

Chao Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3603244/publications.pdf>

Version: 2024-02-01

123
papers

11,599
citations

26630

56
h-index

28297

105
g-index

192
all docs

192
docs citations

192
times ranked

7654
citing authors

#	ARTICLE	IF	CITATIONS
1	A pulp foam with highly improved physical strength, fire-resistance and antibiosis by incorporation of chitosan and CPAM. <i>Carbohydrate Polymers</i> , 2022, 278, 118963.	10.2	23
2	Momentary click nitrile synthesis enabled by an aminoazanium reagent. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3420-3427.	4.5	5
3	Recent Advance of Ketones Synthesis from Carboxylic Esters. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 1626.	1.3	0
4	Recent advances in the synthesis and transformation of <i>gem</i> -borylsilylalkanes. <i>New Journal of Chemistry</i> , 2021, 45, 14847-14854.	2.8	13
5	Synthesis of Allylboronates via Zweifel-type Deprotonative Olefination. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 2403-2407.	4.3	5
6	Aminoazanium of DABCO: An Amination Reagent for Alkyl and Aryl Pinacol Boronates. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2745-2749.	13.8	53
7	Hetero diacylation of 1,1-diborylalkanes: Practical synthesis of 1,3-diketones. <i>Chinese Chemical Letters</i> , 2020, 31, 1911-1913.	9.0	9
8	Aminoazanium of DABCO: An Amination Reagent for Alkyl and Aryl Pinacol Boronates. <i>Angewandte Chemie</i> , 2020, 132, 2767-2771.	2.0	14
9	Chemodivergent transformations of amides using <i>gem</i> -diborylalkanes as pro-nucleophiles. <i>Nature Communications</i> , 2020, 11, 3113.	12.8	44
10	Stereoselective Synthesis of Trisubstituted Vinylboronates from Ketone Enolates Triggered by 1,3-Metalate Rearrangement of Lithium Enolates. <i>Angewandte Chemie</i> , 2019, 131, 15960-15965.	2.0	10
11	Stereoselective Synthesis of Trisubstituted Vinylboronates from Ketone Enolates Triggered by 1,3-Metalate Rearrangement of Lithium Enolates. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15813-15818.	13.8	38
12	δ -H borylation of secondary alcohols via Ru/Fe relay catalysis: building a platform for alcoholic C-H/C=O functionalizations. <i>Chemical Communications</i> , 2019, 55, 11884-11887.	4.1	18
13	Cooperation between an alcoholic proton and boryl species in the catalytic <i>gem</i> -hydrodiborylation of carboxylic esters to access 1,1-diborylalkanes. <i>Organic Chemistry Frontiers</i> , 2019, 6, 900-907.	4.5	30
14	Recent advances in the borylative transformation of carbonyl and carboxyl compounds. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6099-6113.	2.8	37
15	Reply to Correspondence on α -Carbon-Centered Radical Addition to O=C of Amides or Esters as a Route to C-O Bond Formations. <i>Chemistry - A European Journal</i> , 2019, 25, 7768-7770.	3.3	3
16	Deoxygenative Transformation of Carbonyl and Carboxyl Compounds Using <i>gem</i> -Diborylalkanes. <i>Synlett</i> , 2019, 30, 1105-1110.	1.8	6
17	Iron-Catalyzed Deoxygenative Diborylation of Ketones to Internal <i>gem</i> -Diboronates. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 3438.	1.3	19
18	Fluoride-Catalyzed Esterification of Amides. <i>Chemistry - A European Journal</i> , 2018, 24, 3444-3447.	3.3	67

#	ARTICLE	IF	CITATIONS
19	Concise synthesis of ketoallyl sulfones through an iron-catalyzed sequential four-component assembly. <i>Green Chemistry</i> , 2018, 20, 973-977.	9.0	29
20	Dual Functionalization of $\hat{I}\hat{\alpha}$ -Monoboryl Carbanions through Deoxygenative Enolization with Carboxylic Acids. <i>Angewandte Chemie</i> , 2018, 130, 5599-5603.	2.0	25
21	Dual Functionalization of $\hat{I}\hat{\alpha}$ -Monoboryl Carbanions through Deoxygenative Enolization with Carboxylic Acids. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5501-5505.	13.8	67
22	Recent advances in mechanochemical C-H functionalization reactions. <i>Tetrahedron Letters</i> , 2018, 59, 317-324.	1.4	49
23	Visible Light-Induced Radical Cyclization of Tertiary Bromides with Isonitriles To Construct Trifluoromethylated Quaternary Carbon Center. <i>Journal of Organic Chemistry</i> , 2018, 83, 14588-14599.	3.2	11
24	Synthesis of Secondary and Tertiary Alkyl Boronic Esters by <i>gem</i> -Carboborylation: Carbonyl Compounds as Bis(electrophile) Equivalents. <i>Angewandte Chemie</i> , 2018, 130, 10475-10479.	2.0	15
25	Cu-catalyzed deoxygenative <i>gem</i> -hydroborylation of aromatic aldehydes and ketones to access benzylboronic esters. <i>Chinese Journal of Catalysis</i> , 2018, 39, 1725-1729.	14.0	23
26	A Four-Component Reaction for the Synthesis of \hat{I}^2 -Quinoline Allylic Sulfones under Iron Catalysis. <i>Journal of Organic Chemistry</i> , 2018, 83, 10420-10429.	3.2	37
27	Synthesis of acridones through palladium-catalyzed carbonylative of 2-bromo-diarylamines. <i>Tetrahedron Letters</i> , 2018, 59, 2889-2892.	1.4	6
28	Synthesis of Secondary and Tertiary Alkyl Boronic Esters by <i>gem</i> -Carboborylation: Carbonyl Compounds as Bis(electrophile) Equivalents. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10318-10322.	13.8	44
29	Palladium-catalyzed aerobic (1+2) annulation of Csp ³ -H bonds with olefin for the synthesis of 3-azabicyclo[3.1.0]hex-2-ene. <i>Chemical Communications</i> , 2017, 53, 2294-2297.	4.1	14
30	Nitrogen-doped graphene hydrogel-supported NiPt-CeO _x nanocomposites and their superior catalysis for hydrogen generation from hydrazine at room temperature. <i>Nano Research</i> , 2017, 10, 2856-2865.	10.4	43
31	C=O Functionalization of $\hat{I}\hat{\alpha}$ -Oxyboronates: A Deoxygenative <i>gem</i> -Diborylation and <i>gem</i> -Silylborylation of Aldehydes and Ketones. <i>Journal of the American Chemical Society</i> , 2017, 139, 5257-5264.	13.7	142
32	Computational Investigation of the Role Played by Rhodium(V) in the Rhodium(III)-Catalyzed <i>ortho</i> -Bromination of Arenes. <i>Chemistry - A European Journal</i> , 2017, 23, 2690-2699.	3.3	32
33	Cuboid Ni ₂ P as a Bifunctional Catalyst for Efficient Hydrogen Generation from Hydrolysis of Ammonia Borane and Electrocatalytic Hydrogen Evolution. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2967-2972.	3.3	21
34	Double Carbonylation Using Glyoxal (HCOCOH): A Practical Copper-Promoted Synthesis of Isatins from Primary and Secondary Anilines. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3484-3489.	4.3	7
35	Solvent-Enabled Radical Selectivities: Controlled Syntheses of Sulfoxides and Sulfides. <i>Angewandte Chemie</i> , 2016, 128, 1106-1109.	2.0	25
36	Silver-Catalyzed Decarboxylative Allylation of Aliphatic Carboxylic Acids in Aqueous Solution. <i>Organic Letters</i> , 2016, 18, 2188-2191.	4.6	76

#	ARTICLE	IF	CITATIONS
37	Efficient palladium-catalyzed C(sp ²)-H activation towards the synthesis of fluorenes. <i>New Journal of Chemistry</i> , 2016, 40, 9030-9033.	2.8	19
38	Oxidative C(sp ³)-H Functionalization of <i>t</i> -BuOH: A Selective Radical/Radical Cross-Coupling Access to β -Hydroxy Thioethers. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2246-2249.	3.3	6
39	Dioxygen-induced oxidative activation of a C-H bond: radical oxyphosphorylation of alkenes and alkynes toward β -oxy phosphonates. <i>Chemical Communications</i> , 2016, 52, 12338-12341.	4.1	59
40	Solvent-Enabled Radical Selectivities: Controlled Syntheses of Sulfoxides and Sulfides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1094-1097.	13.8	145
41	Halogen-Adjusted Chemoselective Synthesis of Fluorene Derivatives with Position-Controlled Substituents. <i>Chemistry - an Asian Journal</i> , 2016, 11, 211-215.	3.3	13
42	Acid-Promoted Cross-Dehydrative Aromatization for the Synthesis of Tetraaryl-Substituted Pyrroles. <i>Organic Letters</i> , 2016, 18, 56-59.	4.6	35
43	Tuning the Reactivity of Radical through a Triplet Diradical Cu(II) Intermediate in Radical Oxidative Cross-Coupling. <i>Scientific Reports</i> , 2015, 5, 15934.	3.3	34
44	Carbon-Centered Radical Addition to C=X Bonds for C-X Bond Formation. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2040-2054.	3.3	47
45	O ₂ -mediated C(sp ²)-X bond oxygenation: autoxidative carbon-heteroatom bond formation using activated alkenes as a linkage. <i>RSC Advances</i> , 2015, 5, 24494-24498.	3.6	37
46	NMP and O ₂ as Radical Initiator: Trifluoromethylation of Alkenes to Tertiary β -Trifluoromethyl Alcohols at Room Temperature. <i>Organic Letters</i> , 2015, 17, 6034-6037.	4.6	72
47	Olefinic C-H functionalization through radical alkenylation. <i>Chemical Society Reviews</i> , 2015, 44, 1070-1082.	38.1	301
48	Nickel-Catalyzed Selective Oxidative Radical Cross-Coupling: An Effective Strategy for Inert C(sp ³)-H Functionalization. <i>Organic Letters</i> , 2015, 17, 998-1001.	4.6	76
49	Silver-Catalyzed Decarboxylative Radical Azidation of Aliphatic Carboxylic Acids in Aqueous Solution. <i>Journal of the American Chemical Society</i> , 2015, 137, 9820-9823.	13.7	199
50	Stable isotope labeling assisted liquid chromatography-electrospray tandem mass spectrometry for quantitative analysis of endogenous gibberellins. <i>Talanta</i> , 2015, 144, 341-348.	5.5	54
51	External Oxidant-Free Oxidative Cross-Coupling: A Photoredox Cobalt-Catalyzed Aromatic C-H Thiolation for Constructing C-S Bonds. <i>Journal of the American Chemical Society</i> , 2015, 137, 9273-9280.	13.7	323
52	Copper-/Cobalt-Catalyzed Highly Selective Radical Dioxygenation of Alkenes. <i>Organic Letters</i> , 2015, 17, 3402-3405.	4.6	50
53	Synthesis of Fluoren-9-ones and Ladder-Type Oligo- <i>p</i> -phenylene Cores via Pd-Catalyzed Carbonylative Multiple C-C Bond Formation. <i>Organic Letters</i> , 2015, 17, 2106-2109.	4.6	43
54	Dinuclear versus mononuclear pathways in zinc mediated nucleophilic addition: a combined experimental and DFT study. <i>Dalton Transactions</i> , 2015, 44, 11165-11171.	3.3	26

#	ARTICLE	IF	CITATIONS
55	Oxidative cross C-H/S-H coupling: selective synthesis of unsymmetrical aryl tert-alkyl disulfanes. <i>Organic Chemistry Frontiers</i> , 2015, 2, 677-680.	4.5	49
56	Iodine-catalyzed C-H/S-H oxidative coupling: from 1,3-diketones and thiophenols to 1,2-dicarbonyl thioethers. <i>RSC Advances</i> , 2015, 5, 41493-41496.	3.6	37
57	Autoinductive thiolation/oxygenation of alkenes at room temperature. <i>Organic Chemistry Frontiers</i> , 2015, 2, 908-912.	4.5	38
58	A facile access for the C-N bond formation by transition metal-free oxidative coupling of benzylic C-H bonds and amides. <i>Science China Chemistry</i> , 2015, 58, 1323-1328.	8.2	18
59	Copper-catalyzed Radical/Radical C-H/P-H Cross-Coupling: α -Phosphorylation of Aryl Ketone α -Acetyloximes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6604-6607.	13.8	223
60	Silver Migration Facilitates Isocyanide-Alkyne [3 + 2] Cycloaddition Reactions: Combined Experimental and Theoretical Study. <i>ACS Catalysis</i> , 2015, 5, 6640-6647.	11.2	66
61	Copper-catalyzed aerobic oxidative coupling: From ketone and diamine to pyrazine. <i>Science Advances</i> , 2015, 1, e1500656.	10.3	24
62	Oxidative Coupling between Two Hydrocarbons: An Update of Recent C-H Functionalizations. <i>Chemical Reviews</i> , 2015, 115, 12138-12204.	47.7	926
63	Aerobic C-N bond activation: a simple strategy to construct pyridines and quinolines. <i>Chemical Communications</i> , 2015, 51, 2286-2289.	4.1	60
64	From Anilines to Isatins: Oxidative Palladium-catalyzed Double Carbonylation of C-H Bonds. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1893-1896.	13.8	109
65	Copper-catalyzed oxidative alkenylation of thioethers via C ³ -H functionalization. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2264-2266.	2.8	28
66	Chloroacetate-promoted Selective Oxidation of Heterobenzylic Methylene under Copper Catalysis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1261-1265.	13.8	124
67	Revealing the Ligand Effect on Copper(I) Disproportionation via Operando IR Spectra. <i>Organometallics</i> , 2015, 34, 206-211.	2.3	30
68	Bimetallic zinc complex as active species in coupling of terminal alkynes with aldehydes via nucleophilic addition/Oppenauer oxidation. <i>Chemical Communications</i> , 2015, 51, 576-579.	4.1	39
69	Construction of N-containing heterocycles via oxidative intramolecular N-H/X-H coupling. <i>Chemical Communications</i> , 2015, 51, 1394-1409.	4.1	109
70	Revealing the halide effect on the kinetics of the aerobic oxidation of Cu(I) to Cu(II). <i>Chemical Communications</i> , 2015, 51, 318-321.	4.1	21
71	Preparation of Durable Emitter of Electrospray Mass Spectrometry by Covalently Coating the Fused-Silica Capillary Tip with Carbon-Nanotube Sol-Gel Composite Material. <i>Chinese Journal of Chemistry</i> , 2014, 32, 293-297.	4.9	3
72	Trisulfur Radical Anion as the Key Intermediate for the Synthesis of Thiophene via the Interaction between Elemental Sulfur and NaO <i>t</i> Bu. <i>Organic Letters</i> , 2014, 16, 6156-6159.	4.6	147

#	ARTICLE	IF	CITATIONS
73	CO/Câ€H as an Acylating Reagent: A Palladiumâ€Catalyzed Aerobic Oxidative Carbonylative Esterification of Alcohols. <i>Angewandte Chemie</i> , 2014, 126, 5763-5767.	2.0	10
74	Revealing the metal-like behavior of iodine: an iodide-catalysed radical oxidative alkenylation. <i>Chemical Communications</i> , 2014, 50, 4496-4499.	4.1	209
75	Copper-catalysed oxidative Câ€H/Câ€H coupling between olefins and simple ethers. <i>Chemical Communications</i> , 2014, 50, 3623.	4.1	162
76	CO/Câ€H as an Acylating Reagent: A Palladiumâ€Catalyzed Aerobic Oxidative Carbonylative Esterification of Alcohols. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5657-5661.	13.8	61
77	Palladiumâ€Catalyzed Oxidative Carbonylation of <i>N</i> -Allyl amines for the Synthesis of Î²-Lactams. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2443-2446.	13.8	133
78	Palladium catalysed Î²-selective oxidative Heck reaction of an electron-rich olefin. <i>Chemical Communications</i> , 2014, 50, 1110-1112.	4.1	31
79	Transition-metal-free, room-temperature radical azidofluorination of unactivated alkenes in aqueous solution. <i>Organic Chemistry Frontiers</i> , 2014, 1, 100-104.	4.5	86
80	Carbonâ€Centered Radical Addition to Oï¼C of Amides or Esters as a Route to Cï¼O Bond Formations. <i>Chemistry - A European Journal</i> , 2014, 20, 15605-15610.	3.3	56
81	Cu(II)â€Cu(I) Synergistic Cooperation to Lead the Alkyne Câ€H Activation. <i>Journal of the American Chemical Society</i> , 2014, 136, 16760-16763.	13.7	97
82	Recent Advances of Transition-Metal Catalyzed Radical Oxidative Cross-Couplings. <i>Accounts of Chemical Research</i> , 2014, 47, 3459-3470.	15.6	324
83	Direct oxidative esterification of alcohols. <i>Dalton Transactions</i> , 2014, 43, 13460-13470.	3.3	95
84	Transmetalation of Ar ¹ ZnX with [Ar ² â€Pdâ€X] is the rate-limiting step: kinetic insights from a live Pd-catalyzed Negishi coupling. <i>Organic Chemistry Frontiers</i> , 2014, 1, 50-53.	4.5	19
85	Highly efficient Câ€C cross-coupling for installing thiophene rings into Î-conjugated systems. <i>Organic Chemistry Frontiers</i> , 2014, 1, 817-820.	4.5	15
86	Fe-Catalysed oxidative Câ€H/Nâ€H coupling between aldehydes and simple amides. <i>Chemical Communications</i> , 2014, 50, 4736.	4.1	66
87	Copper-catalysed oxidative C ^{sp3} â€H methylenation to terminal olefins using DMF. <i>Chemical Communications</i> , 2014, 50, 7636-7638.	4.1	61
88	Synergistic Pd/Enamine Catalysis: A Strategy for the Câ€H/Câ€H Oxidative Coupling of Allylarenes with Unactivated Ketones. <i>Organic Letters</i> , 2014, 16, 3584-3587.	4.6	68
89	I ₂ -catalyzed oxidative C(sp ³)â€H/Sâ€H coupling: utilizing alkanes and mercaptans as the nucleophiles. <i>Chemical Communications</i> , 2014, 50, 14386-14389.	4.1	76
90	Copperâ€Catalyzed Trifluoromethylationâ€Initiated Radical Oxidative Annulation toward Oxindoles. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 273-276.	2.7	38

#	ARTICLE	IF	CITATIONS
91	Transition-Metal-Assisted Radical/Radical Cross-Coupling: A New Strategy to the Oxidative C(sp ³)-H/N-H Cross-Coupling. <i>Organic Letters</i> , 2014, 16, 3404-3407.	4.6	152
92	Nickel-catalyzed oxidative cross-coupling of arylboronic acids with olefins. <i>Pure and Applied Chemistry</i> , 2014, 86, 321-328.	1.9	19
93	Trifluoromethanesulfonic Acid Catalyzed Synergetic Oxidative/[3+2] Cyclization of Quinones with Olefins. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10195-10198.	13.8	31
94	Easy access to enamides: a mild nickel-catalysed alkene isomerization of allylamides. <i>Chemical Communications</i> , 2013, 49, 7923.	4.1	48
95	Nickel-Catalyzed Aromatic C-H Alkylation with Secondary or Tertiary Alkyl-Bromine Bonds for the Construction of Indolones. <i>Organic Letters</i> , 2013, 15, 6166-6169.	4.6	83
96	Palladium/Copper-Catalyzed Oxidative C-H Alkenylation/N-Dealkylative Carbonylation of Tertiary Anilines. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10582-10585.	13.8	119
97	Nickel-catalysed novel β,γ -unsaturated nitrile synthesis. <i>Chemical Communications</i> , 2013, 49, 2442.	4.1	44
98	Copper-Catalyzed Oxidative Coupling of Alkenes with Aldehydes: Direct Access to α,β -Unsaturated Ketones. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2256-2259.	13.8	195
99	Direct Functionalization of Tetrahydrofuran and 1,4-Dioxane: Nickel-Catalyzed Oxidative C(sp ³)-H Arylation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4453-4456.	13.8	267
100	Oxidant controlled Pd-catalysed selective oxidation of primary alcohols. <i>Chemical Communications</i> , 2013, 49, 1324.	4.1	67
101	Transition-metal-free aerobic oxidation of primary alcohols to carboxylic acids. <i>New Journal of Chemistry</i> , 2013, 37, 1700.	2.8	38
102	Enzyme Inhibitor Screening by CE with an On-Column Immobilized Enzyme Microreactor Created by an Ionic Binding Technique. <i>Methods in Molecular Biology</i> , 2013, 984, 321-327.	0.9	3
103	Palladium-catalysed aerobic oxidative Heck-type alkenylation of C(sp ³)-H for pyrrole synthesis. <i>Chemical Communications</i> , 2013, 49, 5853.	4.1	65
104	Palladium-Catalyzed Direct Arylation of C-H Bond To Construct Quaternary Carbon Centers: The Synthesis of Diarylfluorene. <i>Organic Letters</i> , 2013, 15, 3102-3105.	4.6	28
105	Drug Target Identification Using Affinity Core-Shell Magnetic Nanoparticles and Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , 2013, 31, 715-720.	4.9	6
106	Trifluoromethanesulfonic Acid Catalyzed Synergetic Oxidative/[3+2] Cyclization of Quinones with Olefins. <i>Angewandte Chemie</i> , 2013, 125, 10385-10388.	2.0	9
107	Nickel-Catalyzed Heck-Type Alkenylation of Secondary and Tertiary α -Carbonyl Alkyl Bromides. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3638-3641.	13.8	178
108	Palladium-Catalyzed Oxidative Double C-H Functionalization/Carbonylation for the Synthesis of Xanthenes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5204-5207.	13.8	146

#	ARTICLE	IF	CITATIONS
109	Covalently Bound Benzyl Ligand Promotes Selective Palladium-Catalyzed Oxidative Esterification of Aldehydes with Alcohols. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5662-5666.	13.8	113
110	Improved capillary electrophoresis frontal analysis by dynamically coating the capillary with polyelectrolyte multilayers. <i>Journal of Chromatography A</i> , 2012, 1238, 146-151.	3.7	28
111	Novel α -arylnitriles synthesis via Ni-catalyzed cross-coupling of α -bromonitriles with arylboronic acids under mild conditions. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5343.	2.8	23
112	Bond Formations between Two Nucleophiles: Transition Metal Catalyzed Oxidative Cross-Coupling Reactions. <i>Chemical Reviews</i> , 2011, 111, 1780-1824.	47.7	1,767
113	Transition-metal catalyzed oxidative cross-coupling reactions to form C-C bonds involving organometallic reagents as nucleophiles. <i>Chemical Society Reviews</i> , 2011, 40, 2761.	38.1	425
114	Palladium-Catalyzed Aerobic Oxidative Direct Esterification of Alcohols. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5144-5148.	13.8	214
115	Palladium-Catalyzed C-C Bond Formation To Construct 1,4-Diketones under Mild Conditions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7337-7341.	13.8	66
116	Palladium-Catalyzed Regioselective Aerobic Oxidative C-H/Ni-H Carbonylation of Heteroarenes under Base-Free Conditions. <i>Chemistry - A European Journal</i> , 2011, 17, 9581-9585.	3.3	108
117	Application of the EKE and LSE-UI Based Substructure Approach for Damage Detection with Limited Output Measurements. <i>Advanced Materials Research</i> , 2011, 255-260, 4171-4175.	0.3	0
118	Transition-Metal-Catalyzed Oxidative Cross-Coupling Reactions. <i>Synlett</i> , 2010, 2010, 2527-2536.	1.8	12
119	Arylation of unactivated arenes. <i>Dalton Transactions</i> , 2010, 39, 10352.	3.3	109
120	Revelation of the Difference between Arylzinc Reagents Prepared from Aryl Grignard and Aryllithium Reagents Respectively: Kinetic and Structural Features. <i>Journal of the American Chemical Society</i> , 2009, 131, 16656-16657.	13.7	77
121	Aryl Halide Tolerated Electrophilic Amination of Arylboronic Acids with α -Chloroamides Catalyzed by CuCl at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6414-6417.	13.8	128
122	Alkynylation of α -halocarbonyl compounds—a Stille-type cross-coupling for the formation of C(sp)-C(sp ³) bonds under neutral conditions. <i>Chemical Communications</i> , 2007, , 2342-2344.	4.1	29
123	Ni-Catalyzed Mild Arylation of α -Halocarbonyl Compounds with Arylboronic Acids. <i>Organic Letters</i> , 2007, 9, 5601-5604.	4.6	102