

Fuk Yee Kwong

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159 papers	9,185 citations	55 h-index	92 g-index
254 ext. papers	10,040 ext. citations	6 avg, IF	6.41 L-index

#	Paper	IF	Citations
159	Organocatalysis in cross-coupling: DMEDA-catalyzed direct C-H arylation of unactivated benzene. <i>Journal of the American Chemical Society</i> , 2010 , 132, 16737-40	16.4	496
158	Copper-catalyzed coupling of alkylamines and aryl iodides: an efficient system even in an air atmosphere. <i>Organic Letters</i> , 2002 , 4, 581-4	6.2	461
157	A general, efficient, and inexpensive catalyst system for the coupling of aryl iodides and thiols. <i>Organic Letters</i> , 2002 , 4, 3517-20	6.2	439
156	Mild and efficient copper-catalyzed amination of aryl bromides with primary alkylamines. <i>Organic Letters</i> , 2003 , 5, 793-6	6.2	354
155	Palladium-catalyzed cross-coupling reactions of aryl mesylates. <i>Chemical Society Reviews</i> , 2011 , 40, 4963-72	16.4	242
154	A new class of versatile chiral-bridged atropisomeric diphosphine ligands: remarkably efficient ligand syntheses and their applications in highly enantioselective hydrogenation reactions. <i>Journal of the American Chemical Society</i> , 2006 , 128, 5955-65	16.4	236
153	Palladium-catalyzed cross-dehydrogenative functionalization of C(sp ²)-H Bonds. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 26-47	4.5	232
152	A Decade of Advancements in Pauson-Khand-Type Reactions. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 789-811	3.2	189
151	Palladium-catalyzed amination of aryl mesylates. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 6402-6	16.4	178
150	A decade advancement of transition metal-catalyzed borylation of aryl halides and sulfonates. <i>RSC Advances</i> , 2013 , 3, 12518	3.7	171
149	Palladium-catalyzed oxidative C-H bond coupling of steered acetanilides and aldehydes: a facile access to ortho-acylacetanilides. <i>Organic Letters</i> , 2011 , 13, 3258-61	6.2	164
148	A general palladium-catalyzed Suzuki-Miyaura coupling of aryl mesylates. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8059-63	16.4	155
147	Room-temperature copper-catalyzed alpha-arylation of malonates. <i>Organic Letters</i> , 2007 , 9, 3469-72	6.2	139
146	Advances and Applications in Organocatalytic Asymmetric aza-Michael Addition. <i>ChemCatChem</i> , 2012 , 4, 917-925	5.2	134
145	Recent advances in developing new axially chiral phosphine ligands for asymmetric catalysis. <i>Coordination Chemistry Reviews</i> , 2007 , 251, 2119-2144	23.2	132
144	Toluene derivatives as simple coupling precursors for cascade palladium-catalyzed oxidative C-H bond acylation of acetanilides. <i>Chemical Communications</i> , 2013 , 49, 689-91	5.8	125
143	A mild and efficient palladium-catalyzed cyanation of aryl chlorides with K ₄ [Fe(CN) ₆]. <i>Organic Letters</i> , 2011 , 13, 648-51	6.2	123

142	Suzuki-Miyaura coupling of aryl tosylates catalyzed by an array of indolyl phosphine-palladium catalysts. <i>Journal of Organic Chemistry</i> , 2008 , 73, 7731-4	4.2	120
141	Easily accessible and highly tunable indolyl phosphine ligands for Suzuki-Miyaura coupling of aryl chlorides. <i>Organic Letters</i> , 2007 , 9, 2795-8	6.2	119
140	Intramolecular direct C-H bond arylation from aryl chlorides: a transition-metal-free approach for facile access of phenanthridines. <i>Organic Letters</i> , 2012 , 14, 5306-9	6.2	111
139	A mild and efficient palladium-catalyzed cyanation of aryl mesylates in water or tBuOH/water. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 8918-22	16.4	111
138	Palladium-catalyzed ortho-CH-bond oxygenation of aromatic ketones. <i>Organic Letters</i> , 2013 , 15, 270-3	6.2	108
137	Nickel-catalyzed asymmetric alpha-arylation of ketone enolates. <i>Chemical Communications</i> , 2006 , 1413-5	5.8	105
136	A radical process towards the development of transition-metal-free aromatic carbon-carbon bond-forming reactions. <i>Chemistry - A European Journal</i> , 2013 , 19, 15802-14	4.8	104
135	Palladium-catalyzed C-O bond formation: direct synthesis of phenols and aryl/alkyl ethers from activated aryl halides. <i>Tetrahedron Letters</i> , 2007 , 48, 473-476	2	87
134	A new atropisomeric P,N ligand for rhodium-catalyzed asymmetric hydroboration. <i>Journal of Organic Chemistry</i> , 2002 , 67, 2769-77	4.2	85
133	Palladium-catalyzed direct arylation of heteroarenes with aryl mesylates. <i>Chemistry - A European Journal</i> , 2011 , 17, 761-5	4.8	84
132	A new family of tunable indolylphosphine ligands by one-pot assembly and their applications in Suzuki-Miyaura coupling of aryl chlorides. <i>Journal of Organic Chemistry</i> , 2008 , 73, 7803-6	4.2	84
131	Palladium-indolylphosphine-catalyzed Hiyama cross-coupling of aryl mesylates. <i>Organic Letters</i> , 2009 , 11, 317-20	6.2	83
130	Palladium-(S,pR)-FerroNPS-catalyzed asymmetric allylic etherification: electronic effect of nonconjugated substituents on benzylic alcohols on enantioselectivity. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 1280-3	16.4	83
129	Palladium-Catalyzed Phosphorylation of Aryl Mesylates and Tosylates. <i>Organic Letters</i> , 2015 , 17, 5906-9	6.2	77
128	Recent developments on chiral P,S-type ligands and their applications in asymmetric catalysis. <i>Chemical Communications</i> , 2010 , 46, 4649-67	5.8	77
127	Regioselective Synthesis of Polycyclic and Heptagon-embedded Aromatic Compounds through a Versatile Extension of Aryl Halides. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7166-7170	16.4	76
126	Palladium-catalyzed direct and regioselective C-H bond functionalization/oxidative acetoxylation of indoles. <i>Journal of Organic Chemistry</i> , 2011 , 76, 80-4	4.2	76
125	Rhodium-catalyzed asymmetric addition of arylboronic acids to beta-phthaliminoacrylate esters toward the synthesis of beta-amino acids. <i>Journal of the American Chemical Society</i> , 2010 , 132, 464-5	16.4	74

124	Synthesis of 3-cyanoindole derivatives mediated by copper(I) iodide using benzyl cyanide. <i>Journal of Organic Chemistry</i> , 2013 , 78, 3374-8	4.2	71
123	Synthesis of Biaryl P,N Ligands by Novel Palladium-Catalyzed Phosphination Using Triarylphosphines: Catalytic Application of C≡N Activation. <i>Organometallics</i> , 2000 , 19, 2058-2060	3.8	71
122	Remarkably effective phosphanes simply with a PPh ₂ moiety: application to Pd-catalysed cross-coupling reactions for tetra-ortho-substituted biaryl syntheses. <i>Chemistry - A European Journal</i> , 2010 , 16, 7996-8001	4.8	69
121	Recent Developments on Hemilabile P,O-Type Ligands in Cross-Coupling Reactions. <i>Synlett</i> , 2008 , 2008, 1440-1448	2.2	69
120	A simple and highly efficient P,O-type ligand for Suzuki-Miyaura cross-coupling of aryl halides. <i>Chemical Communications</i> , 2004 , 1922-3	5.8	68
119	Base and Cation Effects on the Suzuki Cross-Coupling of Bulky Arylboronic Acid with Halopyridines: Synthesis of Pyridylphenols. <i>Journal of Organic Chemistry</i> , 1998 , 63, 6886-6890	4.2	68
118	An efficient palladium-benzimidazolyl phosphine complex for the Suzuki-Miyaura coupling of aryl mesylates: facile ligand synthesis and metal complex characterization. <i>Chemical Communications</i> , 2012 , 48, 1967-9	5.8	67
117	Cobalt-Catalyzed Tandem C-H Activation/C-C Cleavage/C-H Cyclization of Aromatic Amides with Alkylidenecyclopropanes. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6512-6516	16.4	66
116	Carbon-boron bond cross-coupling reaction catalyzed by -PPh ₂ containing palladium-indolylphosphine complexes. <i>Journal of Organic Chemistry</i> , 2012 , 77, 3543-8	4.2	66
115	Palladium-catalyzed decarboxylative arylation of potassium cyanoacetate: synthesis of biaryl nitriles from aryl halides. <i>Organic Letters</i> , 2011 , 13, 2912-5	6.2	66
114	Rhodium-catalyzed asymmetric aqueous Pauson-Khand-type reaction. <i>Chemistry - A European Journal</i> , 2005 , 11, 3872-80	4.8	65
113	Highly enantioselective and efficient organocatalytic aldol reaction of acetone and α,β-unsaturated keto ester. <i>Organic Letters</i> , 2010 , 12, 5616-9	6.2	64
112	Highly enantioselective addition of in situ prepared arylzinc to aldehydes catalyzed by a series of atropisomeric binaphthyl-derived amino alcohols. <i>Chemistry - A European Journal</i> , 2006 , 12, 4115-20	4.8	64
111	Regioselective direct C-3 arylation of imidazo[1,2-a]pyridines with aryl tosylates and mesylates promoted by palladium-phosphine complexes. <i>Journal of Organic Chemistry</i> , 2015 , 80, 1457-63	4.2	63
110	A Novel Synthesis of Atropisomeric P,N Ligands by Catalytic Phosphination Using Triarylphosphines. <i>Organometallics</i> , 2001 , 20, 2570-2578	3.8	62
109	A general synthesis of aryl phosphines by palladium catalyzed phosphination of aryl bromides using triarylphosphines. <i>Chemical Communications</i> , 2000 , 1069-1070	5.8	61
108	A general palladium catalyst system for Suzuki-Miyaura coupling of potassium aryltrifluoroborates and aryl mesylates. <i>Journal of Organic Chemistry</i> , 2010 , 75, 5109-12	4.2	59
107	Recent developments in palladium-catalysed non-directed coupling of (hetero)arene C≡C bonds with C≡C (Z = B, Si, Sn, S, N, C, H) bonds in bi(hetero)aryl synthesis. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 288-321	5.2	59

106	Highly Enantioselective Catalytic Alkynylation of Ketones [A Convenient Approach to Optically Active Propargylic Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 1926-1933	5.6	56
105	An active ferrocenyl triarylphosphine for palladium-catalyzed Suzuki-Miyaura cross-coupling of aryl halides. <i>Chemical Communications</i> , 2004 , 2336-7	5.8	56
104	Palladium-catalyzed oxidative C-H bond acylation of N-nitrosoanilines with toluene derivatives: a traceless approach to synthesize N-alkyl-2-aminobenzophenones. <i>Chemical Communications</i> , 2014 , 50, 15352-4	5.8	55
103	Rhodium-BisbenzodioxanPhos Complex-Catalyzed Homogeneous Enantioselective Pauson-Khand-Type Cyclization in Alcoholic Solvents. <i>Advanced Synthesis and Catalysis</i> , 2005 , 347, 1750-1754	5.6	54
102	Efficient cyanation of aryl bromides with K ₄ [Fe(CN) ₆] catalyzed by a palladium-indolylphosphine complex. <i>Tetrahedron Letters</i> , 2011 , 52, 7038-7041	2	53
101	Palladium-catalyzed borylation of aryl mesylates and tosylates and their applications in one-pot sequential Suzuki-Miyaura biaryl synthesis. <i>Chemistry - A European Journal</i> , 2011 , 17, 6913-7	4.8	53
100	Asymmetric hydroalkynylation of norbornadienes promoted by chiral iridium catalysts. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 7821-4	16.4	51
99	Palladium-catalyzed cross-coupling of aryl halides using organotitanium nucleophiles. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 7436-9	16.4	51
98	Formate as a CO surrogate for cascade processes: Rh-catalyzed cooperative decarbonylation and asymmetric Pauson-Khand-type cyclization reactions. <i>Chemical Communications</i> , 2007 , 2633-5	5.8	50
97	Accessing Axially Chiral Biaryls via Organocatalytic Enantioselective Dynamic-Kinetic Resolution-Semipinacol Rearrangement. <i>ACS Catalysis</i> , 2017 , 7, 4435-4440	13.1	49
96	Design of an Indolylphosphine Ligand for Reductive Elimination-Demanding Monoarylation of Acetone Using Aryl Chlorides. <i>Organic Letters</i> , 2015 , 17, 4612-5	6.2	49
95	Copper-Catalyzed Oxidative C-H Amination of Tetrahydrofuran with Indole/Carbazole Derivatives. <i>Journal of Organic Chemistry</i> , 2015 , 80, 11193-9	4.2	48
94	A versatile palladium catalyst system for Suzuki-Miyaura coupling of alkenyl tosylates and mesylates. <i>Chemical Communications</i> , 2011 , 47, 8328-30	5.8	48
93	Highly efficient carbazolyl-derived phosphine ligands: application to sterically hindered biaryl couplings. <i>Chemical Communications</i> , 2011 , 47, 5079-81	5.8	48
92	When cross-coupling partners meet indolylphosphines. <i>Coordination Chemistry Reviews</i> , 2015 , 293-294, 158-186	23.2	46
91	Palladium-catalyzed sonogashira coupling of aryl mesylates and tosylates. <i>Chemistry - A European Journal</i> , 2010 , 16, 9982-5	4.8	46
90	Easily accessible benzamide-derived P,O ligands (Bphos) for palladium-catalyzed carbon-nitrogen bond-forming reactions. <i>Chemistry - an Asian Journal</i> , 2007 , 2, 306-13	4.5	46
89	Iridium-catalyzed cascade decarbonylation/highly enantioselective Pauson-Khand-type cyclization reactions. <i>Tetrahedron: Asymmetry</i> , 2006 , 17, 1238-1252		46

88	Palladium-catalyzed phosphination of functionalized aryl triflates. <i>Tetrahedron</i> , 2003 , 59, 10295-10305	2.4	45
87	Direct intermolecular C-H arylation of unactivated arenes with aryl bromides catalysed by 2-pyridyl carbinol. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 6820-3	3.9	44
86	Organocatalytic asymmetric Michael-type reaction between α,β -unsaturated β -keto ester and nitro ketone. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 7997-9	3.9	44
85	Palladium-Catalyzed Regioselective Aromatic Extension of Internal Alkynes through a Norbornene-Controlled Reaction Sequence. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 3381-3385	16.4	43
84	A novel synthesis of functionalised tertiary phosphines by palladium catalysed phosphination with triarylphosphines. <i>Tetrahedron Letters</i> , 2000 , 41, 10285-10289	2	40
83	Catalytic solvent-free arsination: first catalytic application of Pd-Ar/As-Ph exchange in the syntheses of functionalized aryl arsines. <i>Journal of the American Chemical Society</i> , 2001 , 123, 8864-5	16.4	40
82	Direct Oxidative C-H Arylation of Benzoxazoles with Arylsulfonyl Hydrazides Promoted by Palladium Complexes. <i>Synlett</i> , 2012 , 23, 2714-2718	2.2	38
81	A Mild and Efficient Palladium-Catalyzed Cyanation of Aryl Mesylates in Water or tBuOH/Water. <i>Angewandte Chemie</i> , 2010 , 122, 9102-9106	3.6	38
80	Copper(I)-picolinic acid catalyzed N-arylation of hydrazides. <i>Tetrahedron Letters</i> , 2008 , 49, 6192-6194	2	38
79	Microwave-Assisted Rhodium-Complex-Catalyzed Cascade Decarbonylation and Asymmetric Pauson-Khand-Type Cyclizations. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 3403-3406	3.2	37
78	Synthesis of aryl phosphines by phosphination with triphenylphosphine catalyzed by palladium on charcoal. <i>Tetrahedron Letters</i> , 2001 , 42, 4883-4885	2	37
77	Oxidative coupling between C(sp ²)-H and C(sp ³)-H bonds of indoles and cyclic ethers/cycloalkanes. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 2608-12	3.9	36
76	An Efficient Class of P,N-Type PhMezole-phosphine Ligands: Applications in Palladium-Catalyzed Suzuki Coupling of Aryl Chlorides. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 4172-4177	3.2	35
75	Application of palladium-catalyzed Pd ^{II} -aryl/P ^{III} -aryl exchanges: preparation of functionalized aryl phosphines by phosphination of aryl bromides using triarylphosphines. <i>Tetrahedron</i> , 2004 , 60, 5635-5645	2.4	34
74	Synthesis of aryl phosphines via phosphination with triphenylphosphine by supported palladium catalysts. <i>Tetrahedron</i> , 2004 , 60, 9433-9439	2.4	34
73	Organocatalytic Asymmetric Aldol Reaction of Ketones with α,β -Unsaturated β -Keto Esters: An Efficient Access to Chiral Tertiary Alcohol Skeletons. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 1179-1184	5.6	33
72	Palladium-catalyzed direct arylation of polyfluoroarenes with aryl tosylates and mesylates. <i>RSC Advances</i> , 2012 , 2, 9179	3.7	32
71	Iron complex-catalyzed N-arylation of pyrazoles under aqueous medium. <i>Tetrahedron Letters</i> , 2009 , 50, 5868-5871	2	32

70	The Recent Development of Phosphine Ligands Derived from 2-Phosphino-Substituted Heterocycles and Their Applications in Palladium-Catalyzed Cross-Coupling Reactions. <i>Synlett</i> , 2012 , 23, 1132-1153	2.2	32
69	Enantioselective hydrogenation of alpha-aminomethylacrylates containing a free NH group for the synthesis of beta-amino acid derivatives. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 16787-92	11.5	32
68	Cascade Amination and Acetone Monoarylation with Aryl Iodides by Palladium/Norbornene Cooperative Catalysis. <i>Organic Letters</i> , 2017 , 19, 4335-4338	6.2	29
67	Exploiting Aryl Mesylates and Tosylates in Catalytic Mono-Arylation of Aryl- and Heteroarylketones. <i>Organic Letters</i> , 2016 , 18, 1872-5	6.2	29
66	Cu-catalyzed enantioselective conjugate addition of diethylzinc to cyclic enones with chiral phosphite ligands derived from 1,2:5,6-di-O-cyclohexylidene-d-mannitol. <i>Tetrahedron: Asymmetry</i> , 2007 , 18, 1899-1905		28
65	Regioselective Synthesis of Polycyclic and Heptagon-embedded Aromatic Compounds through a Versatile Extension of Aryl Halides. <i>Angewandte Chemie</i> , 2017 , 129, 7272-7276	3.6	27
64	A General Approach to the Synthesis of β -Amino Acid Derivatives via Highly Efficient Catalytic Asymmetric Hydrogenation of β -Aminomethylacrylates. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 1539-1553	5.6	27
63	Solvent-free palladium-catalyzed phosphination of aryl bromides and triflates with triphenylphosphine. <i>Tetrahedron Letters</i> , 2002 , 43, 3537-3539	2	26
62	Highly Efficient Asymmetric Hydrogenation of β -Unsaturated Carboxylic Acids Catalyzed by Ruthenium(II)-Dipyridylphosphine Complexes. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 517-520	5.6	24
61	Catalyst-free aza-Michael addition of azole to α,β -unsaturated β -keto ester: an efficient access to C=N bond formation. <i>Tetrahedron Letters</i> , 2012 , 53, 2887-2889	2	23
60	Chelating Retardation Effect in Nickel Assisted Phosphination: Syntheses of Atropisomeric P,N Ligands. <i>Tetrahedron</i> , 2000 , 56, 8893-8899	2.4	21
59	Cobalt-Catalyzed Tandem C=N Activation/C=N Cleavage/C=N Cyclization of Aromatic Amides with Alkylidenecyclopropanes. <i>Angewandte Chemie</i> , 2018 , 130, 6622-6626	3.6	20
58	A General Palladium-Catalyzed Hiyama Cross-Coupling Reaction of Aryl and Heteroaryl Chlorides. <i>Chemistry - A European Journal</i> , 2016 , 22, 6471-6	4.8	20
57	Palladium-Catalyzed N-Arylation of Sulfoximines with Aryl Sulfonates. <i>Journal of Organic Chemistry</i> , 2018 , 83, 11369-11376	4.2	20
56	P,N-Type benzimidazolyl phosphine ligands for the palladium-catalyzed Suzuki coupling of potassium aryltrifluoroborates and aryl chlorides. <i>Tetrahedron Letters</i> , 2012 , 53, 3754-3757	2	20
55	Chiral Phosphorus Ligands with Interesting Properties and Practical Applications. <i>Topics in Organometallic Chemistry</i> , 2011 , 29-65	0.6	20
54	Enantioselective Hydroalkynylation of Non-Polar Carbon-Carbon Double Bonds: Iridium-Catalyzed Asymmetric Addition Reaction of Terminal Alkyne C \equiv H Bonds to Substituted Norbornadienes. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 2345-2350	5.6	18
53	Preparation of a Highly Congested Carbazoyl-Derived P,N-Type Phosphine Ligand for Acetone Monoarylations. <i>Organometallics</i> , 2016 , 35, 1553-1558	3.8	18

52	Catalytic Direct C2-Alkenylation of Oxazoles at Parts per Million Levels of Palladium/PhMezole-Phos Complex. <i>Organic Letters</i> , 2016 , 18, 5300-5303	6.2	18
51	A General Palladium-Phosphine Complex To Explore Aryl Tosylates in the N-Arylation of Amines: Scope and Limitations. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 2465-2474	4.5	17
50	A Palladium-Catalyzed Arylation of Oxindoles with Aryl Tosylates. <i>Journal of Organic Chemistry</i> , 2017 , 82, 6468-6473	4.2	15
49	Open-air oxidative Mizoroki-Bleek reaction of arylsulfonyl hydrazides with alkenes. <i>RSC Advances</i> , 2016 , 6, 27584-27589	3.7	15
48	Pd-Catalyzed Allylic Alkynylation of Allylic Acetates with Terminal Alkynes. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 5330-5333	3.2	15
47	A benzo[c]carbazolyl-based phosphine ligand for Pd-catalyzed tetra-ortho-substituted biaryl syntheses. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 273-276	5.2	14
46	A general direct arylation of polyfluoroarenes with heteroaryl and aryl chlorides catalyzed by palladium indolylphosphine complexes. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 857-61	4.5	14
45	An Efficient Oxidative Cross-Coupling Reaction between C-H and N-H Bonds; A Transition-Metal-Free Protocol at Room Temperature. <i>Synlett</i> , 2013 , 24, 2009-2013	2.2	14
44	Palladium-catalysed mono-alkenylation of ketones with alkenyl tosylates. <i>Chemical Communications</i> , 2017 , 53, 952-955	5.8	13
43	Asymmetric Hydroalkynylation of Norbornadienes Promoted by Chiral Iridium Catalysts. <i>Angewandte Chemie</i> , 2012 , 124, 7941-7944	3.6	13
42	Convenient Palladium-Catalyzed Arsination: Direct Synthesis of Functionalized Aryl Arsines, Optically Active As,N-Ligands, and Their Metal Complexes. <i>Organometallics</i> , 2005 , 24, 4170-4178	3.8	13
41	Palladium-Catalyzed Direct Arylation of Polyfluoroarenes for Accessing Tetra-ortho-Substituted Biaryls: Buchwald-type Ligand Having Complementary -PPh Moiety Exhibits Better Efficiency. <i>Journal of Organic Chemistry</i> , 2018 , 83, 9008-9017	4.2	11
40	Buchwald-Hartwig Amination of Aryl Chlorides Catalyzed by Easily Accessible Benzimidazolyl Phosphine-Pd Complexes. <i>Synlett</i> , 2012 , 23, 1181-1186	2.2	11
39	Organocatalytic Approach for Assembling Flavanones via a Cascade 1,4-Conjugate Addition/-Michael Addition between Propargylamines with Water. <i>Organic Letters</i> , 2020 , 22, 4306-4310	6.2	11
38	A denitrogenative palladium-catalyzed cascade for regioselective synthesis of fluorenes. <i>Chemical Science</i> , 2019 , 11, 1411-1417	9.4	11
37	A ZnI-catalyzed regioselective cascade 1,4-conjugate addition/5-exo-dig annulation pathway for one-pot access to heterobiaryl frameworks. <i>Chemical Communications</i> , 2019 , 55, 15069-15072	5.8	11
36	Palladium-catalyzed cross-coupling of (hetero)aryl or alkenyl sulfonates with aryl titanium as the multi-functional reagent. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 926-932	5.2	10
35	Catalyst-Free Efficient Aza-Michael Addition of Azoles to Nitroalkenes. <i>Synlett</i> , 2012 , 23, 788-790	2.2	10

34	Rapid Access of Alkynyl and Alkenyl Coumarins via a Dipyrindinium Methylide and Propargylamine Cascade Reaction. <i>Organic Letters</i> , 2020 , 22, 7348-7352	6.2	10
33	A Direct C ² H Arylation of Unactivated Arenes Promoted by Mixed Potassium Alkoxides. <i>Asian Journal of Organic Chemistry</i> , 2014 , 3, 1262-1265	3	9
32	DMAP-Catalyzed Annulation Approach for Modular Assembly of Furan-Fused Chromenes. <i>Organic Letters</i> , 2020 , 22, 9444-9449	6.2	9
31	A Highly Efficient Monophosphine Ligand for Parts per Million Levels Pd-Catalyzed Suzuki-Miyaura Coupling of (Hetero)Aryl Chlorides. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 2846-2853	3.2	8
30	Palladium-catalyzed reductive cleavage of tosylated arenes using isopropanol as the mild reducing agent. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 464-467	5.2	8
29	Recent Advancement of Catalytic Pauson-Khand-type Reactions	181-210	7
28	Palladium-Catalyzed Regioselective Aromatic Extension of Internal Alkynes through a Norbornene-Controlled Reaction Sequence. <i>Angewandte Chemie</i> , 2018 , 130, 3439-3443	3.6	6
27	A General Suzuki-Miyaura Coupling of Aryl Chlorides with Potassium Aryltrifluoroborates in Water Catalyzed by an Efficient CPCy Phendole-phosphine Palladium Complex. <i>Synthesis</i> , 2014 , 46, 2826-2832	2.9	6
26	Sterically Hindered Amination of Aryl Chlorides Catalyzed by a New Carbazolyl-Derived P,N-Ligand-Composed Palladium Complex. <i>Synthesis</i> , 2019 , 51, 2678-2686	2.9	5
25	Cascade Lactonization/Benzannulation of Propargylamines with Dimethyl 3-Oxoglutarate for Modular Assembly of Hydroxylated/Arene-Functionalized Benzo[<i>a</i>]chromen-6-ones. <i>Organic Letters</i> , 2021 , 23, 6455-6460	6.2	5
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