

Patrick J Walsh

List of Publications by Year in descending order

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191
papers

8,475
citations

38660

50
h-index

62479

80
g-index

206
all docs

206
docs citations

206
times ranked

7368
citing authors

#	ARTICLE	IF	CITATIONS
1	A Green Chemistry Approach to Asymmetric Catalysis: Solvent-Free and Highly Concentrated Reactions. <i>Chemical Reviews</i> , 2007, 107, 2503-2545.	23.0	328
2	Palladium-Catalyzed C(sp ³)-H Arylation of Diarylmethanes at Room Temperature: Synthesis of Triarylmethanes via Deprotonative-Cross-Coupling Processes. <i>Journal of the American Chemical Society</i> , 2012, 134, 13765-13772.	6.6	192
3	Use of Achiral and Meso Ligands To Convey Asymmetry in Enantioselective Catalysis. <i>Chemical Reviews</i> , 2003, 103, 3297-3344.	23.0	187
4	The electrochemical behavior of cerium(III/IV) complexes: Thermodynamics, kinetics and applications in synthesis. <i>Coordination Chemistry Reviews</i> , 2014, 260, 21-36.	9.5	169
5	NiXantphos: A Deprotonatable Ligand for Room-Temperature Palladium-Catalyzed Cross-Couplings of Aryl Chlorides. <i>Journal of the American Chemical Society</i> , 2014, 136, 6276-6287.	6.6	145
6	Photocatalytic C-H activation and the subtle role of chlorine radical complexation in reactivity. <i>Science</i> , 2021, 372, 847-852.	6.0	144
7	Cobalt-Bisoxazoline-Catalyzed Asymmetric Kumada Cross-Coupling of Racemic \pm -Bromo Esters with Aryl Grignard Reagents. <i>Journal of the American Chemical Society</i> , 2014, 136, 17662-17668.	6.6	137
8	Titanium-Catalyzed Enantioselective Additions of Alkyl Groups to Aldehydes: Mechanistic Studies and New Concepts in Asymmetric Catalysis. <i>Accounts of Chemical Research</i> , 2003, 36, 739-749.	7.6	132
9	Nickel/Photoredox-Catalyzed Asymmetric Reductive Cross-Coupling of Racemic \pm -Chloro Esters with Aryl Iodides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5172-5177.	7.2	117
10	Tandem Reactions for Streamlining Synthesis: Enantio- and Diastereoselective One-Pot Generation of Functionalized Epoxy Alcohols. <i>Accounts of Chemical Research</i> , 2008, 41, 883-893.	7.6	116
11	Diaryl Sulfoxides from Aryl Benzyl Sulfoxides: A Single Palladium-Catalyzed Triple Relay Process. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 260-264.	7.2	110
12	Innentitelbild: Synergistic N-Heterocyclic Carbene/Palladium-Catalyzed Umpolung 1,4-Addition of Aryl Iodides to Enals (<i>Angew. Chem.</i> 1/2020). <i>Angewandte Chemie</i> , 2020, 132, 2-2.	1.6	110
13	Raising the α Limit of Soft Nucleophiles in Palladium-Catalyzed Allylic Substitutions: Application of Diarylmethane Pronucleophiles. <i>Journal of the American Chemical Society</i> , 2013, 135, 17602-17609.	6.6	109
14	Four-Carbon Criegee Intermediate from Isoprene Ozonolysis: Methyl Vinyl Ketone Oxide Synthesis, Infrared Spectrum, and OH Production. <i>Journal of the American Chemical Society</i> , 2018, 140, 10866-10880.	6.6	109
15	Palladium-Catalyzed Direct Arylation of Methyl Sulfoxides with Aryl Halides. <i>Journal of the American Chemical Society</i> , 2013, 135, 3740-3743.	6.6	108
16	Synthesis of Polyarylated Methanes through Cross-Coupling of Tricarbonylchromium-Activated Benzylolithiums. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5541-5544.	7.2	104
17	Visible light-promoted CO ₂ fixation with imines to synthesize diaryl \pm -amino acids. <i>Nature Communications</i> , 2018, 9, 4936.	5.8	99
18	Palladium-Catalyzed Allylic Substitution with (η -Arene) CH_2Z Cr(CO) ₃ -Based Nucleophiles. <i>Journal of the American Chemical Society</i> , 2011, 133, 20552-20560.	6.6	93

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19	Transition-metal-free chemo- and regioselective vinylation of azaallyls. <i>Nature Chemistry</i> , 2017, 9, 997-1004.	6.6	91
20	Additive effects on palladium-catalyzed deprotonative-cross-coupling processes (DCCP) of $\text{sp}^3\text{-C-H}$ bonds in diarylmethanes. <i>Chemical Science</i> , 2013, 4, 849-857.	3.7	90
21	Synthesis of diarylmethylamines via palladium-catalyzed regioselective arylation of 1,1,3-triaryl-2-azaallyl anions. <i>Chemical Science</i> , 2014, 5, 2383.	3.7	86
22	The Impact of Ligand Reorganization on Cerium(III) Oxidation Chemistry. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10159-10163.	7.2	80
23	Nickel-catalyzed arylation of heteroaryl-containing diarylmethanes: exceptional reactivity of the Ni(NIXANTPHOS)-based catalyst. <i>Chemical Science</i> , 2016, 7, 611-618.	3.7	79
24	Transition-Metal-Free Radical $\text{C}(\text{sp}^3)\text{-C}(\text{sp}^2)$ and $\text{C}(\text{sp}^3)\text{-C}(\text{sp}^3)$ Coupling Enabled by 2-Azaallyls as Super-Electron-Donors and Coupling-Partners. <i>Journal of the American Chemical Society</i> , 2017, 139, 16327-16333.	6.6	77
25	Synthesis of BCP Benzylamines From 2-Azaallyl Anions and [1.1.1]Propellane. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15857-15861.	7.2	77
26	Migratory functionalization of unactivated alkyl bromides for construction of all-carbon quaternary centers via transposed tert-C-radicals. <i>Nature Communications</i> , 2020, 11, 4860.	5.8	77
27	Asymmetric Cross-Coupling of Aryl Triflates to the Benzylic Position of Benzylamines. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11510-11513.	7.2	74
28	Catalytic Asymmetric Generation of (<i>Z</i>)-Disubstituted Allylic Alcohols. <i>Journal of the American Chemical Society</i> , 2007, 129, 16119-16125.	6.6	72
29	Cation- π Interactions in the Benzylic Arylation of Toluenes with Bimetallic Catalysts. <i>Journal of the American Chemical Society</i> , 2018, 140, 12415-12423.	6.6	72
30	Palladium-Catalyzed C-H Arylation of E,Z -Unsaturated Imines: Catalyst-Controlled Synthesis of Enamine and Allylic Amine Derivatives. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2825-2829.	7.2	71
31	Palladium-Catalyzed Enantioselective Arylation of Aryl Sulfenate Anions: A Combined Experimental and Computational Study. <i>Journal of the American Chemical Society</i> , 2017, 139, 8337-8345.	6.6	71
32	Nickel-Catalyzed Allylic Alkylation with Diarylmethane Pronucleophiles: Reaction Development and Mechanistic Insights. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1070-1074.	7.2	69
33	One-pot aminobenzoylation of aldehydes with toluenes. <i>Nature Communications</i> , 2018, 9, 3365.	5.8	69
34	Synthesis of Indoles through Domino Reactions of 2-Fluorotoluenes and Nitriles. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11033-11038.	7.2	69
35	Tuning Reactivity and Electronic Properties through Ligand Reorganization within a Cerium Heterobimetallic Framework. <i>Journal of the American Chemical Society</i> , 2013, 135, 19016-19024.	6.6	68
36	Palladium-Catalyzed Arylation of Alkyl Sulfenate Anions. <i>Journal of the American Chemical Society</i> , 2015, 137, 13887-13893.	6.6	68

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37	Visible-Light-Mediated Umpolung Reactivity of Imines: Ketimine Reductions with Cy ₂ NMe and Water. <i>Organic Letters</i> , 2018, 20, 2433-2436.	2.4	68
38	Palladium-Catalyzed Debenzylative Cross-Coupling of Aryl Benzyl Sulfides with Aryl Bromides: Synthesis of Diaryl Sulfides. <i>Organic Letters</i> , 2014, 16, 5304-5307.	2.4	65
39	Photoredox-catalyzed oxo-amination of aryl cyclopropanes. <i>Nature Communications</i> , 2019, 10, 4367.	5.8	65
40	Palladium-Catalyzed Regioselective Arylation of 1,1,3-Triaryl-2-azaallyl Anions with Aryl Chlorides. <i>Organic Letters</i> , 2014, 16, 4312-4315.	2.4	63
41	Direct kinetic measurements and theoretical predictions of an isoprene-derived Criegee intermediate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9733-9740.	3.3	63
42	Asymmetric Cyclopropanation of Allylic Alcohols Employing Sulfonamide/Schiff Base Ligands. <i>Journal of Organic Chemistry</i> , 2000, 65, 5005-5008.	1.7	62
43	Efficient Approaches to the Stereoselective Synthesis of Cyclopropyl Alcohols. <i>Accounts of Chemical Research</i> , 2012, 45, 1533-1547.	7.6	62
44	Palladium-Catalyzed Asymmetric Allylic Alkylations with Toluene Derivatives as Pronucleophiles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2526-2530.	7.2	61
45	Synthesis of Benzofuran Derivatives through Cascade Radical Cyclization/Intermolecular Coupling of 2-Azaallyls. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2826-2830.	7.2	60
46	Unprecedented Alkene Complex of Zinc(II): Structures and Bonding of Divinylzinc Complexes. <i>Journal of the American Chemical Society</i> , 2006, 128, 4624-4631.	6.6	59
47	A General and Practical Palladium-Catalyzed Direct Arylation of Amides with Aryl Halides. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 165-178.	2.1	59
48	Arylation of Aldehyde Homo-enolates with Aryl Bromides. <i>Organic Letters</i> , 2013, 15, 2298-2301.	2.4	57
49	One-Pot Multicomponent Coupling Methods for the Synthesis of Diastereo- and Enantioenriched (<i>Z</i>)-Trisubstituted Allylic Alcohols. <i>Journal of the American Chemical Society</i> , 2009, 131, 8434-8445.	6.6	55
50	Highly Enantio- and Diastereoselective One-Pot Methods for the Synthesis of Halocyclopropyl Alcohols. <i>Journal of the American Chemical Society</i> , 2009, 131, 954-962.	6.6	54
51	Synergistic N-Heterocyclic Carbene/Palladium-Catalyzed Umpolung 1,4-Addition of Aryl Iodides to Enals. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 161-166.	7.2	54
52	A One-Pot Multicomponent Coupling Reaction for the Stereocontrolled Synthesis of (<i>Z</i>)-Trisubstituted Allylic Alcohols. <i>Journal of the American Chemical Society</i> , 2004, 126, 3702-3703.	6.6	53
53	Positional Selectivity in C-H Functionalizations of 2-Benzylfurans with Bimetallic Catalysts. <i>Journal of the American Chemical Society</i> , 2016, 138, 4260-4266.	6.6	53
54	Reductive Cross-Coupling of Aldehydes and Imines Mediated by Visible Light Photoredox Catalysis. <i>Organic Letters</i> , 2019, 21, 27-31.	2.4	53

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55	Overriding Felkin Control: A General Method for Highly Diastereoselective Chelation-Controlled Additions to $\hat{\pm}$ -Silyloxy Aldehydes. <i>Journal of the American Chemical Society</i> , 2010, 132, 4399-4408.	6.6	52
56	Synthesis, Electronic Spectroscopy, and Photochemistry of Methacrolein Oxide: A Four-Carbon Unsaturated Criegee Intermediate from Isoprene Ozonolysis. <i>Journal of the American Chemical Society</i> , 2019, 141, 15058-15069.	6.6	52
57	Insight into Substrate Binding in Shibasaki's $\text{Li}_3(\text{THF})_n(\text{BINOLate})_3\text{Ln}$ Complexes and Implications in Catalysis. <i>Journal of the American Chemical Society</i> , 2008, 130, 7407-7419.	6.6	51
58	Generation and Tandem Reactions of 1-Alkenyl-1,1-Heterobimetallics: Practical and Versatile Reagents for Organic Synthesis. <i>Journal of the American Chemical Society</i> , 2008, 130, 3521-3531.	6.6	50
59	Room-temperature palladium-catalyzed direct 2-arylation of benzoxazoles with aryl and heteroaryl bromides. <i>Chemical Communications</i> , 2014, 50, 10661-10664.	2.2	48
60	Rhodium(Cp^*)-catalyzed C6-selective $\text{C}=\text{H}$ alkenylation and polyenylation of 2-pyridones with alkenyl and conjugated polyenyl carboxylic acids. <i>Chemical Science</i> , 2019, 10, 10089-10096.	3.7	47
61	Palladium Catalyzed Diaryl Sulfoxide Generation from Aryl Benzyl Sulfoxides and Aryl Chlorides. <i>Organic Letters</i> , 2015, 17, 1168-1171.	2.4	46
62	Air- and Water-Tolerant Rare Earth Guanidinium BINOLate Complexes as Practical Precatalysts in Multifunctional Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2014, 136, 8034-8041.	6.6	44
63	Cobalt-Catalyzed Enantioselective Negishi Cross-Coupling of Racemic $\hat{\pm}$ -Bromo Esters with Arylzincs. <i>Chemistry - A European Journal</i> , 2018, 24, 2059-2064.	1.7	43
64	Chemo- and Regioselective $\text{C}(\text{sp}^3)\text{C}=\text{H}$ Arylation of Unactivated Allylarenes by Deprotonative Cross-Coupling. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3693-3697.	7.2	42
65	The effect of chemical structure on the stability of physical vapor deposited glasses of 1,3,5-triarylbenzene. <i>Journal of Chemical Physics</i> , 2015, 143, 084506.	1.2	42
66	Reactions of 2-Aryl-1,3-Dithianes and [1.1.1]Propellane. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13416-13420.	7.2	42
67	Direct, Stereospecific Generation of (Z)-Disubstituted Allylic Alcohols. <i>Journal of the American Chemical Society</i> , 2006, 128, 9618-9619.	6.6	41
68	Alkaline-Metal-Catalyzed One-Pot Aminobenzoylation of Aldehydes with Toluenes. <i>Organic Letters</i> , 2019, 21, 8514-8518.	2.4	41
69	Highly Diastereoselective Chelation-Controlled Additions to $\hat{\pm}$ -Silyloxy Ketones. <i>Journal of the American Chemical Society</i> , 2011, 133, 7969-7976.	6.6	39
70	Synthesis, Bonding, and Reactivity of a Cerium(IV) Fluoride Complex. <i>Inorganic Chemistry</i> , 2014, 53, 27-29.	1.9	39
71	$\hat{\pm}$ -Azaallyl Anions as Light-Tunable Super-Electron-Donors: Coupling with Aryl Fluorides, Chlorides, and Bromides. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2854-2868.	2.1	39
72	Copper-Catalyzed Intermolecular Difunctionalization of Styrenes with Thiosulfonates and Arylboronic Acids via a Radical Relay Pathway. <i>ACS Catalysis</i> , 2020, 10, 2633-2639.	5.5	39

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73	Catalytic enantioselective reductive domino alkyl arylation of acrylates via nickel/photoredox catalysis. <i>Nature Communications</i> , 2021, 12, 6613.	5.8	39
74	A New Class of Organocatalysts: Sulfenate Anions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10755-10758.	7.2	38
75	Ni(NIXANTPHOS)-Catalyzed Mono-Arylation of Toluenes with Aryl Chlorides and Bromides. <i>Organic Letters</i> , 2019, 21, 1735-1739.	2.4	38
76	Rh(I)-Catalyzed C6-Selective Decarbonylative Alkylation of 2-Pyridones with Alkyl Carboxylic Acids and Anhydrides. <i>Organic Letters</i> , 2020, 22, 4228-4234.	2.4	37
77	Palladium-Catalyzed Arylation of Aryl Sulfenate Anions with Aryl Bromides under Mild Conditions: Synthesis of Diaryl Sulfoxides. <i>Organic Letters</i> , 2016, 18, 972-975.	2.4	36
78	Organocatalytic Synthesis of Alkynes. <i>Journal of the American Chemical Society</i> , 2015, 137, 10346-10350.	6.6	34
79	Autocatalytic photoredox Chan-Lam coupling of free diaryl sulfoximines with arylboronic acids. <i>Nature Communications</i> , 2021, 12, 932.	5.8	34
80	Umpolung Synthesis of Diarylmethylamines via Palladium-Catalyzed Arylation of <i>N</i> -Benzyl Aldimines. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1910-1915.	2.1	33
81	Palladium-Catalyzed Benzylic C-H Arylation of Azaarylmethylamines. <i>Organic Letters</i> , 2015, 17, 5788-5791.	2.4	32
82	Transition-metal-free C(sp ³)-H/C(sp ³)-H dehydrogenative coupling of saturated heterocycles with <i>N</i> -benzyl imines. <i>Chemical Science</i> , 2020, 11, 7619-7625.	3.7	32
83	Chelation-Controlled Addition of Organozincs to \pm -Chloro Aldimines. <i>Journal of the American Chemical Society</i> , 2012, 134, 17599-17604.	6.6	30
84	Experimental Evidence of Dioxole Unimolecular Decay Pathway for Isoprene-Derived Criegee Intermediates. <i>Journal of Physical Chemistry A</i> , 2020, 124, 3542-3554.	1.1	30
85	Strain-release 2-azaallyl anion addition/borylation of [1.1.1]propellane: synthesis and functionalization of benzylamine bicyclo[1.1.1]pentyl boronates. <i>Chemical Science</i> , 2021, 12, 7066-7072.	3.7	30
86	Evidence for Substrate Binding by the Lanthanide Centers in [Li ₃ (thf) _n (binolate) ₃ Ln]: Solution and Solid-State Characterization of Seven- and Eight-Coordinate [Li ₃ (sol) _n (binolate) ₃ Ln(S) _m] Adducts. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2549-2552.	7.2	29
87	Nickel-Catalyzed Desymmetrizing Cross-Electrophile Coupling of Cyclic <i>Meso</i> -Anhydrides. <i>Organic Letters</i> , 2018, 20, 1191-1194.	2.4	29
88	Chemoselective palladium-catalyzed deprotonative arylation/[1,2]-Wittig rearrangement of pyridylmethyl ethers. <i>Chemical Science</i> , 2016, 7, 976-983.	3.7	28
89	Palladium-catalysed synthesis of triaryl(heteroaryl)methanes. <i>Nature Communications</i> , 2017, 8, 14641.	5.8	28
90	Birefringent Stable Glass with Predominantly Isotropic Molecular Orientation. <i>Physical Review Letters</i> , 2017, 119, 095502.	2.9	28

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91	Nickel-Catalyzed C(sp ³)–H Arylation of Diarylmethane Derivatives with Aryl Fluorides. <i>Journal of Organic Chemistry</i> , 2018, 83, 2993-2999.	1.7	28
92	Palladium-Catalyzed Selective β -Alkenylation of Pyridylmethyl Ethers with Vinyl Bromides. <i>Organic Letters</i> , 2016, 18, 2371-2374.	2.4	27
93	Impact of Na ⁺ and K ⁺ C–I Interactions on the Structure and Binding of M ₃ (sol) _n /i>(BINOLate) ₃ /Ln Catalysts. <i>Organic Letters</i> , 2007, 9, 3359-3362.	2.4	25
94	Palladium-Catalyzed β -Arylation of Aryl Acetic Acid Derivatives via Dienolate Intermediates with Aryl Chlorides and Bromides. <i>Organic Letters</i> , 2015, 17, 410-413.	2.4	25
95	The role of dynamic ligand exchange in the oxidation chemistry of cerium(III). <i>Chemical Science</i> , 2016, 7, 4537-4547.	3.7	25
96	Benzylic Aroylation of Toluenes Mediated by a LiN(SiMe ₃) ₂ /Cs ⁺ System. <i>Journal of Organic Chemistry</i> , 2022, 87, 406-418.	1.7	25
97	Reversed Polarity Synthesis of Diaryl Ketones through Palladium-Catalyzed Direct Arylation of 2-aryl-1,3-dithianes. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3659-3667.	2.1	24
98	Synthesis of BCP Benzylamines From 2-azaallyl Anions and [1.1.1]Propellane. <i>Angewandte Chemie</i> , 2018, 130, 16083-16087.	1.6	24
99	An Efficient Route to Isochromene Derivatives via Cascade Radical Cyclization and Radical–Radical Coupling. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4354-4359.	2.1	24
100	Nickel-catalyzed reductive coupling of homoenolates and their higher homologues with unactivated alkyl bromides. <i>Nature Communications</i> , 2020, 11, 5638.	5.8	24
101	Nickel/Photoredox-Catalyzed Asymmetric Reductive Cross-Coupling of Racemic β -Chloro Esters with Aryl Iodides. <i>Angewandte Chemie</i> , 2020, 132, 5210-5215.	1.6	24
102	Palladium-Catalyzed Direct β -Arylation of Benzyl Thioethers with Aryl Bromides. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2517-2524.	2.1	22
103	Exchange Processes in Shibasaki's Rare Earth Alkali Metal BINOLate Frameworks and Their Relevance in Multifunctional Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2015, 137, 7135-7144.	6.6	22
104	Nickel-Catalyzed Allylic Alkylation with Diarylmethane Pronucleophiles: Reaction Development and Mechanistic Insights. <i>Angewandte Chemie</i> , 2016, 128, 1082-1086.	1.6	22
105	Palladium-Catalyzed Asymmetric Allylic Alkylations with Toluene Derivatives as Pronucleophiles. <i>Angewandte Chemie</i> , 2016, 128, 2572-2576.	1.6	22
106	Aryl Fluoride Activation through Palladium–Magnesium Bimetallic Cooperation: A Mechanistic and Computational Study. <i>ACS Catalysis</i> , 2020, 10, 7934-7944.	5.5	22
107	Exploring the Importance of Surface Diffusion in Stability of Vapor-Deposited Organic Glasses. <i>Journal of Physical Chemistry B</i> , 2019, 123, 4108-4117.	1.2	21
108	Effects of microstructure formation on the stability of vapor-deposited glasses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5937-5942.	3.3	21

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109	Palladium-Catalyzed \hat{I} -Arylation of Methyl Sulfonamides with Aryl Chlorides. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2156-2162.	2.1	20
110	Arylation of Azaarylmethylamines with Aryl Chlorides and a NiBr ₂ /NIXANTPHOS-based Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2890-2894.	2.1	20
111	NIXANTPHOS: a highly active ligand for palladium catalyzed Buchwald-Hartwig amination of unactivated aryl chlorides. <i>Dalton Transactions</i> , 2018, 47, 8690-8696.	1.6	20
112	Transition Metal-Free Arylation of Diarylmethanes with <i>N</i> -Bn- <i>N</i> -Boc Arylamides and <i>N</i> -Acylpyrroles. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 3423-3430.	2.1	20
113	Isolation and characterization of a covalent CeIV-Aryl complex with an anomalous ¹³ C chemical shift. <i>Nature Communications</i> , 2021, 12, 1713.	5.8	20
114	Tandem C(sp ³) ³ -H Arylation/Oxidation and Arylation/Allylic Substitution of Isoindolinones. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2829-2837.	2.1	19
115	Palladium-Catalyzed Enantioselective Alkenylation of Sulfenate Anions. <i>Organic Letters</i> , 2019, 21, 960-964.	2.4	19
116	Synthesis of an elusive, stable 2-azaallyl radical guided by electrochemical and reactivity studies of 2-azaallyl anions. <i>Chemical Science</i> , 2021, 12, 4405-4410.	3.7	19
117	Discovery and mechanistic investigation of photoinduced sp ³ C-H activation of hydrocarbons by the simple anion hexachlorotitanate. <i>Chem Catalysis</i> , 2022, 2, 853-866.	2.9	19
118	Synthesis and Catalytic Activity of Heterobimetallic Rare Earth-Zinc Ethyl BINOLate Analogues of Shibasaki's Catalysts. <i>Organometallics</i> , 2013, 32, 7431-7439.	1.1	18
119	Palladium-Catalyzed C-H Arylation of \hat{I} , \hat{I}^2 -Unsaturated Imines: Catalyst-Controlled Synthesis of Enamine and Allylic Amine Derivatives. <i>Angewandte Chemie</i> , 2016, 128, 2875-2879.	1.6	18
120	Palladium-Catalyzed Direct C-H Arylation of 3-(Methylsulfinyl)thiophenes. <i>Organic Letters</i> , 2018, 20, 2522-2525.	2.4	18
121	Synthesis of triarylmethanols via tandem arylation/oxidation of diarylmethanes. <i>Tetrahedron Letters</i> , 2015, 56, 3604-3607.	0.7	17
122	Combining Pd(\hat{I} -allyl)Cp and PPh ₃ as a unique catalyst for efficient synthesis of alkylido indoles via C(sp ³)-I reductive elimination. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1080-1084.	2.3	17
123	Base-Promoted Tandem Synthesis of 2-Azaaryl Tetrahydroquinolines. <i>Organic Letters</i> , 2021, 23, 1594-1599.	2.4	17
124	Rhodium(III)-Catalyzed C-H Bond Functionalization of 2-Pyridones with Alkynes: Switchable Alkenylation, Alkenylation/Directing Group Migration and Rollover Annulation. <i>Chemistry - A European Journal</i> , 2021, 27, 8811-8821.	1.7	17
125	Chemoselective synthesis of aryl(pyridinyl)methanol derivatives through Ni-NIXANTPHOS catalyzed \hat{I} -arylation and tandem arylation/rearrangement of pyridylmethyl ethers. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1870-1876.	2.3	16
126	Functionalized Hydroperoxide Formation from the Reaction of Methacrolein-Oxide, an Isoprene-Derived Criegee Intermediate, with Formic Acid: Experiment and Theory. <i>Molecules</i> , 2021, 26, 3058.	1.7	16

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