Jin-Quan Yu

List of Publications by Year
in descending order

319	57,343	588 125	1136 230
papers	citations	h-index	g-index

455	455	455	14090
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Palladium(II)â€Catalyzed Cï£¿H Activation/Cï£¿C Crossâ€Coupling Reactions: Versatility and Practicality. Angewandte Chemie - International Edition, 2009, 48, 5094-5115.	7.2	3,842
2	Weak Coordination as a Powerful Means for Developing Broadly Useful Câ€“H Functionalization Reactions. Accounts of Chemical Research, 2012, 45, 788-802.	7.6	2,513
3	Palladium-Catalyzed Transformations of Alkyl Câ€“H Bonds. Chemical Reviews, 2017, 117, 8754-8786.	23.0	1,660
4	Transition metal-catalyzed Câ€“H activation reactions: diastereoselectivity and enantioselectivity. Chemical Society Reviews, 2009, 38, 3242.	18.7	1,498
5	Cu(II)-Catalyzed Functionalizations of Aryl Câˆ’H Bonds Using O2 as an Oxidant. Journal of the American Chemical Society, 2006, 128, 6790-6791.	6.6	1,302
6	Activation of remote meta-Câ€“H bonds assisted by an end-on template. Nature, 2012, 486, 518-522.	13.7	794
7	Palladium-Catalyzed Methylation and Arylation of sp2and sp3Câˆ’H Bonds in Simple Carboxylic Acids. Journal of the American Chemical Society, 2007, 129, 3510-3511.	6.6	715
8	Ligand-Enabled Reactivity and Selectivity in a Synthetically Versatile Aryl Câ€“H Olefination. Science, 2010, 327, 315-319.	6.0	694
9	Pd^{II}â€Catalyzed Enantioselective Activation of C(sp²)ï£¿H and C(sp³)ï£¿H Bonds Using Monoprotected Amino Acids as Chiral Ligands. Angewandte Chemie - International Edition, 2008, 47, 4882-4886.	7.2	617
10	Enantioselective C(sp ³)â€'H bond activation by chiral transition metal catalysts. Science, 2018, 359, .	6.0	607
11	Functionalization of C(sp ³)â€“H bonds using a transient directing group. Science, 2016, 351, 252-256.	6.0	588
12	A Simple and Versatile Amide Directing Group for Câˆ’H Functionalizations. Angewandte Chemie - International Edition, 2016, 55, 10578-10599.	7.2	533
13	Pd(II)-Catalyzed Olefination of Electron-Deficient Arenes Using 2,6-Dialkylpyridine Ligands. Journal of the American Chemical Society, 2009, 131, 5072-5074.	6.6	512
14	Palladium-Catalyzed Alkylation of sp2and sp3Câˆ’H Bonds with Methylboroxine and Alkylboronic Acids:Â Two Distinct Câˆ’H Activation Pathways. Journal of the American Chemical Society, 2006, 128, 12634-12635.	6.6	506
15	Câ€“H Functionalization in organic synthesis. Chemical Society Reviews, 2011, 40, 1855.	18.7	494
16	Ligand-enabled meta-Câ€“H activation using a transient mediator. Nature, 2015, 519, 334-338.	13.7	494
17	Pd(II)-Catalyzed ortho-Trifluoromethylation of Arenes Using TFA as a Promoter. Journal of the American Chemical Society, 2010, 132, 3648-3649.	6.6	489
18	Conformation-induced remote meta-Câ€“H activation of amines. Nature, 2014, 507, 215-220.	13.7	481

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19	Synthesis of Î²-, Î³-, and Î´-Lactams via Pd(II)-Catalyzed Câ€“H Activation Reactions. Journal of the American Chemical Society, 2008, 130, 14058-14059.	6.6	472
20	Developing Ligands for Palladium(II)-Catalyzed Câ€“H Functionalization: Intimate Dialogue between Ligand and Substrate. Journal of Organic Chemistry, 2013, 78, 8927-8955.	1.7	472
21	Palladium-Catalyzed Asymmetric Iodination of Unactivated C?H Bonds under Mild Conditions. Angewandte Chemie - International Edition, 2005, 44, 2112-2115.	7.2	464
22	Pd(II)-Catalyzed Cross-Coupling of sp³ Câ€“H Bonds with sp² and sp³ Boronic Acids Using Air as the Oxidant. Journal of the American Chemical Society, 2008, 130, 7190-7191.	6.6	461
23	Ligand-Controlled C(sp ³)â€“H Arylation and Olefination in Synthesis of Unnatural Chiral Î±â€“Amino Acids. Science, 2014, 343, 1216-1220.	6.0	451
24	Ligand-Accelerated Câ€“H Activation Reactions: Evidence for a Switch of Mechanism. Journal of the American Chemical Society, 2010, 132, 14137-14151.	6.6	429
25	Pd(II)-Catalyzed Enantioselective Câ€“H Olefination of Diphenylacetic Acids. Journal of the American Chemical Society, 2010, 132, 460-461.	6.6	427
26	Divergent Câ€“H Functionalizations Directed by Sulfonamide Pharmacophores: Late-Stage Diversification as a Tool for Drug Discovery. Journal of the American Chemical Society, 2011, 133, 7222-7228.	6.6	426
27	Synthesis of Indolines and Tetrahydroisoquinolines from Arylethylamines by Pd^{II}â€Catalyzed Cï£¿H Activation Reactions. Angewandte Chemie - International Edition, 2008, 47, 6452-6455.	7.2	411
28	Pd(II)-Catalyzed Amination of Câ€“H Bonds Using Single-Electron or Two-electron Oxidants. Journal of the American Chemical Society, 2009, 131, 10806-10807.	6.6	410
29	Pd-Catalyzed Stereoselective Oxidation of Methyl Groups by Inexpensive Oxidants under Mild Conditions: A Dual Role for Carboxylic Anhydrides in Catalytic Cï£¿H Bond Oxidation. Angewandte Chemie - International Edition, 2005, 44, 7420-7424.	7.2	409
30	Palladium-Catalyzed Alkylation of Aryl Câ€“H Bonds with sp3Organotin Reagents Using Benzoquinone as a Crucial Promoter. Journal of the American Chemical Society, 2006, 128, 78-79.	6.6	401
31	Pd(II)-Catalyzed Hydroxylation of Arenes with 1 atm of O₂ or Air. Journal of the American Chemical Society, 2009, 131, 14654-14655.	6.6	399
32	Pd-Catalyzed Intermolecular Câ€“H Amination with Alkylamines. Journal of the American Chemical Society, 2011, 133, 7652-7655.	6.6	398
33	Pd(II)-Catalyzed Enantioselective Câ€“H Activation of Cyclopropanes. Journal of the American Chemical Society, 2011, 133, 19598-19601.	6.6	370
34	Versatile Pd(OTf)₂Â·2H₂O-Catalyzed ortho-Fluorination Using NMP as a Promoter. Journal of the American Chemical Society, 2009, 131, 7520-7521.	6.6	369
35	Bystanding F⁺ Oxidants Enable Selective Reductive Elimination from Highâ€Valent Metal Centers in Catalysis. Angewandte Chemie - International Edition, 2011, 50, 1478-1491.	7.2	366
36	Synthesis of 1,2- and 1,3-Dicarboxylic Acids via Pd(II)-Catalyzed Carboxylation of Aryl and Vinyl Câ€“H Bonds. Journal of the American Chemical Society, 2008, 130, 14082-14083.	6.6	360

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37	Pd(II)-Catalyzed Olefination of sp³ Câ^'H Bonds. Journal of the American Chemical Society, 2010, 132, 3680-3681.	6.6	356
38	Pd(II)-Catalyzed Hydroxyl-Directed Câ^'H Olefination Enabled by Monoprotected Amino Acid Ligands. Journal of the American Chemical Society, 2010, 132, 5916-5921.	6.6	335
39	Pd^{II}â€Catalyzed Monoselective ortho Halogenation of Cï£¿H Bonds Assisted by Counter Cations: A Complementary Method to Directed orthoâ€…Lithiation. Angewandte Chemie - International Edition, 2008, 47, 5215-5219.	7.2	328
40	Pd(II)-Catalyzed Hydroxyl-Directed Câ^'H Activation/Câ^'O Cyclization: Expedient Construction of Dihydrobenzofurans. Journal of the American Chemical Society, 2010, 132, 12203-12205.	6.6	327
41	Pd(II)-Catalyzed Enantioselective Câ€“H Activation/Câ€“O Bond Formation: Synthesis of Chiral Benzofuranones. Journal of the American Chemical Society, 2013, 135, 1236-1239.	6.6	325
42	Palladium-Catalyzed Meta-Selective Câ€“H Bond Activation with a Nitrile-Containing Template: Computational Study on Mechanism and Origins of Selectivity. Journal of the American Chemical Society, 2014, 136, 344-355.	6.6	317
43	Cu(II)-Mediated Câ€“H Amidation and Amination of Arenes: Exceptional Compatibility with Heterocycles. Journal of the American Chemical Society, 2014, 136, 3354-3357.	6.6	313
44	Pd(II)-Catalyzed para-Selective Câ€“H Arylation of Monosubstituted Arenes. Journal of the American Chemical Society, 2011, 133, 13864-13867.	6.6	312
45	Ligand-Promoted C-3 Selective Câ€“H Olefination of Pyridines with Pd Catalysts. Journal of the American Chemical Society, 2011, 133, 6964-6967.	6.6	311
46	Versatile Pd(II)-Catalyzed Câ^'H Activation/Arylâ^'Aryl Coupling of Benzoic and Phenyl Acetic Acids. Journal of the American Chemical Society, 2008, 130, 17676-17677.	6.6	308
47	Evidence That Protons Can Be the Active Catalysts in Lewis Acid Mediated Hetero-Michael Addition Reactions. Chemistry - A European Journal, 2004, 10, 484-493.	1.7	306
48	Ligand-accelerated non-directed Câ€“H functionalization of arenes. Nature, 2017, 551, 489-493.	13.7	306
49	Pd(II)-Catalyzed ortho- or meta-Câ€“H Olefination of Phenol Derivatives. Journal of the American Chemical Society, 2013, 135, 7567-7571.	6.6	305
50	Ïƒ-Chelation-directed Câ€“H functionalizations using Pd(ii) and Cu(ii) catalysts: regioselectivity, stereoselectivity and catalytic turnover. Organic and Biomolecular Chemistry, 2006, 4, 4041-4047.	1.5	301
51	Pd(0)/PR₃-Catalyzed Intermolecular Arylation of sp³ Câ^'H Bonds. Journal of the American Chemical Society, 2009, 131, 9886-9887.	6.6	300
52	Ligand-accelerated enantioselective methylene C(sp ³)â€“H bond activation. Science, 2016, 353, 1023-1027.	6.0	296
53	Synthetic Applications of Pd(II)-Catalyzed Câ^'H Carboxylation and Mechanistic Insights: Expedient Routes to Anthranilic Acids, Oxazolinones, and Quinazolinones. Journal of the American Chemical Society, 2010, 132, 686-693.	6.6	295
54	Pd(II)-Catalyzed meta-Câ€“H Olefination, Arylation, and Acetoxylation of Indolines Using a U-Shaped Template. Journal of the American Chemical Society, 2014, 136, 10807-10813.	6.6	293

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55	Pd(II)-Catalyzed Ortho Trifluoromethylation of Arenes and Insights into the Coordination Mode of Acidic Amide Directing Groups. Journal of the American Chemical Society, 2012, 134, 11948-11951.	6.6	285
56	From Pd(OAc)₂ to Chiral Catalysts: The Discovery and Development of Bifunctional Mono-N-Protected Amino Acid Ligands for Diverse Câ€“H Functionalization Reactions. Accounts of Chemical Research, 2020, 53, 833-851.	7.6	283
57	Pd(II)-Catalyzed Phosphorylation of Aryl Câ€“H Bonds. Journal of the American Chemical Society, 2013, 135, 9322-9325.	6.6	280
58	Overcoming the limitations of directed Câ€“H functionalizations of heterocycles. Nature, 2014, 515, 389-393.	13.7	279
59	Ligand-Enabled Meta-Câ€“H Alkylation and Arylation Using a Modified Norbornene. Journal of the American Chemical Society, 2015, 137, 11574-11577.	6.6	275
60	Enantioselective amine Î±-functionalization via palladium-catalysed Câ€“H arylation of thioamides. Nature Chemistry, 2017, 9, 140-144.	6.6	272
61	Pd(II)-Catalyzed Carbonylation of C(sp³)â^'H Bonds: A New Entry to 1,4-Dicarbonyl Compounds. Journal of the American Chemical Society, 2010, 132, 17378-17380.	6.6	267
62	Role of N-Acyl Amino Acid Ligands in Pd(II)-Catalyzed Remote Câ€“H Activation of Tethered Arenes. Journal of the American Chemical Society, 2014, 136, 894-897.	6.6	263
63	Palladium(II)â€Catalyzed ortho Alkylation of Benzoic Acids with Alkyl Halides. Angewandte Chemie - International Edition, 2009, 48, 6097-6100.	7.2	255
64	Cross-Coupling of Remote meta-Câ€“H Bonds Directed by a U-Shaped Template. Journal of the American Chemical Society, 2013, 135, 18056-18059.	6.6	248
65	Ligand-Promoted C3-Selective Arylation of Pyridines with Pd Catalysts: Gram-Scale Synthesis of (Â±)-Preclamol. Journal of the American Chemical Society, 2011, 133, 19090-19093.	6.6	243
66	Site-Selective C(sp³)â€“H Functionalization of Di-, Tri-, and Tetrapeptides at the N-Terminus. Journal of the American Chemical Society, 2014, 136, 16940-16946.	6.6	240
67	Remote site-selective Câ€“H activation directed by a catalytic bifunctional template. Nature, 2017, 543, 538-542.	13.7	238
68	Achieving Site-Selectivity for Câ€“H Activation Processes Based on Distance and Geometry: A Carpenterâ€™s Approach. Journal of the American Chemical Society, 2020, 142, 10571-10591.	6.6	236
69	Constructing Multiply Substituted Arenes Using Sequential Palladium(II)â€Catalyzed Cï£¿H Olefination. Angewandte Chemie - International Edition, 2010, 49, 6169-6173.	7.2	233
70	Diverse ortho-C(sp²)â€“H Functionalization of Benzaldehydes Using Transient Directing Groups. Journal of the American Chemical Society, 2017, 139, 888-896.	6.6	232
71	Palladium(II)-Catalyzed Enantioselective C(sp³)â€“H Activation Using a Chiral Hydroxamic Acid Ligand. Journal of the American Chemical Society, 2014, 136, 8138-8142.	6.6	231
72	Ligand-Enabled Methylene C(sp³)â€“H Bond Activation with a Pd(II) Catalyst. Journal of the American Chemical Society, 2012, 134, 18570-18572.	6.6	230

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73	Pd⁰/PR₃â€Catalyzed Arylation of Nicotinic and Isonicotinic Acid Derivatives. Angewandte Chemie - International Edition, 2010, 49, 1275-1277.	7.2	224
74	Pd-Catalyzed Enantioselective Câ€“H Iodination: Asymmetric Synthesis of Chiral Diarylmethylamines. Journal of the American Chemical Society, 2013, 135, 16344-16347.	6.6	222
75	Cu(II)-Mediated Ortho Câ€“H Alkynylation of (Hetero)Arenes with Terminal Alkynes. Journal of the American Chemical Society, 2014, 136, 11590-11593.	6.6	220
76	Palladium(II)-Catalyzed Highly Enantioselective Câ€“H Arylation of Cyclopropylmethylamines. Journal of the American Chemical Society, 2015, 137, 2042-2046.	6.6	218
77	Ligand-Promoted Meta-Câ€“H Arylation of Anilines, Phenols, and Heterocycles. Journal of the American Chemical Society, 2016, 138, 9269-9276.	6.6	216
78	Pd-Catalyzed Î³-C(sp³)â€“H Arylation of Free Amines Using a Transient Directing Group. Journal of the American Chemical Society, 2016, 138, 14554-14557.	6.6	215
79	Ligand-enabled cross-coupling of C(sp3)â€“H bonds with arylboron reagents via Pd(II)/Pd(0) catalysis. Nature Chemistry, 2014, 6, 146-150.	6.6	212
80	Ligand-Enabled Î³-Câ€“H Olefination and Carbonylation: Construction of Î²-Quaternary Carbon Centers. Journal of the American Chemical Society, 2014, 136, 5267-5270.	6.6	212
81	Advancing the Logic of Chemical Synthesis: Câˆ’H Activation as Strategic and Tactical Disconnections for Câˆ’C Bond Construction. Angewandte Chemie - International Edition, 2021, 60, 15767-15790.	7.2	208
82	Controlling Pd(iv) reductive elimination pathways enables Pd(ii)-catalysed enantioselective C(sp3)âˆ’H fluorination. Nature Chemistry, 2018, 10, 755-762.	6.6	206
83	Enantioselective remote meta-Câ€“H arylation and alkylation via a chiral transient mediator. Nature, 2018, 558, 581-585.	13.7	204
84	Highly Convergent Total Synthesis of (+)-Lithospermic Acid via a Late-Stage Intermolecular Câˆ’H Olefination. Journal of the American Chemical Society, 2011, 133, 5767-5769.	6.6	201
85	Room-temperature enantioselective Câ€“H iodination via kinetic resolution. Science, 2014, 346, 451-455.	6.0	198
86	Palladium(II)â€Catalyzed Selective Monofluorination of Benzoic Acids Using a Practical Auxiliary: A Weakâ€Coordination Approach. Angewandte Chemie - International Edition, 2011, 50, 9081-9084.	7.2	194
87	Palladium(0)-Catalyzed Alkynylation of C(sp³)â€“H Bonds. Journal of the American Chemical Society, 2013, 135, 3387-3390.	6.6	191
88	Experimentalâ€“Computational Synergy for Selective Pd(II)-Catalyzed Câ€“H Activation of Aryl and Alkyl Groups. Accounts of Chemical Research, 2017, 50, 2853-2860.	7.6	189
89	Hydroxyl-directed Câ€“H carbonylation enabled by mono-N-protected amino acid ligands: An expedient route to 1-isochromanones. Chemical Science, 2011, 2, 967.	3.7	187
90	Pd(II)-Catalyzed Enantioselective C(sp³)â€“H Borylation. Journal of the American Chemical Society, 2017, 139, 3344-3347.	6.6	185

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91	Palladium-Catalyzed Oxidation ofBoc-ProtectedN-Methylamines with IOAc as the Oxidant:â€‰ ABoc-Directed sp3Câ^'H Bond Activation. Organic Letters, 2006, 8, 3387-3390.	2.4	180
92	Ligand-Accelerated Cross-Coupling of C(sp²)â€"H Bonds with Arylboron Reagents. Journal of the American Chemical Society, 2011, 133, 18183-18193.	6.6	172
93	Ligand-Promoted meta-Câ€"H Amination and Alkynylation. Journal of the American Chemical Society, 2016, 138, 14092-14099.	6.6	172
94	Pd-Catalyzed Oxidative ortho-Câ€"H Borylation of Arenes. Journal of the American Chemical Society, 2012, 134, 134-137.	6.6	170
95	Mechanistic Rationalization of Unusual Kinetics in Pd-Catalyzed Câ€"H Olefination. Journal of the American Chemical Society, 2012, 134, 4600-4606.	6.6	169
96	Formation of Î±-chiral centers by asymmetric Î²-C(sp ³)â€"H arylation, alkenylation, and alkynylation. Science, 2017, 355, 499-503.	6.0	169
97	Palladiumâ€Catalyzed orthoâ€Selective Cï£¿H Deuteration of Arenes: Evidence for Superior Reactivity of Weakly Coordinated Palladacycles. Angewandte Chemie - International Edition, 2014, 53, 734-737.	7.2	164
98	Remote Meta-Câ€"H Activation Using a Pyridine-Based Template: Achieving Site-Selectivity via the Recognition of Distance and Geometry. ACS Central Science, 2015, 1, 394-399.	5.3	164
99	Pd(II)-Catalyzed Câ€"H Iodination Using Molecular I₂ as the Sole Oxidant. Journal of the American Chemical Society, 2013, 135, 10326-10329.	6.6	161
100	Exceedingly Fast Copper(II)â€Promoted orthoâ€…Cï£¿H Trifluoromethylation of Arenes using TMSCF₃. Angewandte Chemie - International Edition, 2014, 53, 10439-10442.	7.2	160
101	A Mild, Catalytic, and Highly Selective Method for the Oxidation of Î±,Î²-Enones to 1,4-Enediones. Journal of the American Chemical Society, 2003, 125, 3232-3233.	6.6	159
102	Key Mechanistic Features of Enantioselective Câ€"H Bond Activation Reactions Catalyzed by [(Chiral) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2012, 134, 1690-1698.	6.6	159
103	Cï£¿H Functionalization Logic Enables Synthesis of (+)â€Hongoquercinâ€…A and Related Compounds. Angewandte Chemie - International Edition, 2013, 52, 7317-7320.	7.2	159
104	Overcoming the Limitations of Î³- and Î´-Câ€"H Arylation of Amines through Ligand Development. Journal of the American Chemical Society, 2018, 140, 17884-17894.	6.6	156
105	Heterocycle Formation via Palladium-Catalyzed C-H Functionalization. Synthesis, 2012, 44, 1778-1791.	1.2	154
106	Î±-Arylation of Saturated Azacycles and N-Methylamines via Palladium(II)-Catalyzed C(sp³)â€"H Coupling. Journal of the American Chemical Society, 2015, 137, 11876-11879.	6.6	153
107	Expedient Drug Synthesis and Diversification via ortho-Câ^'H Iodination using Recyclable PdI₂ as the Precatalyst. Organic Letters, 2010, 12, 3140-3143.	2.4	152
108	Ligand-Accelerated ortho-Câ€"H Alkylation of Arylcarboxylic Acids using Alkyl Boron Reagents. Journal of the American Chemical Society, 2013, 135, 17508-17513.	6.6	151

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109	Ligand-Enabled Î²-Câ€“H Arylation of Î±-Amino Acids Using a Simple and Practical Auxiliary. Journal of the American Chemical Society, 2015, 137, 3338-3351.	6.6	147
110	Etherâ€Directed orthoâ€Câ€“H Olefination with a Palladium(II)/Monoprotected Amino Acid Catalyst. Angewandte Chemie - International Edition, 2013, 52, 1245-1247.	7.2	145
111	Ligand-Promoted Alkylation of C(sp³)â€“H and C(sp²)â€“H Bonds. Journal of the American Chemical Society, 2014, 136, 13194-13197.	6.6	145
112	Pd(II)-Catalyzed Enantioselective C(sp³)â€“H Arylation of Free Carboxylic Acids. Journal of the American Chemical Society, 2018, 140, 6545-6549.	6.6	145
113	Pd(II)-Catalyzed Câ€“H Functionalizations Directed by Distal Weakly Coordinating Functional Groups. Journal of the American Chemical Society, 2015, 137, 4391-4397.	6.6	143
114	Sequential Câ€“H Functionalization Reactions for the Enantioselective Synthesis of Highly Functionalized 2,3-Dihydrobenzofurans. Journal of the American Chemical Society, 2013, 135, 6774-6777.	6.6	142
115	Palladium(II)â€Catalyzed Siteâ€Selective C(sp³)âˆ’H Alkynylation of Oligopeptides: A Linchpin Approach for Oligopeptideâ€“Drug Conjugation. Angewandte Chemie - International Edition, 2017, 56, 10924-10927.	7.2	142
116	Crossâ€Coupling of C(sp³)â€“H Bonds with Organometallic Reagents via Pd(II)/Pd(0) Catalysis. Israel Journal of Chemistry, 2010, 50, 605-616.	1.0	141
117	Pd(II)-Catalyzed o-Câˆ’H Acetoxylation of Phenylalanine and Ephedrine Derivatives with MeCOOO^tBu/Ac₂O. Organic Letters, 2010, 12, 2511-2513.	2.4	141
118	Ligand-Enabled Stereoselective Î²-C(sp³)â€“H Fluorination: Synthesis of Unnatural Enantiopure anti-Î²-Fluoro-Î±-amino Acids. Journal of the American Chemical Society, 2015, 137, 7067-7070.	6.6	137
119	Eine einfache und vielseitige dirigierende Amidgruppe zur Funktionalisierung von Câ€Hâ€Bindungen. Angewandte Chemie, 2016, 128, 10734-10756.	1.6	135
120	Recyclable Polyurea-Microencapsulated Pd(0) Nanoparticles:â€‰ An Efficient Catalyst for Hydrogenolysis of Epoxides. Organic Letters, 2003, 5, 4665-4668.	2.4	132
121	Ru(II)-Catalyzed ortho-Câ€“H Amination of Arenes and Heteroarenes at Room Temperature. Organic Letters, 2013, 15, 5286-5289.	2.4	131
122	Diverse Pathways for the Palladium(II)-Mediated Oxidation of Olefins by tert-Butylhydroperoxide. Organic Letters, 2002, 4, 2727-2730.	2.4	129
123	Dehydrogenation of Inert Alkyl Groups via Remote Câˆ’H Activation: Converting a Propyl Group into a Ï€-Allylic Complex. Organometallics, 2008, 27, 1667-1670.	1.1	129
124	Practical Pd(II)-Catalyzed Câ€“H Alkylation with Epoxides: One-Step Syntheses of 3,4-Dihydroisocoumarins. Journal of the American Chemical Society, 2015, 137, 10950-10953.	6.6	127
125	Rh(III)-Catalyzed meta-Câ€“H Olefination Directed by a Nitrile Template. Journal of the American Chemical Society, 2017, 139, 2200-2203.	6.6	126
126	Ligand-Enabled Î³-C(sp³)â€“H Activation of Ketones. Journal of the American Chemical Society, 2018, 140, 3564-3568.	6.6	126

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127	Pd^{II}â€Catalyzed Enantioselective C(sp³)â^'H Activation/Crossâ€Coupling Reactions of Free Carboxylic Acids. Angewandte Chemie - International Edition, 2019, 58, 2134-2138.	7.2	124
128	Remote metaâ€Cï£¿H Olefination of Phenylacetic Acids Directed by a Versatile Uâ€Shaped Template. Angewandte Chemie - International Edition, 2015, 54, 888-891.	7.2	123
129	Ligand-Enabled Î³-C(sp³)â€“H Olefination of Amines: En Route to Pyrrolidines. Journal of the American Chemical Society, 2016, 138, 2055-2059.	6.6	123
130	Synthesis of Indolines via Pd(II)-Catalyzed Amination of Câ€“H Bonds Using PhI(OAc)₂ as the Bystanding Oxidant. Organic Letters, 2013, 15, 3058-3061.	2.4	120
131	Ligandâ€Enabled Î²â€Câ€“H Arylation of Î±â€Amino Acids Without Installing Exogenous Directing Groups. Angewandte Chemie - International Edition, 2017, 56, 1506-1509.	7.2	120
132	Cu(OAc)₂-Catalyzed Coupling of Aromatic Câ€“H Bonds with Arylboron Reagents. Organic Letters, 2014, 16, 5666-5669.	2.4	119
133	Ligandâ€Promoted Borylation of C(sp³)ï£¿H Bonds with Palladium(II) Catalysts. Angewandte Chemie - International Edition, 2016, 55, 785-789.	7.2	119
134	Understanding Reactivity and Stereoselectivity in Palladium-Catalyzed Diastereoselective sp³ Câ€“H Bond Activation: Intermediate Characterization and Computational Studies. Journal of the American Chemical Society, 2012, 134, 14118-14126.	6.6	115
135	Î³,Î´-C(sp³)â€“H Functionalization through Directed Radical H-Abstraction. Journal of the American Chemical Society, 2015, 137, 5871-5874.	6.6	115
136	Ligandâ€Enabled Triple Cï£¿H Activation Reactions: Oneâ€Pot Synthesis of Diverse 4â€Arylâ€2â€quinolinones from Propionamides. Angewandte Chemie - International Edition, 2014, 53, 6692-6695.	7.2	111
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