

Fuk Yee Kwong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1966809/publications.pdf>

Version: 2024-02-01

161
papers

10,642
citations

20817

60
h-index

34986

98
g-index

254
all docs

254
docs citations

254
times ranked

7448
citing authors

#	ARTICLE	IF	CITATIONS
1	Organocatalysis in Cross-Coupling: DMEDA-Catalyzed Direct C ^{sp2} -H Arylation of Unactivated Benzene. <i>Journal of the American Chemical Society</i> , 2010, 132, 16737-16740.	13.7	547
2	Copper-Catalyzed Coupling of Alkylamines and Aryl Iodides: An Efficient System Even in an Air Atmosphere. <i>Organic Letters</i> , 2002, 4, 581-584.	4.6	506
3	A General, Efficient, and Inexpensive Catalyst System for the Coupling of Aryl Iodides and Thiols. <i>Organic Letters</i> , 2002, 4, 3517-3520.	4.6	481
4	Mild and Efficient Copper-Catalyzed Amination of Aryl Bromides with Primary Alkylamines. <i>Organic Letters</i> , 2003, 5, 793-796.	4.6	383
5	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, 5955-5965.	13.7	267
6	Palladium-catalyzed cross-coupling reactions of aryl mesylates. <i>Chemical Society Reviews</i> , 2011, 40, 4963.	38.1	266
7	Palladium-Catalyzed Cross-Dehydrogenative Functionalization of C(sp ²)-H Bonds. <i>Chemistry - an Asian Journal</i> , 2014, 9, 26-47.	3.3	249
8	A decade advancement of transition metal-catalyzed borylation of aryl halides and sulfonates. <i>RSC Advances</i> , 2013, 3, 12518.	3.6	200
9	A Decade of Advancements in Pauson-Khand-Type Reactions. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 789-811.	2.4	198
10	Palladium-Catalyzed Amination of Aryl Mesylates. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6402-6406.	13.8	194
11	Recent advances in developing new axially chiral phosphine ligands for asymmetric catalysis. <i>Coordination Chemistry Reviews</i> , 2007, 251, 2119-2144.	18.8	187
12	Palladium-Catalyzed Oxidative C-H Bond Coupling of Steered Acetanilides and Aldehydes: A Facile Access to ortho-Acylacetanilides. <i>Organic Letters</i> , 2011, 13, 3258-3261.	4.6	177
13	A General Palladium-Catalyzed Suzuki-Miyaura Coupling of Aryl Mesylates. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8059-8063.	13.8	169
14	Room-Temperature Copper-Catalyzed β -Arylation of Malonates. <i>Organic Letters</i> , 2007, 9, 3469-3472.	4.6	156
15	Advances and Applications in Organocatalytic Asymmetric aza-Michael Addition. <i>ChemCatChem</i> , 2012, 4, 917-925.	3.7	148
16	Toluene derivatives as simple coupling precursors for cascade palladium-catalyzed oxidative C-H bond acylation of acetanilides. <i>Chemical Communications</i> , 2013, 49, 689-691.	4.1	137
17	A Mild and Efficient Palladium-Catalyzed Cyanation of Aryl Chlorides with K ₄ [Fe(CN) ₆]. <i>Organic Letters</i> , 2011, 13, 648-651.	4.6	135
18	Easily Accessible and Highly Tunable Indolyl Phosphine Ligands for Suzuki-Miyaura Coupling of Aryl Chlorides. <i>Organic Letters</i> , 2007, 9, 2795-2798.	4.6	131

#	ARTICLE	IF	CITATIONS
19	Suzuki-Miyaura Coupling of Aryl Tosylates Catalyzed by an Array of Indolyl Phosphine-Palladium Catalysts. <i>Journal of Organic Chemistry</i> , 2008, 73, 7731-7734.	3.2	130
20	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, 5306-5309.	4.6	125
21	A Mild and Efficient Palladium-Catalyzed Cyanation of Aryl Mesylates in Water or <i>t</i> -BuOH/Water. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8918-8922.	13.8	118
22	Palladium-Catalyzed <i>ortho</i> -CH-Bond Oxygenation of Aromatic Ketones. <i>Organic Letters</i> , 2013, 15, 270-273.	4.6	116
23	Nickel-catalyzed asymmetric α -arylation of ketone enolates. <i>Chemical Communications</i> , 2006, , 1413.	4.1	114
24	A Radical Process towards the Development of Transition-Metal-Free Aromatic Carbon-Carbon Bond-Forming Reactions. <i>Chemistry - A European Journal</i> , 2013, 19, 15802-15814.	3.3	114
25	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.	13.8	108
26	A New Atropisomeric P,N Ligand for Rhodium-Catalyzed Asymmetric Hydroboration. <i>Journal of Organic Chemistry</i> , 2002, 67, 2769-2777.	3.2	99
27	Palladium-(<i>S</i> , <i>p</i>)- <i>R</i> -FerroNPS-Catalyzed Asymmetric Allylic Etherification: Electronic Effect of Nonconjugated Substituents on Benzylic Alcohols on Enantioselectivity. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1280-1283.	13.8	98
28	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, 7803-7806.	3.2	97
29	Palladium-Catalyzed Phosphorylation of Aryl Mesylates and Tosylates. <i>Organic Letters</i> , 2015, 17, 5906-5909.	4.6	97
30	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.	1.4	94
31	Palladium-Indolylphosphine-Catalyzed Hiyama Cross-Coupling of Aryl Mesylates. <i>Organic Letters</i> , 2009, 11, 317-320.	4.6	93
32	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.	13.8	89
33	Palladium-Catalyzed Direct and Regioselective C-H Bond Functionalization/Oxidative Acetoxylation of Indoles. <i>Journal of Organic Chemistry</i> , 2011, 76, 80-84.	3.2	88
34	Palladium-Catalyzed Direct Arylation of Heteroarenes with Aryl Mesylates. <i>Chemistry - A European Journal</i> , 2011, 17, 761-765.	3.3	88
35	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.	3.2	87
36	Recent developments on chiral P,S-type ligands and their applications in asymmetric catalysis. <i>Chemical Communications</i> , 2010, 46, 4649.	4.1	86

#	ARTICLE	IF	CITATIONS
37	Synthesis of Biaryl P,N Ligands by Novel Palladium-Catalyzed Phosphination Using Triarylphosphines: Catalytic Application of C ^α -P Activation. <i>Organometallics</i> , 2000, 19, 2058-2060.	2.3	84
38	Rhodium-Catalyzed Asymmetric Addition of Arylboronic Acids to \hat{I}^2 -Phthaliminoacrylate Esters toward the Synthesis of \hat{I}^2 -Amino Acids. <i>Journal of the American Chemical Society</i> , 2010, 132, 464-465.	13.7	81
39	Synthesis of 3-Cyanoindole Derivatives Mediated by Copper(I) Iodide Using Benzyl Cyanide. <i>Journal of Organic Chemistry</i> , 2013, 78, 3374-3378.	3.2	81
40	Recent developments in palladium-catalysed non-directed coupling of (hetero)arene C ^α -H bonds with C ^α -Z (Z = B, Si, Sn, S, N, C, H) bonds in bi(hetero)aryl synthesis. <i>Organic Chemistry Frontiers</i> , 2018, 5, 288-321.	4.5	80
41	Remarkably Effective Phosphanes Simply with a PPh ₂ Moiety: Application to Pd-Catalysed Cross-Coupling Reactions for Tetraortho-substituted Biaryl Syntheses. <i>Chemistry - A European Journal</i> , 2010, 16, 7996-8001.	3.3	77
42	Carbon-Boron Bond Cross-Coupling Reaction Catalyzed by \hat{P}^2 Containing Palladium-Indolylphosphine Complexes. <i>Journal of Organic Chemistry</i> , 2012, 77, 3543-3548.	3.2	77
43	Recent Developments on Hemilabile P,O-Type Ligands in Cross-Coupling Reactions. <i>Synlett</i> , 2008, 2008, 1440-1448.	1.8	75
44	Rhodium-Catalyzed Asymmetric Aqueous Pauson-Khand-Type Reaction. <i>Chemistry - A European Journal</i> , 2005, 11, 3872-3880.	3.3	74
45	A general synthesis of aryl phosphines by palladium catalyzed phosphination of aryl bromides using triarylphosphines. <i>Chemical Communications</i> , 2000, , 1069-1070.	4.1	73
46	Palladium-Catalyzed Decarboxylative Arylation of Potassium Cyanoacetate: Synthesis of \hat{I}^{\pm} -Diaryl Nitriles from Aryl Halides. <i>Organic Letters</i> , 2011, 13, 2912-2915.	4.6	73
47	Regioselective Direct C-3 Arylation of Imidazo[1,2- <i>a</i>]pyridines with Aryl Tosylates and Mesylates Promoted by Palladium-Phosphine Complexes. <i>Journal of Organic Chemistry</i> , 2015, 80, 1457-1463.	3.2	73
48	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.	4.1	72
49	A simple and highly efficient P,O-type ligand for Suzuki-Miyaura cross-coupling of aryl halides. <i>Chemical Communications</i> , 2004, , 1922-1923.	4.1	71
50	Palladium-Catalyzed Regioselective Aromatic Extension of Internal Alkynes through a Norbornene-Controlled Reaction Sequence. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3381-3385.	13.8	70
51	A Novel Synthesis of Atropisomeric P,N Ligands by Catalytic Phosphination Using Triarylphosphines. <i>Organometallics</i> , 2001, 20, 2570-2578.	2.3	69
52	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, 4115-4120.	3.3	69
53	Accessing Axially Chiral Biaryls via Organocatalytic Enantioselective Dynamic-Kinetic Resolution-Sempinacol Rearrangement. <i>ACS Catalysis</i> , 2017, 7, 4435-4440.	11.2	69
54	Palladium-Catalyzed Cross-Coupling of Aryl Halides Using Organotitanium Nucleophiles. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7436-7439.	13.8	67

#	ARTICLE	IF	CITATIONS
55	Highly Enantioselective and Efficient Organocatalytic Aldol Reaction of Acetone and \hat{I}^2, \hat{I}^3 -Unsaturated \hat{I}^{\pm} -Keto Ester. <i>Organic Letters</i> , 2010, 12, 5616-5619.	4.6	67
56	Asymmetric Hydroalkynylation of Norbornadienes Promoted by Chiral Iridium Catalysts. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7821-7824.	13.8	67
57	Rhodium-BisbenzodioxanPhos Complex-Catalyzed Homogeneous Enantioselective Pauson-Khand-Type Cyclization in Alcoholic Solvents. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1750-1754.	4.3	66
58	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, 15352-15354.	4.1	66
59	A General Palladium Catalyst System for Suzuki-Miyaura Coupling of Potassium Aryltrifluoroborates and Aryl Mesylates. <i>Journal of Organic Chemistry</i> , 2010, 75, 5109-5112.	3.2	65
60	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, 6913-6917.	3.3	63
61	Design of an Indolylphosphine Ligand for Reductive Elimination-Demanding Monoarylation of Acetone Using Aryl Chlorides. <i>Organic Letters</i> , 2015, 17, 4612-4615.	4.6	61
62	An active ferrocenyl triarylphosphine for palladium-catalyzed Suzuki-Miyaura cross-coupling of aryl halides. <i>Chemical Communications</i> , 2004, , 2336-2337.	4.1	60
63	Highly Enantioselective Catalytic Alkynylation of Ketones - A Convenient Approach to Optically Active Propargylic Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 1926-1933.	4.3	59
64	Highly efficient carbazolyl-derived phosphine ligands: application to sterically hindered biaryl couplings. <i>Chemical Communications</i> , 2011, 47, 5079.	4.1	59
65	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.	1.4	59
66	A versatile palladium catalyst system for Suzuki-Miyaura coupling of alkenyl tosylates and mesylates. <i>Chemical Communications</i> , 2011, 47, 8328.	4.1	58
67	Copper-Catalyzed Oxidative C-H Amination of Tetrahydrofuran with Indole/Carbazole Derivatives. <i>Journal of Organic Chemistry</i> , 2015, 80, 11193-11199.	3.2	57
68	Formate as a CO surrogate for cascade processes: Rh-catalyzed cooperative decarbonylation and asymmetric Pauson-Khand-type cyclization reactions. <i>Chemical Communications</i> , 2007, , 2633-2635.	4.1	54
69	Easily Accessible Benzamide-Derived P,O Ligands (Bphos) for Palladium-Catalyzed Carbon-Nitrogen Bond-Forming Reactions. <i>Chemistry - an Asian Journal</i> , 2007, 2, 306-313.	3.3	54
70	Palladium-Catalyzed Sonogashira Coupling of Aryl Mesylates and Tosylates. <i>Chemistry - A European Journal</i> , 2010, 16, 9982-9985.	3.3	54
71	When cross-coupling partners meet indolylphosphines. <i>Coordination Chemistry Reviews</i> , 2015, 293-294, 158-186.	18.8	54
72	Palladium-catalyzed phosphination of functionalized aryl triflates. <i>Tetrahedron</i> , 2003, 59, 10295-10305.	1.9	52

#	ARTICLE	IF	CITATIONS
73	Catalytic Solvent-Free Arsination: First Catalytic Application of Pd ^{II} /Ar/As ^{III} /Ph Exchange in the Syntheses of Functionalized Aryl Arsines. <i>Journal of the American Chemical Society</i> , 2001, 123, 8864-8865.	13.7	51
74	Iridium-catalyzed cascade decarbonylation/highly enantioselective Pauson-Khand-type cyclization reactions. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 1238-1252.	1.8	50
75	A novel synthesis of functionalised tertiary phosphines by palladium catalysed phosphination with triarylphosphines. <i>Tetrahedron Letters</i> , 2000, 41, 10285-10289.	1.4	49
76	Organocatalytic asymmetric Michael-type reaction between α,β -unsaturated α -keto ester and α -nitro ketone. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7997.	2.8	49
77	Direct intermolecular C-H arylation of unactivated arenes with aryl bromides catalysed by 2-pyridyl carbinol. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 6820-6823.	2.8	48
78	Synthesis of aryl phosphines by phosphination with triphenylphosphine catalyzed by palladium on charcoal. <i>Tetrahedron Letters</i> , 2001, 42, 4883-4885.	1.4	46
79	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, 2608-2612.	2.8	45
80	An Efficient Class of P,N-Type α -PhMezole α -Phos α -Ligands: Applications in Palladium-Catalyzed Suzuki Coupling of Aryl Chlorides. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4172-4177.	2.4	44
81	Application of palladium-catalyzed Pd ^{II} /P ^{III} aryl exchanges: preparation of functionalized aryl phosphines by phosphination of aryl bromides using triarylphosphines. <i>Tetrahedron</i> , 2004, 60, 5635-5645.	1.9	42
82	Microwave-Assisted Rhodium-Complex-Catalyzed Cascade Decarbonylation and Asymmetric Pauson-Khand-Type Cyclizations. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3403-3406.	2.4	42
83	Copper(I)-picolinic acid catalyzed N-arylation of hydrazides. <i>Tetrahedron Letters</i> , 2008, 49, 6192-6194.	1.4	42
84	Direct Oxidative C-H Arylation of Benzoxazoles with Arylsulfonyl Hydrazides Promoted by Palladium Complexes. <i>Synlett</i> , 2012, 23, 2714-2718.	1.8	42
85	Iron complex-catalyzed N-arylation of pyrazoles under aqueous medium. <i>Tetrahedron Letters</i> , 2009, 50, 5868-5871.	1.4	38
86	Synthesis of aryl phosphines via phosphination with triphenylphosphine by supported palladium catalysts. <i>Tetrahedron</i> , 2004, 60, 9433-9439.	1.9	37
87	Palladium-catalyzed direct arylation of polyfluoroarenes with aryl tosylates and mesylates. <i>RSC Advances</i> , 2012, 2, 9179.	3.6	37
88	Cascade Amination and Acetone Monoarylation with Aryl Iodides by Palladium/Norbornene Cooperative Catalysis. <i>Organic Letters</i> , 2017, 19, 4335-4338.	4.6	36
89	Organocatalytic Asymmetric Aldol Reaction of Ketones with α,β -Unsaturated α -Keto Esters: An Efficient Access to Chiral Tertiary Alcohol Skeletons. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1179-1184.	4.3	35
90	Catalyst-free aza-Michael addition of azole to α,β -unsaturated α -keto ester: an efficient access to C-H bond formation. <i>Tetrahedron Letters</i> , 2012, 53, 2887-2889.	1.4	35

#	ARTICLE	IF	CITATIONS
91	Exploiting Aryl Mesylates and Tosylates in Catalytic Mono-arylation of Aryl- and Heteroarylketones. <i>Organic Letters</i> , 2016, 18, 1872-1875.	4.6	35
92	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.	1.8	34
93	Enantioselective hydrogenation of α -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, 16787-16792.	7.1	33
94	A General Approach to the Synthesis of β -Amino Acid Derivatives via Highly Efficient Catalytic Asymmetric Hydrogenation of α -Aminomethylacrylates. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1539-1553.	4.3	32
95	A General Palladium-Catalyzed Hiyama Cross-Coupling Reaction of Aryl and Heteroaryl Chlorides. <i>Chemistry - A European Journal</i> , 2016, 22, 6471-6476.	3.3	32
96	Solvent-free palladium-catalyzed phosphination of aryl bromides and triflates with triphenylphosphine. <i>Tetrahedron Letters</i> , 2002, 43, 3537-3539.	1.4	31
97	Regioselective Synthesis of Polycyclic and Heptagon-embedded Aromatic Compounds through a Versatile Extension of Aryl Halides. <i>Angewandte Chemie</i> , 2017, 129, 7272-7276.	2.0	31
98	Highly Efficient Asymmetric Hydrogenation of α,β -Unsaturated Carboxylic Acids Catalyzed by Ruthenium(II)-Dipyridylphosphine Complexes. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 517-520.	4.3	28
99	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.	1.8	28
100	DMAP-Catalyzed Annulation Approach for Modular Assembly of Furan-Fused Chromenes. <i>Organic Letters</i> , 2020, 22, 9444-9449.	4.6	28
101	Palladium-Catalyzed N-Arylation of Sulfoximines with Aryl Sulfonates. <i>Journal of Organic Chemistry</i> , 2018, 83, 11369-11376.	3.2	27
102	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.	3.3	27
103	Organocatalytic Approach for Assembling Flavanones via a Cascade 1,4-Conjugate Addition/Oxa-Michael Addition between Propargylamines with Water. <i>Organic Letters</i> , 2020, 22, 4306-4310.	4.6	27
104	Enantioselective Hydroalkynylation of Non-Polar Carbon-Carbon Double Bonds: Iridium-Catalyzed Asymmetric Addition Reaction of Terminal Alkyne C-H Bonds to Substituted Norbornadienes. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2345-2350.	4.3	25
105	Catalytic Direct C2-Alkenylation of Oxazoles at Parts per Million Levels of Palladium/PhMezole-Phos Complex. <i>Organic Letters</i> , 2016, 18, 5300-5303.	4.6	24
106	Cobalt-Catalyzed Tandem C-H Activation/C-C Cleavage/C-H Cyclization of Aromatic Amides with Alkylidenecyclopropanes. <i>Angewandte Chemie</i> , 2018, 130, 6622-6626.	2.0	24
107	Chelating Retardation Effect in Nickel Assisted Phosphination: Syntheses of Atropisomeric P,N Ligands. <i>Tetrahedron</i> , 2000, 56, 8893-8899.	1.9	23
108	Preparation of a Highly Congested Carbazoyl-Derived P,N-Type Phosphine Ligand for Acetone Monoarylations. <i>Organometallics</i> , 2016, 35, 1553-1558.	2.3	23

#	ARTICLE	IF	CITATIONS
109	Chiral Phosphorus Ligands with Interesting Properties and Practical Applications. Topics in Organometallic Chemistry, 2011, , 29-65.	0.7	23
110	P,N-Type benzimidazolyl phosphine ligands for the palladium-catalyzed Suzuki coupling of potassium aryltrifluoroborates and aryl chlorides. Tetrahedron Letters, 2012, 53, 3754-3757.	1.4	22
111	Rapid Access of Alkynyl and Alkenyl Coumarins via a Dipyridinium Methylide and Propargylamine Cascade Reaction. Organic Letters, 2020, 22, 7348-7352.	4.6	22
112	Palladium-Catalyzed Direct Arylation of Polyfluoroarenes for Accessing Tetra-ortho-Substituted Biaryls: Buchwald-type Ligand Having Complementary σ -PPH ₂ Moiety Exhibits Better Efficiency. Journal of Organic Chemistry, 2018, 83, 9008-9017.	3.2	21
113	A General Direct Arylation of Polyfluoroarenes with Heteroaryl and Aryl Chlorides Catalyzed by Palladium Indolylphosphine Complexes. Chemistry - an Asian Journal, 2015, 10, 857-861.	3.3	20
114	A denitrogenative palladium-catalyzed cascade for regioselective synthesis of fluorenes. Chemical Science, 2020, 11, 1411-1417.	7.4	20
115	Open-air oxidative Mizoroki-Heck reaction of arylsulfonyl hydrazides with alkenes. RSC Advances, 2016, 6, 27584-27589.	3.6	19
116	A benzo[c]carbazolyl-based phosphine ligand for Pd-catalyzed tetra-ortho-substituted biaryl syntheses. Organic Chemistry Frontiers, 2016, 3, 273-276.	4.5	19
117	An Efficient Oxidative Cross-Coupling Reaction between C-H and N-H Bonds; A Transition-Metal-Free Protocol at Room Temperature. Synlett, 2013, 24, 2009-2013.	1.8	18
118	A Palladium-Catalyzed β -Arylation of Oxindoles with Aryl Tosylates. Journal of Organic Chemistry, 2017, 82, 6468-6473.	3.2	18
119	Palladium-catalysed mono- β -alkenylation of ketones with alkenyl tosylates. Chemical Communications, 2017, 53, 952-955.	4.1	18
120	A Zn ₂ -catalyzed regioselective cascade 1,4-conjugate addition/5-exo-dig annulation pathway for one-pot access to heterobiaryl frameworks. Chemical Communications, 2019, 55, 15069-15072.	4.1	18
121	Cascade Lactonization/Benzannulation of Propargylamines with Dimethyl 3-Oxoglutarate for Modular Assembly of Hydroxylated/Arene-Functionalized Benzo[<i>c</i>]chromen-6-ones. Organic Letters, 2021, 23, 6455-6460.	4.6	18
122	Pd-Catalyzed Allylic Alkynylation of Allylic Acetates with Terminal Alkynes. European Journal of Organic Chemistry, 2015, 2015, 5330-5333.	2.4	17
123	Palladium-catalyzed cross-coupling of (hetero)aryl or alkenyl sulfonates with aryl titanium as the multi-functional reagent. Organic Chemistry Frontiers, 2020, 7, 926-932.	4.5	17
124	Catalyst-Free Efficient Aza-Michael Addition of Azoles to Nitroalkenes. Synlett, 2012, 23, 788-790.	1.8	16
125	Recent advances in rhodium-catalysed cross-dehydrogenative-coupling between two C(sp ²)-H bonds. Organic Chemistry Frontiers, 2022, 9, 1992-2012.	4.5	16
126	Convenient Palladium-Catalyzed Arsination: Direct Synthesis of Functionalized Aryl Arsines, Optically Active As ₂ N Ligands, and Their Metal Complexes. Organometallics, 2005, 24, 4170-4178.	2.3	14

#	ARTICLE	IF	CITATIONS
127	A cascade double 1,4-addition/intramolecular annulation strategy for expeditious assembly of unsymmetrical dibenzofurans. <i>Communications Chemistry</i> , 2021, 4, .	4.5	14
128	Palladium-catalyzed reductive cleavage of tosylated arenes using isopropanol as the mild reducing agent. <i>Organic Chemistry Frontiers</i> , 2014, 1, 464-467.	4.5	13
129	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.	2.4	13
130	Buchwald-Hartwig Amination of Aryl Chlorides Catalyzed by Easily Accessible Benzimidazolyl Phosphine-Pd Complexes. <i>Synlett</i> , 2012, 23, 1181-1186.	1.8	12
131	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.	2.3	12
132	A Direct C-H Arylation of Unactivated Arenes Promoted by Mixed Potassium Alkoxides. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 1262-1265.	2.7	10
133	Palladium-Catalyzed Miyaura Borylation of Overly Crowded Aryl Chlorides Enabled by a Complementary Localized/Remote Steric Bulk of Ligand Chassis. <i>ACS Catalysis</i> , 2022, 12, 3507-3515.	11.2	10
134	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.	2.3	9
135	Assembly of Furazan-Fused Quinolines via an Expeditious Metal-Free [2+2+1] Radical Tandem Cyclization Process. <i>Organic Letters</i> , 2021, 23, 6520-6524.	4.6	8
136	Facile Assembly of Carbazolyl-Derived Phosphine Ligands and Their Applications in Palladium-Catalyzed Sterically Hindered Arylation Processes. <i>Organic Process Research and Development</i> , 2019, 23, 1602-1609.	2.7	7
137	Palladium-Catalyzed Monoarylation of Arylhydrazines with Aryl Tosylates. <i>Journal of Organic Chemistry</i> , 2020, 85, 14664-14673.	3.2	7
138	Design of Benzimidazolyl Phosphines Bearing Alterable P,O or P,N-Coordination: Synthesis, Characterization, and Insights into Their Reactivity. <i>Organometallics</i> , 2021, 40, 2265-2271.	2.3	7
139	Palladium-Catalyzed Regioselective Aromatic Extension of Internal Alkynes through a Norbornene-Controlled Reaction Sequence. <i>Angewandte Chemie</i> , 2018, 130, 3439-3443.	2.0	6
140	Recent explorations of palladium-catalyzed regioselective aromatic extension processes. <i>Tetrahedron Letters</i> , 2021, 62, 152670.	1.4	6
141	Asymmetric hydrogenation of aromatic ketones using new chiral-bridged diphosphine/diamine-Ru(II) complexes. <i>Chinese Chemical Letters</i> , 2010, 21, 1403-1406.	9.0	5
142	Synthesis of Flavone Derivatives through Versatile Palladium-Catalyzed Cross-Coupling Reactions of Tosyloxy- and Mesyloxyflavones. <i>Synlett</i> , 2019, 30, 731-737.	1.8	5
143	Rhodium-Catalyzed Cross-Coupling of Arylboronic Acids Using Vinyl Acetate as the Electrophilic Partner. <i>Synlett</i> , 2009, 2009, 3151-3154.	1.8	4
144	Iron-Catalyzed S-Arylation of Benzothiazole with Aryl Iodides under Aqueous Medium: Facile Synthesis of Aryl(2-aminoaryl) Sulfides. <i>Synlett</i> , 2014, 25, 2743-2747.	1.8	4

#	ARTICLE	IF	CITATIONS
145	Palladacycles as Precatalysts for Heck and Sonogashira Cross-Coupling Reactions. , 2019, , 21-173.		4
146	Rh-Catalyzed Aqueous Pauson-Khand-Type Cycloaddition in Microwave-Irradiated Medium. Synlett, 2008, 2008, 1553-1556.	1.8	3
147	Synthesis of Thiophene-Based π -Conjugated Oligomers via Ligand-Enabled Pd-Catalyzed Suzuki-Miyaura Coupling of Haloterthienyls. Chemistry - an Asian Journal, 2018, 13, 1660-1663.	3.3	3
148	<i>N</i> -Difluoromethylation of <i>N</i> -pyridyl-substituted anilines with ethyl bromodifluoroacetate. Organic and Biomolecular Chemistry, 2022, 20, 1883-1887.	2.8	3
149	A Highly Efficient Chiral-Bridged Diphosphine Ligand Modified Cationic Palladium(II) Catalyst System for Asymmetric Alternating Copolymerization of Propene and Carbon Monoxide. Synlett, 2009, 2009, 2696-2700.	1.8	2
150	Palladium-Catalyzed Direct $C-H$ Olefination of Polyfluoroarenes with Alkenyl Tosylates. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	2
151	Application of palladium-catalyzed Pd ⁰ aryl/P ⁰ aryl exchanges: preparation of functionalized aryl phosphines by phosphination of aryl bromides using triarylphosphines. Tetrahedron, 2004, 60, 5635-5635.	1.9	1
152	A Simple and Highly Efficient P,O-Type Ligand for Suzuki-Miyaura Cross-Coupling of Aryl Halides.. ChemInform, 2005, 36, no.	0.0	1
153	Titelbild: Cobalt-Catalyzed Tandem $C-H$ Activation/ $C-C$ Cleavage/ $C-H$ Cyclization of Aromatic Amides with Alkylidenecyclopropanes (Angew. Chem. 22/2018). Angewandte Chemie, 2018, 130, 6463-6463.	2.0	1
154	A General, Efficient, and Inexpensive Catalyst System for the Coupling of Aryl Iodides and Thiols.. ChemInform, 2003, 34, no.	0.0	0
155	Mild and Efficient Copper-Catalyzed Amination of Aryl Bromides with Primary Alkylamines.. ChemInform, 2003, 34, no.	0.0	0
156	Palladium-Catalyzed Phosphination of Functionalized Aryl Triflates.. ChemInform, 2004, 35, no.	0.0	0
157	Application of Palladium-Catalyzed Pd ⁰ aryl/P ⁰ aryl Exchanges: Preparation of Functionalized Aryl Phosphines by Phosphination of Aryl Bromides Using Triarylphosphines.. ChemInform, 2004, 35, no.	0.0	0
158	Synthesis of Aryl Phosphines via Phosphination with Triphenylphosphine by Supported Palladium Catalysts.. ChemInform, 2005, 36, no.	0.0	0
159	An Active Ferrocenyl Triarylphosphine for Palladium-Catalyzed Suzuki-Miyaura Cross-Coupling of Aryl Halides.. ChemInform, 2005, 36, no.	0.0	0
160	Convenient Palladium-Catalyzed Arsination: Direct Synthesis of Functionalized Aryl Arsines, Optically Active As,N Ligands, and Their Metal Complexes.. ChemInform, 2005, 36, no.	0.0	0
161	Homogeneous Catalysis from Young Investigators in Asia. Chemistry - an Asian Journal, 2018, 13, .	3.3	0