

Naoto Chatani

List of Publications by Year in descending order

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281
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28,135
citations

3726

89
h-index

6465

157
g-index

320
all docs

320
docs citations

320
times ranked

9850
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#	ARTICLE	IF	CITATIONS
1	Palladium-Catalyzed Site-Selective [5 + 1] Annulation of Aromatic Amides with Alkenes: Acceleration of I^2 -Hydride Elimination by Maleic Anhydride from Palladacycle. <i>ACS Catalysis</i> , 2022, 12, 1595-1600.	5.5	5
2	Rh(scpi)-catalysed imine-directed C-H functionalization via the oxidative [3 + 2] cycloaddition of benzylamine derivatives with maleimides. <i>Chemical Communications</i> , 2022, 58, 1123-1126.	2.2	9
3	Palladium-catalyzed synthesis of nitriles from N -phthaloyl hydrazones. <i>Chemical Communications</i> , 2022, 58, 3799-3802.	2.2	4
4	Nickel-catalyzed C-F/N-H Alkyne Annulation of Anilines: The Synthesis of Indole Derivatives via C-F Bond Activation. <i>Chemistry Letters</i> , 2022, 51, 546-548.	0.7	1
5	Rhodium(III)-Catalyzed Oxidative C-H Alkylation of Aniline Derivatives with Allylic Alcohols To Produce I^2 -Aryl Ketones. <i>ACS Catalysis</i> , 2022, 12, 4394-4401.	5.5	13
6	Double 1,2-Migration of Bromine and Silicon in Directed C-H Alkynylation Reactions with Silyl-Substituted Alkynyl Bromides through an Iridium Vinylidene Intermediate. <i>Organometallics</i> , 2022, 41, 20-28.	1.1	2
7	Reaction Path Determination of Rhodium(I)-Catalyzed C-H Alkylation of N -8-Aminoquinoliny Aromatic Amides with Maleimides. <i>Journal of Organic Chemistry</i> , 2022, 87, 737-743.	1.7	5
8	Origin of the Enhanced Reactivity in the ortho -C-H Borylation of Benzaldehydes with BBr_3 . <i>Organic Letters</i> , 2022, 24, 213-217.	2.4	7
9	Carboxylate-Assisted Iridium (III)-Catalyzed $\text{C}(\text{sp}^2)$ -H Amidation of 2-Aroylimidazoles With Dioxazolones. <i>Journal of Organic Chemistry</i> , 2022, 87, 8183-8193.	1.7	8
10	Selective Nickel-Catalyzed Hydrodefluorination of Amides Using Sodium Borohydride. <i>Journal of Organic Chemistry</i> , 2022, 87, 9969-9976.	1.7	4
11	Palladium-Catalyzed Site-Selective [3+2] Annulation via Benzylic and meta C-H Bond Activation. <i>Angewandte Chemie</i> , 2021, 133, 5249-5252.	1.6	7
12	Strategic evolution in transition metal-catalyzed directed C-H bond activation and future directions. <i>Coordination Chemistry Reviews</i> , 2021, 431, 213683.	9.5	170
13	Palladium-Catalyzed Site-Selective [3+2] Annulation via Benzylic and meta -C-H Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5189-5192.	7.2	37
14	Nickel-catalyzed C=O/N-H, C=S/N-H, and C=CN/N-H annulation of aromatic amides with alkynes: C=O, C=S, and C=CN activation. <i>Chemical Science</i> , 2021, 12, 1772-1777.	3.7	26
15	$\text{Co}_2(\text{CO})_8$ -Catalyzed Reactions of Acetals or Lactones with Hydrosilanes and Carbon Monoxide. A New Access to the Preparation of 1,2-Diol Derivatives through Siloxymethylation. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 81-90.	2.0	1
16	Pyrimidine-directed metal-free C-H borylation of 2-pyrimidylanilines: a useful process for tetra-coordinated triarylborane synthesis. <i>Chemical Science</i> , 2021, 12, 11447-11454.	3.7	22
17	Transient Imine as a Directing Group for the Metal-Free ortho -C-H Borylation of Benzaldehydes. <i>Journal of the American Chemical Society</i> , 2021, 143, 2920-2929.	6.6	42
18	Effect of Sulfonamide and Carboxamide Ligands on the Structural Diversity of Bimetallic $\text{Rh}^{\text{II}}/\text{Rh}^{\text{II}}$ Cores: Exploring the Catalytic Activity of These Newly Synthesized Rh_2 Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 3534-3538.	1.9	9

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19	Nickel-catalyzed C–O/O–H Annulation of Salicylate Esters with Alkynes: Activation of C–O Bond in Esters. <i>Chemistry Letters</i> , 2021, 50, 510-512.	0.7	3
20	Ruthenium(II)-catalyzed Arylation of <i>ortho</i> -C–H Bonds in 2-Aroyl-imidazoles with Aryl Halides. <i>Chemistry Letters</i> , 2021, 50, 589-592.	0.7	6
21	Nickel-Catalyzed Cross-Electrophile Coupling between C(sp ²)–F and C(sp ²)–Cl Bonds by the Reaction of <i>ortho</i> -Fluoro-Aromatic Amides with Aryl Chlorides. <i>ACS Catalysis</i> , 2021, 11, 4644-4649.	5.5	33
22	Mechanism and Origins of Regiochemical Control in Rh(III)-Catalyzed Oxidative C–H Alkenylation and Coupling Sequence of Unprotected 1-Naphthylamines with $\hat{1},\hat{2}$ -Unsaturated Esters. <i>Organometallics</i> , 2021, 40, 1371-1378.	1.1	4
23	Iridium(III)-Catalyzed Branch-Selective C–H Alkenylation of Aniline Derivatives with Alkenes. <i>ACS Catalysis</i> , 2021, 11, 5463-5471.	5.5	20
24	Rh(II)-Catalyzed C–H Alkylation of Benzylamines with Unactivated Alkenes: The Influence of Acid on Linear and Branch Selectivity. <i>Organic Letters</i> , 2021, 23, 4273-4278.	2.4	10
25	C–H activation. <i>Nature Reviews Methods Primers</i> , 2021, 1, .	11.8	277
26	Iridium(III)-Catalyzed Direct Intermolecular Chemoselective $\hat{1},\hat{2}$ -Amidation of Masked Aliphatic Carboxylic Acids with Dioxazolones via Nitrene Transfer. <i>ACS Catalysis</i> , 2021, 11, 7126-7131.	5.5	17
27	Nickel–Catalyzed <i>Suzuki–Miyaura</i> Cross–Coupling Involving C–O Bond Activation. <i>Helvetica Chimica Acta</i> , 2021, 104, e2100089.	1.0	3
28	Nickel-catalyzed C-F/O-H [4+2] Annulation of <i>ortho</i> -Fluoro Aromatic Carboxylic Acids with Alkynes. <i>Chemistry Letters</i> , 2021, 50, 1990-1992.	0.7	4
29	Synthesis of $\hat{1},\hat{2}$ -Amino Acid Derivatives through the Iridium-catalyzed $\hat{1},\hat{2}$ -C-H Amidation of 2-Acylimidazoles with Dioxazolones under Continuous-flow. <i>Chemistry Letters</i> , 2021, 50, 1722-1724.	0.7	1
30	Rh(III)-Catalyzed [3 + 2] Annulation of Aniline Derivatives with Vinylsilanes <i>via</i> C–H Activation/Alkene Cyclization: Access to Highly Regioselective Indoline Derivatives. <i>ACS Catalysis</i> , 2021, 11, 12375-12383.	5.5	10
31	Rh(i)- and Rh(ii)-catalyzed C–H alkylation of benzylamines with alkenes and its application in flow chemistry. <i>Chemical Science</i> , 2021, 12, 3202-3209.	3.7	12
32	Nickel-catalyzed Suzuki–Miyaura cross-coupling of C–F bonds. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3783-3787.	2.3	14
33	Palladium-catalyzed 1,1-alkynylbromination of alkenes with alkynyl bromides. <i>Chemical Science</i> , 2021, 12, 12326-12332.	3.7	11
34	Nickel-Catalyzed C–F/N–H Annulation of 2-(2-Fluoroaryl) N-Heteroaromatic Compounds with Alkynes: Activation of C–F Bonds. <i>Synthesis</i> , 2021, 53, 3075-3080.	1.2	9
35	The Directing Group: A Tool for Efficient and Selective C–F Bond Activation. <i>ACS Catalysis</i> , 2021, 11, 12915-12930.	5.5	35
36	Rh(<i>scp</i> –ii/ <i>scp</i>)–catalyzed branch-selective C–H alkylation of aryl sulfonamides with vinylsilanes. <i>Chemical Science</i> , 2020, 11, 389-395.	3.7	20

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37	Bidentate Directing Groups: An Efficient Tool in C-H Bond Functionalization Chemistry for the Expedient Construction of C-C Bonds. <i>Chemical Reviews</i> , 2020, 120, 1788-1887.	23.0	687
38	Nickel-Catalyzed C-F/N-H Annulation of Aromatic Amides with Alkynes: Activation of C-F Bonds under Mild Reaction Conditions. <i>Journal of the American Chemical Society</i> , 2020, 142, 17306-17311.	6.6	51
39	Fluoride anion-initiated bis-trifluoromethylation of phenyl aromatic carboxylates with (trifluoromethyl)trimethylsilane. <i>Chemical Communications</i> , 2020, 56, 11661-11664.	2.2	4
40	Ruthenium(II)-catalyzed acyloxylation of the ortho-C-H bond in 2-aryl-imidazoles with carboxylic acids. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2955-2959.	2.3	15
41	Ru ₃ (CO) ₁₂ -Catalyzed Reaction of 1,6-Diynes, Carbon Monoxide, and Water via the Reductive Coupling of Carbon Monoxide. <i>Organic Letters</i> , 2020, 22, 8747-8751.	2.4	7
42	Nickel-Catalyzed C-H Functionalization Using A Non-directed Strategy. <i>CheM</i> , 2020, 6, 1056-1081.	5.8	99
43	Rh(I)-catalyzed Addition of the ortho C-H Bond in Aryl Sulfonamides to Maleimides. <i>Chemistry Letters</i> , 2020, 49, 1053-1057.	0.7	6
44	Rhodium-catalyzed Reaction of Alkynes with Hydrosilanes and <i>n</i> -Octyl Isocyanide: A Silylimination/1,4-Hydrosilylation Sequence Leading to β -Silylmethyl-N-silylenamines. <i>Chemistry Letters</i> , 2020, 49, 357-360.	0.7	0
45	Rh ^{III} -Catalyzed Double Dehydrogenative Coupling of Free 1-Naphthylamines with α,β -Unsaturated Esters. <i>Chemistry - A European Journal</i> , 2020, 26, 11093-11098.	1.7	17
46	The Direct Rh(III)-Catalyzed C-H Amidation of Aniline Derivatives Using a Pyrimidine Directing Group: The Selective Solvent Controlled Synthesis of 1,2-Diaminobenzenes and Benzimidazoles. <i>Organic Letters</i> , 2020, 22, 3655-3660.	2.4	31
47	The Iridium(III)-Catalyzed Direct C(sp ²) and C(sp ³) Alkynylation of 2-Acylimidazoles with Various Alkynyl Bromides: Understanding the Full Catalytic Cycle. <i>ACS Catalysis</i> , 2020, 10, 5173-5178.	5.5	38
48	Rh(III)-Catalyzed Reaction of α -Carbonyl Sulfoxonium Ylides and Alkenes: Synthesis of Indanones via [4 + 1] Cycloaddition. <i>Organic Letters</i> , 2020, 22, 1375-1379.	2.4	52
49	Rhodium(III)-catalyzed mono-selective C-H alkylation of benzenesulfonamides with terminal alkenes. <i>Chemical Communications</i> , 2019, 55, 10503-10506.	2.2	18
50	Ruthenium(II)-catalyzed Alkylation of C-H Bonds in Aromatic Amides with Vinylsilanes. <i>Chemistry Letters</i> , 2019, 48, 1185-1187.	0.7	6
51	Chelation-Assisted Nickel-Catalyzed C-H Functionalizations. <i>Trends in Chemistry</i> , 2019, 1, 524-539.	4.4	114
52	Cobalt-Catalyzed C-H Iodination of Aromatic Amides with Molecular Iodine through the Use of a 2-Aminophenylloxazoline-Based Bidentate-Chelation System. <i>Organic Letters</i> , 2019, 21, 5971-5976.	2.4	21
53	The Pd-catalyzed C-H alkylation of ortho-methyl-substituted aromatic amides with maleimide occurs preferentially at the ortho-methyl C-H bond over the ortho-C-H bond. <i>Chemical Communications</i> , 2019, 55, 9983-9986.	2.2	34
54	Nickel-catalyzed reductive defunctionalization of esters in the absence of an external reductant: activation of C=O bonds. <i>Chemical Communications</i> , 2019, 55, 13610-13613.	2.2	16

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55	A computational study of cobalt-catalyzed C-H iodination reactions using a bidentate directing group with molecular iodine. <i>Organic Chemistry Frontiers</i> , 2019, 6, 537-543.	2.3	10
56	Nickel-catalyzed decarbonylation of <i>N</i> -acylated <i>N</i> -heteroarenes. <i>Chemical Science</i> , 2019, 10, 6666-6671.	3.7	40
57	Nickel-Catalyzed Decarboxylation of Aryl Carbamates for Converting Phenols into Aromatic Amines. <i>Journal of the American Chemical Society</i> , 2019, 141, 7261-7265.	6.6	41
58	Rh(<i>rac</i>)-Catalyzed [3+2] annulation reactions of cyclopropanones with amides. <i>Chemical Communications</i> , 2019, 55, 5740-5742.	2.2	19
59	Rhodium-Catalyzed Alkylation of C-H Bonds in Aromatic Amides with Non-activated Alkenes: The Possible Generation of Carbene Intermediates from Alkenes. <i>Chemistry - A European Journal</i> , 2019, 25, 6915-6919.	1.7	16
60	Nickel-Catalyzed Reaction of Benzamides with Bicyclic Alkenes: Cleavage of C-H and C-N Bonds. <i>Organic Letters</i> , 2019, 21, 1774-1778.	2.4	42
61	A New Class of Redox Isomerization of <i>N</i> -Alkylpropargylamines into <i>N</i> -Alkylideneallyl amines Catalyzed by a ReBr(CO) ₅ /Amine <i>N</i> -oxide System. <i>Organic Letters</i> , 2019, 21, 1760-1765.	2.4	4
62	Computational Mechanistic Study on the Nickel-Catalyzed C-H/N-H Oxidative Annulation of Aromatic Amides with Alkynes: The Role of the Nickel (0) Ate Complex. <i>Organometallics</i> , 2019, 38, 248-255.	1.1	25
63	Rhodiumkatalysierte sp ² - und sp ³ -C-H-Funktionalisierungen mit entfernbaren dirigierenden Gruppen. <i>Angewandte Chemie</i> , 2019, 131, 8390-8416.	1.6	41
64	Rhodium-Catalyzed C(sp ²)- or C(sp ³)-H Bond Functionalization Assisted by Removable Directing Groups. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8304-8329.	7.2	309
65	Nickel-catalyzed oxidative C-H/N-H annulation of <i>N</i> -heteroaromatic compounds with alkynes. <i>Chemical Science</i> , 2019, 10, 3242-3248.	3.7	55
66	Cobalt(II)-Catalyzed Acyloxylation of C-H Bonds in Aromatic Amides with Carboxylic Acids. <i>Organic Letters</i> , 2018, 20, 1062-1065.	2.4	58
67	A Cationic Iridium-catalyzed C(sp ³)-H Silylation of 2-Alkyl-1,3-azoles at the $\hat{\pm}$ -Position in the 2-Alkyl Group Leading to 2-(1-Silylalkyl)-1,3-azoles. <i>Chemistry Letters</i> , 2018, 47, 385-388.	0.7	11
68	Cobalt(<i>rac</i>)-catalyzed chelation-assisted C-H iodination of aromatic amides with <i>l</i> -lysine. <i>Chemical Communications</i> , 2018, 54, 1359-1362.	2.2	37
69	Ru ₃ (CO) ₁₂ -Catalyzed Carbonylation of C-H Bonds by Triazole-Directed C-H Activation. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1315-1318.	1.3	12
70	Rhodium-Catalyzed C=O Bond Alkynylation of Aryl Carbamates with Propargyl Alcohols. <i>Organic Letters</i> , 2018, 20, 2108-2111.	2.4	20
71	The Use of a Rhodium Catalyst/8-Aminoquinoline Directing Group in the C-H Alkylation of Aromatic Amides with Alkenes: Possible Generation of a Carbene Intermediate from an Alkene. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 211-222.	2.0	41
72	Catalytic Synthesis of Heterocycles via the Cleavage of Carbon-Heteroatom Bonds. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2018, 76, 1185-1196.	0.0	3

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73	A Synthesis of 3,4-Dihydroisoquinolin-1(2H)-one via the Rhodium-Catalyzed Alkylation of Aromatic Amides with N-Vinylphthalimide. <i>Journal of Organic Chemistry</i> , 2018, 83, 13587-13594.	1.7	29
74	Metal-Catalyzed Aromatic C-O Bond Activation/Transformation. <i>Topics in Organometallic Chemistry</i> , 2018, , 103-140.	0.7	12
75	Nickel-Catalyzed Reductive Cleavage of Carbon-Oxygen Bonds in Anisole Derivatives Using Diisopropylaminoborane. <i>ACS Catalysis</i> , 2018, 8, 7475-7483.	5.5	32
76	C-H Activation - Far from Over. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1135-1135.	1.3	1
77	Rhodium(I)-Catalyzed C8-Alkylation of 1-Naphthylamide Derivatives with Alkenes through a Bidentate Picolinamide Chelation System. <i>ACS Catalysis</i> , 2018, 8, 6699-6706.	5.5	56
78	Nickel-Mediated Decarbonylation of Simple Unstrained Ketones through the Cleavage of Carbon-Carbon Bonds. <i>Journal of the American Chemical Society</i> , 2017, 139, 1416-1419.	6.6	89
79	Catalytic Double Carbon-Boron Bond Formation for the Synthesis of Cyclic Diarylborinic Acids as Versatile Building Blocks for Extended Heteroarenes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2069-2073.	7.2	30
80	C-O Activation by a Rhodium Bis(N-Heterocyclic Carbene) Catalyst: Aryl Carbamates as Arylating Reagents in Directed C-H Arylation. <i>Angewandte Chemie</i> , 2017, 129, 1903-1906.	1.6	9
81	C-O Activation by a Rhodium Bis(N-Heterocyclic Carbene) Catalyst: Aryl Carbamates as Arylating Reagents in Directed C-H Arylation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1877-1880.	7.2	33
82	Direct and Regioselective Introduction of Acetals into Imidazoles at the 2-Position by an Iridium-Catalyzed Reaction with Formates in the Presence of Hydrosilanes. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1662-1665.	1.2	2
83	Catalytic Double Carbon-Boron Bond Formation for the Synthesis of Cyclic Diarylborinic Acids as Versatile Building Blocks for Extended Heteroarenes. <i>Angewandte Chemie</i> , 2017, 129, 2101-2105.	1.6	7
84	Rhodium-Catalyzed Alkenylation of C-H Bonds in Aromatic Amides with Alkynes. <i>Organic Letters</i> , 2017, 19, 2234-2237.	2.4	36
85	Iridium-Catalyzed Regioselective C(sp ³)-H Silylation of 4-Alkylpyridines at the Benzylic Position with Hydrosilanes Leading to 4-(1-Silylalkyl)pyridines. <i>ACS Catalysis</i> , 2017, 7, 3152-3156.	5.5	33
86	C-H Borylation by Platinum Catalysis. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 332-342.	2.0	21
87	Nickel-Catalyzed Benzoylation of C-H Bonds in Aromatic Amides with Benzyltrimethylammonium Halides. <i>Israel Journal of Chemistry</i> , 2017, 57, 964-967.	1.0	11
88	Nickel-catalyzed C-H/N-H annulation of aromatic amides with alkynes in the absence of a specific chelation system. <i>Chemical Science</i> , 2017, 8, 6650-6655.	3.7	64
89	Rhodium-Catalyzed Reductive Cleavage of Aryl Carbamates Using Isopropanol as a Reductant. <i>Synlett</i> , 2017, 28, 2569-2572.	1.0	17
90	Cobalt(II)-catalyzed C-H functionalization using an N,N'-bidentate directing group. <i>Coordination Chemistry Reviews</i> , 2017, 350, 117-135.	9.5	203

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91	Rh(I)-Catalyzed Alkylation of <i>ortho</i> -C-H Bonds in Aromatic Amides with Maleimides. <i>Organic Letters</i> , 2017, 19, 4544-4547.	2.4	79
92	An unusual endo-selective C-H hydroarylation of norbornene by the Rh(I)-catalyzed reaction of benzamides. <i>Nature Communications</i> , 2017, 8, 1448.	5.8	35
93	$\text{Ir}^{\text{IV}}(\text{CO})_2$ -Catalyzed Benzylic $\text{C}(\text{sp}^3)$ -H Silylation of 2-Alkylpyridines with Hydrosilanes Leading to 2-(1-Silylalkyl)pyridines. <i>Journal of Organic Chemistry</i> , 2017, 82, 13649-13655.	1.7	21
94	Palladium-catalyzed Cyclization of Bisphosphines to Phosphacycles via the Cleavage of Two Carbon-Phosphorus Bonds. <i>Chemistry Letters</i> , 2017, 46, 1296-1299.	0.7	31
95	Combined Theoretical and Experimental Studies of Nickel-Catalyzed Cross-Coupling of Methoxyarenes with Arylboronic Esters via C-O Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2017, 139, 10347-10358.	6.6	87
96	Iridium/N-heterocyclic carbene-catalyzed C-H borylation of arenes by diisopropylaminoborane. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 654-661.	1.3	16
97	Nickel-Catalyzed Borylation of Aryl and Benzyl <i>ortho</i> -Directing Group. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2417-2421.	2.1	51
98	Chelation-Assisted Nickel-Catalyzed Oxidative Annulation via Double C-H Activation/Alkyne Insertion Reaction. <i>Chemistry - A European Journal</i> , 2016, 22, 1362-1367.	1.7	68
99	Nickel-Catalyzed Alkylative Cross-Coupling of Anisoles with Grignard Reagents via C-O Bond Activation. <i>Journal of the American Chemical Society</i> , 2016, 138, 6711-6714.	6.6	131
100	Nickel-Catalyzed Reaction of C-H Bonds in Amides with I_2 : <i>ortho</i> -Iodination via the Cleavage of $\text{C}(\text{sp}^2)$ -H Bonds and Oxidative Cyclization to β -Lactams via the Cleavage of $\text{C}(\text{sp}^3)$ -H Bonds. <i>ACS Catalysis</i> , 2016, 6, 4323-4329.	5.5	119
101	Nickel/N-Heterocyclic Carbene-Catalyzed Suzuki-Miyaura Type Cross-Coupling of Aryl Carbamates. <i>Journal of Organic Chemistry</i> , 2016, 81, 9409-9414.	1.7	36
102	Palladium-Catalyzed Synthesis of 2,3-Disubstituted Benzothiophenes via the Annulation of Aryl Sulfides with Alkynes. <i>Organic Letters</i> , 2016, 18, 4312-4315.	2.4	53
103	Nickel-catalyzed Ring-opening Cross-coupling of Cyclic Alkenyl Ethers with Arylboronic Esters via Carbon-Oxygen Bond Cleavage. <i>Chemistry Letters</i> , 2016, 45, 1277-1279.	0.7	9
104	Cobalt-catalyzed chelation assisted C-H allylation of aromatic amides with unactivated olefins. <i>Chemical Communications</i> , 2016, 52, 10129-10132.	2.2	91
105	Phenyltrimethylammonium Salts as Methylation Reagents in the Nickel-Catalyzed Methylation of C-H Bonds. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3162-3165.	7.2	120
106	Nickel-Catalyzed Cross-Coupling Reactions of Unreactive Phenolic Electrophiles via C-O Bond Activation. <i>Topics in Current Chemistry</i> , 2016, 374, 41.	3.0	89
107	Phenyltrimethylammonium Salts as Methylation Reagents in the Nickel-Catalyzed Methylation of C-H Bonds. <i>Angewandte Chemie</i> , 2016, 128, 3214-3217.	1.6	27
108	Palladium-catalyzed synthesis of dibenzothiophene derivatives via the cleavage of carbon-sulfur and carbon-hydrogen bonds. <i>Chemical Science</i> , 2016, 7, 2587-2591.	3.7	74

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109	Dicumyl Peroxide as a Methylating Reagent in the Ni-Catalyzed Methylation of Ortho C-H Bonds in Aromatic Amides. <i>Organic Letters</i> , 2016, 18, 1698-1701.	2.4	95
110	Conversion of 3,3,3-Trisubstituted Prop-1-yne with <i>tert</i> -Butylhydrazine into 3,3,3-Trisubstituted Propionitriles Catalyzed by $\text{TpRh}(\text{C}_2\text{H}_4)_2\text{P}(\text{2-furyl})_3$. <i>Journal of Organic Chemistry</i> , 2016, 81, 3161-3167.	1.7	8
111	Rhodium-catalyzed regioselective addition of the ortho C-H bond in aromatic amides to the C=C double bond in β,γ -unsaturated β -lactones and dihydrofurans. <i>Chemical Science</i> , 2016, 7, 240-245.	3.7	49
112	Nickel-catalyzed Cross-coupling of Anisole Derivatives with Trimethylaluminum through the Cleavage of Carbon-Oxygen Bonds. <i>Chemistry Letters</i> , 2015, 44, 1729-1731.	0.7	57
113	The Nickel(II)-Catalyzed Direct Benzylolation, Allylation, Alkylation, and Methylation of C-H Bonds in Aromatic Amides Containing an 8-Aminoquinoline Moiety as the Directing Group. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 438-446.	2.0	78
114	$\text{Pd}(\text{OAc})_2$ -catalyzed Lactonization of Arylacetamides Involving Oxidation of C-H Bonds. <i>Chemistry Letters</i> , 2015, 44, 621-623.	0.7	15
115	Rhodium-catalyzed Borylation of Aryl and Alkenyl Pivalates through the Cleavage of Carbon-Oxygen Bonds. <i>Chemistry Letters</i> , 2015, 44, 366-368.	0.7	53
116	$\text{Pd}(\text{II})$ -catalyzed Chelation-assisted Cross Dehydrogenative Coupling between Unactivated $\text{C}(\text{sp}^3)\text{-H}$ Bonds in Aliphatic Amides and Benzylic C-H Bonds in Toluene Derivatives. <i>Chemistry Letters</i> , 2015, 44, 1365-1367.	0.7	34
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#	ARTICLE	IF	CITATIONS
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