
129	Visible-light photocatalytic activation of N-chlorosuccinimide by organic dyes for the chlorination of arenes and heteroarenes. <i>Tetrahedron</i> , 2019, 75, 130498.	1.0	22

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130	Diastereoselective Nickel-Catalyzed Carboiodination Generating Six-Membered Nitrogen-Based Heterocycles. <i>Organic Letters</i> , 2019, 21, 7163-7168.	2.4	25
131	Efficient Synthesis of Spirooxindole Pyrrolones by a Rhodium(III)-Catalyzed C-H Activation/Carbene Insertion/Lossen Rearrangement Sequence. <i>Angewandte Chemie</i> , 2019, 131, 13469-13473.	1.6	7
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433	Closing the Cycle as It Begins: Synthesis of <i>ortho</i> -iodobiaryls via Catellani Reaction. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	3
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