

Applications of Palladium-Catalyzed C–N Cross-Coupling

Chemical Reviews

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Citation Report

#	ARTICLE	IF	CITATIONS
3	Palladium-Catalyzed Chemoselective Switch: Synthesis of a New Class of Indenochromenes and Pyrano[2,3- <i>b</i>]carbazoles. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 534-543.	1.3	10
4	<i>n</i> -Butyllithium-mediated synthesis of <i>N</i> -aryl tertiary amines by reactions of fluoroarenes with secondary amines at room temperature. <i>Tetrahedron</i> , 2017, 73, 1466-1472.	1.0	21
5	Evaluating 1,1-Bis(phosphino)ferrocene Ancillary Ligand Variants in the Nickel-Catalyzed C-N Cross-Coupling of (Hetero)aryl Chlorides. <i>Organometallics</i> , 2017, 36, 679-686.	1.1	46
6	Bimetallic catalysis for C-C and C-X coupling reactions. <i>Chemical Science</i> , 2017, 8, 1705-1718.	3.7	307
7	A Polystyrene-Cross-Linking Bisphosphine: Controlled Metal Monochelation and Ligand-Enabled First-Row Transition Metal Catalysis. <i>ACS Catalysis</i> , 2017, 7, 1681-1692.	5.5	65
8	A Cross-Coupling Approach to Amide Bond Formation from Esters. <i>ACS Catalysis</i> , 2017, 7, 2176-2180.	5.5	124
9	Mechanistic Study of the Role of Substrate Steric Effects and Aniline Inhibition on the Bis(trineopentylphosphine)palladium(0)-Catalyzed Arylation of Aniline Derivatives. <i>ACS Catalysis</i> , 2017, 7, 2516-2527.	5.5	24
10	Selective C(sp ²)-H Functionalization of Arenes for Amination Reactions by Using Photoredox Catalysis. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 469-474.	1.3	15
11	Light on Unsaturated Hydrocarbons - Gotta Heterofunctionalize Them All! <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2008-2055.	1.2	37
12	Well-defined nickel and palladium precatalysts for cross-coupling. <i>Nature Reviews Chemistry</i> , 2017, 1, .	13.8	331
13	Palladium-Catalyzed Direct Intramolecular C-N Bond Formation: Access to Multisubstituted Dihydropyrroles. <i>Organic Letters</i> , 2017, 19, 914-917.	2.4	28
14	Selective C(sp ²)-H Halogenation of Click-4-Aryl-1,2,3-triazoles. <i>Organic Letters</i> , 2017, 19, 962-965.	2.4	34
15	Discovery of 2-oxopiperazine dengue inhibitors by scaffold morphing of a phenotypic high-throughput screening hit. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1385-1389.	1.0	15
16	Flexible Steric Bulky Bis(Imino)acenaphthene (BIAN)-Supported <i>N</i> -Heterocyclic Carbene Palladium Precatalysts: Catalytic Application in Buchwald-Hartwig Amination in Air. <i>Journal of Organic Chemistry</i> , 2017, 82, 2914-2925.	1.7	69
17	Phenanthridine-Containing Pincer-like Amido Complexes of Nickel, Palladium, and Platinum. <i>Inorganic Chemistry</i> , 2017, 56, 3674-3685.	1.9	31
18	First Total Synthesis of the Cytotoxic Carbazole Alkaloid Excavatine A and Regioselective Annulation to Pyrano[2,3- <i>b</i>]carbazoles and [1,4]Oxazepino[2,3- <i>b</i>]carbazoles. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3288-3300.	1.2	10
19	Unified Synthesis of 1,2-Oxy-aminoarenes via a Bio-inspired Phenol-Amine Coupling. <i>CheM</i> , 2017, 2, 533-549.	5.8	43
20	An Organic Intermolecular Dehydrogenative Annulation Reaction. <i>Organic Letters</i> , 2017, 19, 2006-2009.	2.4	66

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21	Rh(<i>rac</i>)-catalyzed sequential C–H activation and annulation: access to N-fused heterocycles from arylazoles and \pm -diazocarbonyl compounds. <i>RSC Advances</i> , 2017, 7, 20548-20552.	1.7	35
22	[P,N]-phosphinobenzimidazole ligands in palladium-catalyzed C-N cross-coupling reactions: The effect of the N-substituent of the benzimidazole scaffold on catalyst performance. <i>Journal of Organometallic Chemistry</i> , 2017, 841, 57-61.	0.8	7
23	Copper(I) Oxide/ <i>N,N</i> -Bis[(2-furyl)methyl]oxalamide-Catalyzed Coupling of (Hetero)aryl Halides and Nitrogen Heterocycles at Low Catalytic Loading. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1631-1636.	2.1	48
24	Reversible Gas–Solid Ammonia N–H Bond Activation Mediated by an Organopalladium Complex. <i>Inorganic Chemistry</i> , 2017, 56, 5342-5351.	1.9	11
25	Oxidative Addition Complexes as Precatalysts for Cross-Coupling Reactions Requiring Extremely Bulky Biarylphosphine Ligands. <i>Organic Letters</i> , 2017, 19, 2853-2856.	2.4	62
26	Rhodium(I)-Catalyzed Tertiary Phosphine Directed C–H Arylation: Rapid Construction of Ligand Libraries. <i>Angewandte Chemie</i> , 2017, 129, 7339-7343.	1.6	32
27	Rhodium(I)-Catalyzed Tertiary Phosphine Directed C–H Arylation: Rapid Construction of Ligand Libraries. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7233-7237.	7.2	93
28	New Approaches for Biaryl-Based Phosphine Ligand Synthesis via P=O Directed C–H Functionalizations. <i>Accounts of Chemical Research</i> , 2017, 50, 1480-1492.	7.6	169
29	Diaryl-amino- and Diaryl-boryl-Substituted Donor–Acceptor Pyrene Derivatives: Influence of Substitution Pattern on Their Photophysical Properties. <i>Journal of Organic Chemistry</i> , 2017, 82, 5111-5121.	1.7	47
30	Nature Inspires an Aerobic Coupling of Phenol and Amine. <i>CheM</i> , 2017, 2, 461-462.	5.8	3
31	Pd-Catalyzed Amination of Functionalized 6-Bromo-pyridinyl-1,2,4-triazine Complexant Scaffolds. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3318-3327.	1.2	10
32	Fe(II)/Au(I) Relay Catalyzed Propargylisoxazole to Pyridine Isomerization: Access to 6-Halonicotines. <i>Journal of Organic Chemistry</i> , 2017, 82, 5367-5379.	1.7	34
33	Highly Diastereoselective \pm -Arylation of Cyclic Nitriles. <i>Organic Letters</i> , 2017, 19, 3446-3449.	2.4	19
34	Making Copper(0) Nanoparticles in Glycerol: A Straightforward Synthesis for a Multipurpose Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2832-2846.	2.1	48
35	Photochemical Generation of Nitrogen-Centered Amidyl, Hydrazonyl, and Imidyl Radicals: Methodology Developments and Catalytic Applications. <i>ACS Catalysis</i> , 2017, 7, 4999-5022.	5.5	334
36	Metal-free regioselective formation of C–N and C–O bonds with the utilization of diaryliodonium salts in water: facile synthesis of N-arylquinolones and aryloxyquinolines. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4956-4961.	1.5	23
37	Hydrogen Bond-Directed Cruciform and Stacked Packing of a Pyrrole-Based Azaphenacene. <i>Crystal Growth and Design</i> , 2017, 17, 3371-3378.	1.4	10
38	One-pot reductive amination of carbonyl compounds with nitro compounds with CO/H ₂ O as the hydrogen donor over non-noble cobalt catalyst. <i>Journal of Catalysis</i> , 2017, 352, 264-273.	3.1	64

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39	Molecular Adsorbates Switch on Heterogeneous Catalysis: Induction of Reactivity by N-Heterocyclic Carbenes. <i>Journal of the American Chemical Society</i> , 2017, 139, 9144-9147.	6.6	133
40	Palladium-catalyzed hydroamination of farnesene—Long chain amines as building blocks for surfactants based on a renewable feedstock. <i>Applied Catalysis A: General</i> , 2017, 543, 173-179.	2.2	8
41	NIS Mediated Cross-Coupling of C(sp ²)—H and N—H Bonds: A Transition-Metal-Free Approach toward Indolo[1,2-a]quinazolinones. <i>Journal of Organic Chemistry</i> , 2017, 82, 7657-7665.	1.7	21
42	Synthesis and characterization of carbazolo[2,1-a]carbazole in thin film and single crystal field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7020-7027.	2.7	8
43	Carbon—Nitrogen Bond Formation Through Cross-Dehydrogenative Coupling Reactions. <i>Advances in Organometallic Chemistry</i> , 2017, , 401-481.	0.5	20
44	Engaging Radicals in Transition Metal-Catalyzed Cross-Coupling with Alkyl Electrophiles: Recent Advances. <i>ACS Catalysis</i> , 2017, 7, 4697-4706.	5.5	130
45	Synthesis of (1- β -2)-S-Linked Saccharides and S-Linked Glycoconjugates via a Palladium-G3-XantPhos Precatalyst Catalysis. <i>Journal of Organic Chemistry</i> , 2017, 82, 6720-6728.	1.7	43
46	Pd(II)-Catalyzed, Picolinamide-Assisted, <i>Z</i> -Selective β -Arylation of Allylamines To Construct <i>Z</i> -Cinnamylamines. <i>Journal of Organic Chemistry</i> , 2017, 82, 6550-6567.	1.7	42
47	A segmented flow platform for on-demand medicinal chemistry and compound synthesis in oscillating droplets. <i>Chemical Communications</i> , 2017, 53, 6649-6652.	2.2	73
48	Rhodium(III)-Catalyzed Annulation of Pyridinones with Alkynes via Double C—H Activation: A Route to Functionalized Quinolizinones. <i>Organic Letters</i> , 2017, 19, 3083-3086.	2.4	65
49	Iridium(III)-Catalyzed Synthesis of Benzimidazoles via C—H Activation and Amidation of Aniline Derivatives. <i>Organic Letters</i> , 2017, 19, 3243-3246.	2.4	69
50	Mechanistic Insight Leads to a Ligand Which Facilitates the Palladium-Catalyzed Formation of 2-(Hetero)Arylaminoxazoles and 4-(Hetero)Arylaminothiazoles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10569-10572.	7.2	47
51	Dibenzothiophene Sulfoximine as an NH ₃ Surrogate in the Synthesis of Primary Amines by Copper-Catalyzed C—X and C—H Bond Amination. <i>Angewandte Chemie</i> , 2017, 129, 9660-9663.	1.6	13
52	Dibenzothiophene Sulfoximine as an NH ₃ Surrogate in the Synthesis of Primary Amines by Copper-Catalyzed C—X and C—H Bond Amination. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9532-9535.	7.2	61
53	A New Mode of Operation of Pd-NHC Systems Studied in a Catalytic Mizoroki—Heck Reaction. <i>Organometallics</i> , 2017, 36, 1981-1992.	1.1	119
54	Iridium-Catalyzed <i>ortho</i> -C(sp ²)—H Amidation of Benzaldehydes with Organic Azides. <i>Journal of Organic Chemistry</i> , 2017, 82, 4497-4503.	1.7	53
55	Metal-free chloroamidation of indoles with sulfonamides and NaClO. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1354-1357.	2.3	20
56	An efficient palladium-catalyzed synthesis of 1-heteroaryl-4-aminopiperidine derivatives from heteroaryl chlorides. <i>Tetrahedron Letters</i> , 2017, 58, 1976-1979.	0.7	3

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57	Harnessing Alkyl Amines as Electrophiles for Nickel-Catalyzed Cross Couplings via C–N Bond Activation. <i>Journal of the American Chemical Society</i> , 2017, 139, 5313-5316.	6.6	272
58	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
59	Entropic electrolytes for anodic cycloadditions of unactivated alkene nucleophiles. <i>Chemical Communications</i> , 2017, 53, 3960-3963.	2.2	38
60	Selective Palladium-Catalyzed Domino Heck/Buchwald–Hartwig Arylations of <i>N</i> -Glycosylcinnamamides: An Efficient Route to <i>N</i> -Glycosylquinolinones. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1320-1330.	2.1	11
61	Regioselective Access to 1,2-Diarylhistidines through the Copper-Catalyzed <i>N</i> -Arylation of 2-Arylhistidines. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 984-988.	1.2	13
62	Nickel/Photoredox-Catalyzed Amidation via Alkylsilicates and Isocyanates. <i>ACS Catalysis</i> , 2017, 7, 7957-7961.	5.5	56
63	A general and mild Cu-catalytic <i>N</i> -arylation of iminodibenzyls and iminostilbenes using unactivated aryl halides. <i>RSC Advances</i> , 2017, 7, 49600-49604.	1.7	3
64	Nucleo-Palladation-Trigging Alkene Functionalization: A Route to β -Lactones. <i>Organic Letters</i> , 2017, 19, 5756-5759.	2.4	17
65	Copper-Mediated C–X Functionalization of Aryl Halides. <i>Organic Process Research and Development</i> , 2017, 21, 1889-1924.	1.3	80
66	Palladium-Catalyzed Cross-Coupling of Monochlorosilanes and Grignard Reagents. <i>ACS Catalysis</i> , 2017, 7, 8113-8117.	5.5	65
67	Immobilized Pd nanoparticles on silica-starch substrate (PNP-SSS): Efficient heterogeneous catalyst in Buchwald–Hartwig C–N cross coupling reaction. <i>Journal of Organometallic Chemistry</i> , 2017, 851, 210-217.	0.8	32
68	Palladium(II) acetate catalyzed acylative cleavage of cyclic and acyclic ethers under neat conditions. <i>Tetrahedron Letters</i> , 2017, 58, 4648-4651.	0.7	5
69	Catalytic applications of small bite-angle diphosphorus ligands with single-atom linkers. <i>Dalton Transactions</i> , 2017, 46, 15157-15174.	1.6	50
70	Rhodium(III)-Catalyzed Directed C–H Amidation of <i>N</i> -Nitrosoanilines and Subsequent Formation of 1,2-Disubstituted Benzimidazoles. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2804-2808.	1.7	25
71	The synthesis of planar chiral pseudo-gem aminophosphine pre-ligands based on [2.2]paracyclophane. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8975-8984.	1.5	6
72	Cross-Coupling of Primary Amides to Aryl and Heteroaryl Partners Using (DiMeHept ^{Cl})Pd Promoted by Trialkylboranes or B(C ₆ F ₅) ₃ . <i>Journal of the American Chemical Society</i> , 2017, 139, 18436-18439.	6.6	32
73	Rhodium-Catalyzed [4 + 3] Annulations of Sulfoximines with α,β -Unsaturated Ketones Leading to 1,2-Benzothiazepine 1-Oxides. <i>Organic Letters</i> , 2017, 19, 6020-6023.	2.4	56
74	Selenium-containing analogues of WC-9 are extremely potent inhibitors of <i>Trypanosoma cruzi</i> proliferation. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 6435-6449.	1.4	29

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75	Heteromultimetallic catalysis for sustainable organic syntheses. <i>Chemical Society Reviews</i> , 2017, 46, 7399-7420.	18.7	135
76	Chemoselective <i>N</i> -arylation of aminobenzamides via copper catalysed Chan–Evans–Lam reactions. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 9288-9292.	1.5	21
77	Electrochemically Enabled, Nickel-Catalyzed Amination. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13088-13093.	7.2	252
78	Rapid Continuous Ruthenium-Catalysed Transfer Hydrogenation of Aromatic Nitriles to Primary Amines. <i>Synlett</i> , 2017, 28, 2855-2858.	1.0	8
79	Electrochemically Enabled, Nickel-Catalyzed Amination. <i>Angewandte Chemie</i> , 2017, 129, 13268-13273.	1.6	78
80	Origins of high catalyst loading in copper(<i>sc</i>)-catalysed Ullmann–Goldberg–N coupling reactions. <i>Chemical Science</i> , 2017, 8, 7203-7210.	3.7	42
81	Copper-Catalyzed Coupling Reaction of (Hetero)Aryl Chlorides and Amides. <i>Organic Letters</i> , 2017, 19, 4864-4867.	2.4	68
82	Fused Systems Based on 2-Aminopyrimidines: Synthesis Combining Deprotolithiation <i>in situ</i> Zincation with <i>N</i> -arylation Reactions and Biological Properties. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5903-5915.	1.2	21
83	Pd–PEPPSI: a general Pd–NHC precatalyst for Buchwald–Hartwig cross-coupling of esters and amides (transamidation) under the same reaction conditions. <i>Chemical Communications</i> , 2017, 53, 10584-10587.	2.2	153
84	DFT Investigation of Suzuki–Miyaura Reactions with Aryl Sulfamates Using a Dialkylbiarylphosphine-Ligated Palladium Catalyst. <i>Organometallics</i> , 2017, 36, 3664-3675.	1.1	15
85	Oxidation State-Dependent Intramolecular Electronic Interaction of Carbazole-Based Azacyclophanes with 9,10-Anthrylene Units. <i>Journal of Organic Chemistry</i> , 2017, 82, 10699-10703.	1.7	5
86	Chloride-Tolerant Gold(I)-Catalyzed Regioselective Hydrochlorination of Alkynes. <i>ACS Catalysis</i> , 2017, 7, 6798-6801.	5.5	47
87	High Catalytic Activity of Peptide Nanofibres Decorated with Ni and Cu Nanoparticles for the Synthesis of 5-Substituted 1H-Tetrazoles and <i>N</i> -Arylation of Amines. <i>Australian Journal of Chemistry</i> , 2017, 70, 1127.	0.5	9
88	Pd-Catalyzed Decarbonylative Cross-Couplings of Aryl Chlorides. <i>Organic Letters</i> , 2017, 19, 4142-4145.	2.4	80
89	Bisphosphine-Ligated Nickel Pre-catalysts in C ² –N Cross-Couplings of Aryl Chlorides: A Comparison of Nickel(I) and Nickel(II). <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2972-2980.	2.1	51
90	Secondary phosphine oxides assisted palladium complexes catalyzed catellani reaction for the formation of carbazole derivatives. <i>Journal of Organometallic Chemistry</i> , 2017, 846, 389-396.	0.8	3
91	Mechanistic Insight Leads to a Ligand Which Facilitates the Palladium-Catalyzed Formation of 2-(Hetero)Arylaminoxazoles and 4-(Hetero)Arylaminothiazoles. <i>Angewandte Chemie</i> , 2017, 129, 10705-10708.	1.6	4
92	Nucleophilic Amination of Methoxy Arenes Promoted by a Sodium Hydride/Iodide Composite. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11807-11811.	7.2	75

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93	Copper-Catalyzed Amination of Congested and Functionalized α -Bromocarboxamides with either Amines or Ammonia at Room Temperature. <i>Angewandte Chemie</i> , 2017, 129, 11768-11772.	1.6	5
94	Hydroxamsäuren als chemoselektive (<i>ortho</i> -Amino)arylierungsreagenzien durch sigmatrope Umlagerung. <i>Angewandte Chemie</i> , 2017, 129, 11078-11081.	1.6	12
95	Catalytic Nitrene Transfer To Alkynes: A Novel and Versatile Route for the Synthesis of Sulfinamides and Isothiazoles. <i>Angewandte Chemie</i> , 2017, 129, 13022-13027.	1.6	10
96	Catalytic Nitrene Transfer To Alkynes: A Novel and Versatile Route for the Synthesis of Sulfinamides and Isothiazoles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12842-12847.	7.2	36
97	Hydroxamic Acids as Chemoselective (<i>ortho</i> -Amino)arylation Reagents via Sigmatropic Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10938-10941.	7.2	40
98	Copper-Catalyzed Amination of Congested and Functionalized α -Bromocarboxamides with either Amines or Ammonia at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11610-11614.	7.2	39
99	Buttressing Effect as a Key Design Principle towards Highly Efficient Palladium/N-heterocyclic Carbene Buchwald-Hartwig Amination Catalysts. <i>Chemistry - A European Journal</i> , 2017, 23, 13792-13801.	1.7	50
100	Nickel-Catalyzed <i>N</i> -Arylation of Cyclopropylamine and Related Ammonium Salts with (Hetero)aryl (Pseudo)halides at Room Temperature. <i>ACS Catalysis</i> , 2017, 7, 6048-6059.	5.5	41
101	Nucleophilic Amination of Methoxy Arenes Promoted by a Sodium Hydride/Iodide Composite. <i>Angewandte Chemie</i> , 2017, 129, 11969-11973.	1.6	22
102	Durch sichtbares Licht vermittelte Deaminierung zur Erzeugung von Alkylradikalen. <i>Angewandte Chemie</i> , 2017, 129, 12505-12509.	1.6	82
103	Deaminative Strategy for the Visible-Light-Mediated Generation of Alkyl Radicals. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12336-12339.	7.2	295
104	Regioselective Synthesis of Selenide Ethers through a Decarboxylative Coupling Reaction. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3950-3961.	2.1	19
105	Isolable Triradical Trication of Hexaaza[1.6]paracyclophane with Embedded 9,10-Anthrylenes: A Frustrated Three-Spin System. <i>Organic Letters</i> , 2017, 19, 4371-4374.	2.4	16
106	A Chlorinating Reagent Yields Vinyl Chlorides with High Regioselectivity under Heterogeneous Gold Catalysis. <i>Organic Letters</i> , 2017, 19, 4524-4527.	2.4	23
107	Effective Adsorption of Precious Metal Palladium over Polyethyleneimine-Functionalized Alumina Nanopowder and Its Reusability as a Catalyst for Energy and Environmental Applications. <i>ACS Omega</i> , 2017, 2, 4494-4504.	1.6	28
108	UV-irradiation-mediated palladium nanoparticle catalytic system: Heck and decarboxylative coupling reactions. <i>Molecular Catalysis</i> , 2017, 441, 21-27.	1.0	8
109	Metal-Free Oxidative C-C Coupling of Arylamines Using a Quinone-Based Organic Oxidant. <i>Journal of Organic Chemistry</i> , 2017, 82, 8958-8972.	1.7	29
110	Recent Advances in Asymmetric Hydrogenation of Tetrasubstituted Olefins. <i>Journal of the American Chemical Society</i> , 2017, 139, 11630-11641.	6.6	139

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111	Acceleration of Pd-Catalyzed Amide N-Arylations Using Cocatalytic Metal Triflates: Substrate Scope and Mechanistic Study. <i>ACS Catalysis</i> , 2017, 7, 5862-5870.	5.5	26
112	Exploring Tandem Ruthenium-Catalyzed Hydrogen Transfer and S _N Ar Chemistry. <i>Organic Letters</i> , 2017, 19, 6716-6719.	2.4	7
113	Copper-Catalyzed Alkylation of Aliphatic Amines Induced by Visible Light. <i>Journal of the American Chemical Society</i> , 2017, 139, 17707-17710.	6.6	115
114	Teaching Old Compounds New Tricks: DDQ-Photocatalyzed C-H Amination of Arenes with Carbamates, Urea, and N-Heterocycles. <i>Chemistry - A European Journal</i> , 2017, 23, 18161-18165.	1.7	99
115	Tetraaza[14]- and Octaaza[18]paracyclophane: Synthesis and Characterization of Their Neutral and Cationic States. <i>Journal of Organic Chemistry</i> , 2017, 82, 13348-13358.	1.7	21
116	Cycloheptatrienyl Cyclopentadienyl Titanium Phosphane Ligands in Palladium-Catalyzed Suzuki-Miyaura Cross-Coupling Reactions. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5588-5597.	1.0	6
117	Synthesis of N-heterocyclic carbene-Pd(II) complexes and their catalytic activity in the Buchwald-Hartwig amination of aryl chlorides. <i>Tetrahedron</i> , 2017, 73, 7308-7314.	1.0	18
118	Pd-Catalyzed Suzuki coupling reactions of aryl halides containing basic nitrogen centers with arylboronic acids in water in the absence of added base. <i>New Journal of Chemistry</i> , 2017, 41, 15420-15432.	1.4	11
119	<i>N,N</i> -Bisoxalamides Enhance the Catalytic Activity in Cu-Catalyzed Coupling of (Hetero)Aryl Bromides with Anilines and Secondary Amines. <i>Journal of Organic Chemistry</i> , 2017, 82, 12603-12612.	1.7	34
120	Palladium-catalyzed three-component tandem reaction of sulfonyl hydrazones, aryl iodides and allenes: highly stereoselective synthesis of (Z)- β -hydroxymethyl allylic sulfones. <i>RSC Advances</i> , 2017, 7, 50372-50377.	1.7	8
121	Aromatic C-H amination: a radical approach for adding new functions into biology- and materials-oriented aromatics. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6071-6075.	1.5	37
122	Strongly Reducing, Visible-Light Organic Photoredox Catalysts as Sustainable Alternatives to Precious Metals. <i>Chemistry - A European Journal</i> , 2017, 23, 10962-10968.	1.7	196
123	Ecocatalyzed Suzuki cross coupling of heteroaryl compounds. <i>Green Chemistry</i> , 2017, 19, 4093-4103.	4.6	44
124	Polystyrene-supported diaminocarbene complexes of palladium(II): synthesis, characterization and application as a precatalyst in Sonogashira-Hagihara and Suzuki-Miyaura cross coupling. <i>Russian Chemical Reviews</i> , 2017, 86, 459-473.	2.5	19
125	Zinc Acetate-Promoted Buchwald-Hartwig Couplings of Heteroaromatic Amines. <i>Journal of Organic Chemistry</i> , 2017, 82, 7420-7427.	1.7	19
126	The merger of transition metal and photocatalysis. <i>Nature Reviews Chemistry</i> , 2017, 1, .	13.8	1,591
127	Bipyridyl- and pyridylquinolyl-phenothiazine structures as potential photoactive ligands: Syntheses and complexation to palladium. <i>Tetrahedron Letters</i> , 2017, 58, 3096-3100.	0.7	1
128	Indole-Indole Ullmann Cross-Coupling for C _{Ar} -N Bond Formation: Total Synthesis of (â€)Aspergilazine A. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4948-4954.	1.2	10

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158	Palladium-Catalyzed Amination of Aryl Sulfoxides. <i>Organic Letters</i> , 2018, 20, 1134-1137.	2.4	41
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166	Isolation of an Eleven-Atom Polydentate Carbon-Chain Chelate Obtained by Cycloaddition of a Cyclic Osmium Carbyne with an Alkyne. <i>Angewandte Chemie</i> , 2018, 130, 3208-3211.	1.6	11
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1604	Montmorillonite K10 catalyzed facile synthesis of <i>N</i> -substituted indoles from primary amine and Morita-Baylis-Hillman acetate of cyclohexenone. <i>Green Chemistry</i> , 0, , .	4.6	0
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