

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	Palladium-catalyzed enantioselective (2-naphthyl)methylation of azaarylmethyl amines. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2721-2727.	2.3	2
2	$\hat{1}\pm$ -Branched amines through radical coupling with 2-azaallyl anions, redox active esters and alkenes. <i>Chemical Science</i> , 2022, 13, 3740-3747.	3.7	5
3	Alkali-amide controlled selective synthesis of 7-azaindole and 7-azaindoline through domino reactions of 2-fluoro-3-methylpyridine and aldehydes. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2541-2548.	2.3	11
4	Light-mediated aerobic oxidation of C(sp ³)â€“H bonds by a Ce(IV) hexachloride complex. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2612-2620.	2.3	14
5	Super-Electron-Donor 2-Azaallyl Anions Enable Construction of Isoquinolines. <i>Organic Letters</i> , 2022, 24, 1786-1790.	2.4	10
6	Discovery and mechanistic investigation of photoinduced sp ³ Câ€“H activation of hydrocarbons by the simple anion hexachlorotitanate. <i>Chem Catalysis</i> , 2022, 2, 853-866.	2.9	19
7	Ligand-Promoted Rh(I)-Catalyzed C2-Selective Câ€“H Alkenylation and Polyenylation of Imidazoles with Alkenyl Carboxylic Acids. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	3
8	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
9	Enantioenriched BCP Benzylamine Synthesis via Metal Hydride Hydrogen Atom Transfer/Sulfinimine Addition to [1.1.1]Propellane. <i>Organic Letters</i> , 2022, 24, 110-114.	2.4	7
10	Role of Molecular Layering in the Enhanced Mechanical Properties of Stable Glasses. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 3360-3368.	2.1	8
11	The role of intramolecular relaxations on the structure and stability of vapor-deposited glasses. <i>Journal of Chemical Physics</i> , 2022, 156, .	1.2	5
12	Nickel-Catalyzed Reductive Coupling of $\hat{1}^3$ -Metalated Ketones with Unactivated Alkyl Bromides. <i>Organic Letters</i> , 2022, 24, 3987-3992.	2.4	8
13	Arylations with nitroarenes for one-pot syntheses of triaryl-methanols and tetraarylmethanes. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3854-3861.	2.3	3
14	Synthesis of Tryptamines from Radical Cyclization of 2-Iodoaryl Allenyl Amines and Coupling with 2-Azaallyls. <i>Journal of Organic Chemistry</i> , 2022, 87, 8099-8103.	1.7	3
15	Efficient Synthesis of Bulky 2,2'-Bipyridine and (S)-Pyridine-Oxazoline Ligands. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 800-807.	2.1	4
16	Nickel-catalyzed enantioselective vinylation of aryl 2-azaallyl anions. <i>Chemical Science</i> , 2021, 12, 6406-6412.	3.7	11
17	Chemoselective acylation of <i>N</i> -acylglutarimides with <i>N</i> -acylpyrroles and aryl esters under transition-metal-free conditions. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6344-6349.	2.3	6
18	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

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19	Autocatalytic photoredox Chan-Lam coupling of free diaryl sulfoximines with arylboronic acids. <i>Nature Communications</i> , 2021, 12, 932.	5.8	34
20	Base-Promoted Tandem Synthesis of 2-Azaaryl Tetrahydroquinolines. <i>Organic Letters</i> , 2021, 23, 1594-1599.	2.4	17
21	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
22	Iron-Catalyzed Tertiary Alkylation of Terminal Alkynes with 1,3-Diesters via a Functionalized Alkyl Radical. <i>Angewandte Chemie</i> , 2021, 133, 9792-9797.	1.6	2
23	Iron-Catalyzed Tertiary Alkylation of Terminal Alkynes with 1,3-Diesters via a Functionalized Alkyl Radical. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9706-9711.	7.2	13
24	Expanding the Rare-Earth Metal BINOLate Catalytic Multitool beyond Enantioselective Organic Synthesis. <i>Accounts of Chemical Research</i> , 2021, 54, 2637-2648.	7.6	11
25	Photocatalytic C-H activation and the subtle role of chlorine radical complexation in reactivity. <i>Science</i> , 2021, 372, 847-852.	6.0	144
26	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
27	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
28	Rh(I)-Catalyzed Direct C6-H Arylation of 2-Pyridones with Aryl Carboxylic Acids. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3995-4001.	2.1	12
29	Transition-metal-free allylation of 2-azaallyls with allyl ethers through polar and radical mechanisms. <i>Nature Communications</i> , 2021, 12, 3860.	5.8	10
30	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
31	Palladium-catalyzed benzylic C(sp ³)-H carbonylative arylation of azaarylmethyl amines with aryl bromides. <i>Chemical Science</i> , 2021, 12, 10862-10870.	3.7	9
32	Photodissociation dynamics of methyl vinyl ketone oxide: A four-carbon unsaturated Criegee intermediate from isoprene ozonolysis. <i>Journal of Chemical Physics</i> , 2021, 155, 174305.	1.2	14
33	Catalytic enantioselective reductive domino alkyl arylation of acrylates via nickel/photoredox catalysis. <i>Nature Communications</i> , 2021, 12, 6613.	5.8	39
34	SET activation of nitroarenes by 2-azaallyl anions as a straightforward access to 2,5-dihydro-1,2,4-oxadiazoles. <i>Nature Communications</i> , 2021, 12, 7060.	5.8	7
35	Design of a homologous series of molecular glassformers. <i>Journal of Chemical Physics</i> , 2021, 155, 224503.	1.2	8
36	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

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37	Synergistic Nâ€Heterocyclic Carbene/Palladiumâ€Catalyzed Umpolung 1,4â€Addition of Aryl Iodides to Enals. <i>Angewandte Chemie</i> , 2020, 132, 167-172.	1.6	10
38	Enantioselective Addition of Alkynyl Esters and Ethers to Aldehydes Catalyzed by a Cyclopropyl Amino Alcohol Based Zinc Catalyst. <i>Synlett</i> , 2020, 31, 60-64.	1.0	1
39	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
40	Innentitelbild: Synergistic Nâ€Heterocyclic Carbene/Palladiumâ€Catalyzed Umpolung 1,4â€Addition of Aryl Iodides to Enals (<i>Angew. Chem.</i> 1/2020). <i>Angewandte Chemie</i> , 2020, 132, 2-2.	1.6	110
41	Selenenate Anions (PhSeO ^{âˆ’}) as Organocatalyst: Synthesis of <i>trans</i> -â€Stilbenes and a PPV Derivative. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 659-666.	2.1	8
42	Formic acid catalyzed isomerization and adduct formation of an isoprene-derived Criegee intermediate: experiment and theory. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 26796-26805.	1.3	13
43	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
44	Nickel-catalyzed reductive coupling of homoenolates and their higher homologues with unactivated alkyl bromides. <i>Nature Communications</i> , 2020, 11, 5638.	5.8	24
45	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
46	Aryl Fluoride Activation through Palladiumâ€Magnesium Bimetallic Cooperation: A Mechanistic and Computational Study. <i>ACS Catalysis</i> , 2020, 10, 7934-7944.	5.5	22
47	Transition-metal-free C(sp ³)â€H/C(sp ³)â€H dehydrogenative coupling of saturated heterocycles with <i>N</i> -benzyl imines. <i>Chemical Science</i> , 2020, 11, 7619-7625.	3.7	32
48	Transition Metalâ€Free Aroylation of Diarylmethanes with <i>N</i> -Bnâ€ <i>N</i> -Boc Arylamides and <i>N</i> -Acylpyrroles. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 3423-3430.	2.1	20
49	Nickel/Photoredoxâ€Catalyzed Asymmetric Reductive Crossâ€Coupling of Racemic Î±â€Chloro Esters with Aryl Iodides. <i>Angewandte Chemie</i> , 2020, 132, 5210-5215.	1.6	24
50	Nickel/Photoredoxâ€Catalyzed Asymmetric Reductive Crossâ€Coupling of Racemic Î±â€Chloro Esters with Aryl Iodides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5172-5177.	7.2	117
51	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
52	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
53	Unraveling Conformer-Specific Sources of Hydroxyl Radical Production from an Isoprene-Derived Criegee Intermediate by Deuteration. <i>Journal of Physical Chemistry A</i> , 2020, 124, 4929-4938.	1.1	10
54	Reactions of 2â€Arylâ€1,3â€Dithianes and [1.1.1]Propellane. <i>Angewandte Chemie</i> , 2019, 131, 13550-13554.	1.6	10

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55	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
56	Front Cover Picture: An Efficient Route to Isochromene Derivatives via Cascade Radical Cyclization and Radical-Radical Coupling (<i>Adv. Synth. Catal.</i> 18/2019). <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4147-4147.	2.1	0
57	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
58	One-Pot Aminoalkylation of Aldehydes: Diastereoselective Synthesis of Vicinal Diamines with Azaarylmethylamines. <i>Organic Letters</i> , 2019, 21, 8679-8683.	2.4	9
59	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
60	Rhodium(<i>sc</i>) ⁱ -catalyzed C6-selective C-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	Photoredox-catalyzed oxo-amination of aryl cyclopropanes. <i>Nature Communications</i> , 2019, 10, 4367.	5.8	65
62	Alkaline-Metal-Catalyzed One-Pot Aminobenzoylation of Aldehydes with Toluenes. <i>Organic Letters</i> , 2019, 21, 8514-8518.	2.4	41
63	Palladium-Catalyzed Enantioselective Alkenylation of Sulfenate Anions. <i>Organic Letters</i> , 2019, 21, 960-964.	2.4	19
64	Palladium-Catalyzed Decarboxylative Generation and Regiodivergent Prenylation of Azaallyl Anions. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3751-3757.	2.1	13
65	Synthesis of Indoles through Domino Reactions of Fluorotoluenes and Nitriles. <i>Angewandte Chemie</i> , 2019, 131, 11149-11154.	1.6	13
66	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
67	An investigation of the binding of (<i>S</i>)-monothioBINOLate to rare earth metal cations. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 624-629.	0.8	4
68	Synthesis of Indoles through Domino Reactions of Fluorotoluenes and Nitriles. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11033-11038.	7.2	69
69	Ni(NIXANTPHOS)-Catalyzed Mono-Arylation of Toluenes with Aryl Chlorides and Bromides. <i>Organic Letters</i> , 2019, 21, 1735-1739.	2.4	38
70	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
71	Reductive Cross-Coupling of Aldehydes and Imines Mediated by Visible Light Photoredox Catalysis. <i>Organic Letters</i> , 2019, 21, 27-31.	2.4	53
72	Synthesis of Benzofuran Derivatives through Cascade Radical Cyclization/Intermolecular Coupling of Azaallyls. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2826-2830.	7.2	60

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73	Synthesis of Benzofuran Derivatives through Cascade Radical Cyclization/Intermolecular Coupling of 2-azaallyls. <i>Angewandte Chemie</i> , 2019, 131, 2852-2856.	1.6	10
74	Palladium-Catalyzed Allylic Alkylation of 2-aryl-1,3-dithianes, an Umpolung Synthesis of β,γ -Unsaturated Ketones. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 502-509.	2.1	10
75	Palladium-Catalyzed Direct C-H Arylation of 3-(Methylsulfinyl)thiophenes. <i>Organic Letters</i> , 2018, 20, 2522-2525.	2.4	18
76	Visible-Light-Mediated Umpolung Reactivity of Imines: Ketimine Reductions with Cy_2NMe and Water. <i>Organic Letters</i> , 2018, 20, 2433-2436.	2.4	68
77	Nickel-Catalyzed Desymmetrizing Cross-Electrophile Coupling of Cyclic <i>Meso</i> -Anhydrides. <i>Organic Letters</i> , 2018, 20, 1191-1194.	2.4	29
78	Selenolate Anion as an Organocatalyst: Reactions and Mechanistic Studies. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1685-1692.	2.1	13
79	A Simple Procedure for the Synthesis of β -Hydroxyallenamides via Homoallenylation of Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1426-1432.	2.1	7
80	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
81	Palladium-Catalyzed Triarylation of C(sp ³)-H Bonds in Heteroarylmethanes: Synthesis of Triaryl(heteroaryl)methanes. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1493-1498.	2.1	13
82	Frontispiece: Cobalt-Catalyzed Enantioselective Negishi Cross-Coupling of Racemic β -Bromo Esters with Arylzincs. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	0
83	Sulfenate anions as organocatalysts for benzylic chloromethyl coupling polymerization via C=C bond formation. <i>Nature Communications</i> , 2018, 9, 1754.	5.8	9
84	Chemoselective synthesis of aryl(pyridinyl)methanol derivatives through Ni-NIXANTPHOS catalyzed β -arylation and tandem arylation/rearrangement of pyridylmethyl ethers. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1870-1876.	2.3	16
85	Cobalt-Catalyzed Enantioselective Negishi Cross-Coupling of Racemic β -Bromo Esters with Arylzincs. <i>Chemistry - A European Journal</i> , 2018, 24, 2059-2064.	1.7	43
86	Visible light-promoted CO ₂ fixation with imines to synthesize diaryl β -amino acids. <i>Nature Communications</i> , 2018, 9, 4936.	5.8	99
87	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
88	Palladium-Catalyzed Alkenylation of Azaarylmethylamines with Vinyl Halides. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4837-4842.	2.1	14
89	Synthesis of Diaryl Selenides via Palladium-Catalyzed Debenzylative Cross-Coupling of Aryl Benzyl Selenides with Aryl Bromides. <i>Organometallics</i> , 2018, 37, 4086-4091.	1.1	14
90	Synthesis of BCP Benzylamines From 2-azaallyl Anions and [1.1.1]Propellane. <i>Angewandte Chemie</i> , 2018, 130, 16083-16087.	1.6	24

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91	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
92	Nickel-Catalyzed Oxidative Coupling Reaction of Phenyl Benzyl Sulfoxides. <i>Organometallics</i> , 2018, 37, 3132-3141.	1.1	5
93	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
94	2-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
95	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
96	Synthesis of novel copper-rare earth BINOLate frameworks from a hydrogen bonding DBU-H rare earth BINOLate complex. <i>Dalton Transactions</i> , 2018, 47, 14408-14410.	1.6	8
97	One-pot aminobenylation of aldehydes with toluenes. <i>Nature Communications</i> , 2018, 9, 3365.	5.8	69
98	Palladium-Catalyzed Chemoselective β -Arylation of Methyl Sulfoxes with Aryl Chlorides. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 654-657.	1.3	9
99	Synthesis of Diarylated 4-Pyridylmethyl Ethers via Palladium-Catalyzed Cross-Coupling Reactions. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1927-1932.	2.1	10
100	Transition-metal-free chemo- and regioselective vinylation of azaallyls. <i>Nature Chemistry</i> , 2017, 9, 997-1004.	6.6	91
101	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
102	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
103	Palladium-catalysed synthesis of triaryl(heteroaryl)methanes. <i>Nature Communications</i> , 2017, 8, 14641.	5.8	28
104	Transition-Metal-Free Radical C(sp ³)-C(sp ²) and C(sp ³)-C(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
105	Birefringent Stable Glass with Predominantly Isotropic Molecular Orientation. <i>Physical Review Letters</i> , 2017, 119, 095502.	2.9	28
106	Chelation-Controlled Additions to Chiral β - and γ -Silyloxy, β -Halo, and γ -Vinyl Carbonyl Compounds. <i>Accounts of Chemical Research</i> , 2017, 50, 2389-2400.	7.6	6
107	Palladium-Catalyzed β -Arylation of Methyl Sulfonamides with Aryl Chlorides. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2156-2162.	2.1	20
108	Umpolung Synthesis of Diarylmethylamines <i>via</i> Palladium-Catalyzed Arylation of <i>N</i> -Benzyl Aldimines. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1910-1915.	2.1	33

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109	Nickel-catalyzed Allylic Alkylation with Diarylmethane Pronucleophiles: Reaction Development and Mechanistic Insights. <i>Angewandte Chemie</i> , 2016, 128, 1082-1086.	1.6	22
110	Palladium-catalyzed C-H Arylation of β,γ -Unsaturated Imines: Catalyst-controlled Synthesis of Enamine and Allylic Amine Derivatives. <i>Angewandte Chemie</i> , 2016, 128, 2875-2879.	1.6	18
111	Palladium-catalyzed Asymmetric Allylic Alkylations with Toluene Derivatives as Pronucleophiles. <i>Angewandte Chemie</i> , 2016, 128, 2572-2576.	1.6	22
112	Palladium-catalyzed C-H Arylation of β,γ -Unsaturated Imines: Catalyst-controlled Synthesis of Enamine and Allylic Amine Derivatives. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2825-2829.	7.2	71
113	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
114	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
115	The role of dynamic ligand exchange in the oxidation chemistry of cerium(III). <i>Chemical Science</i> , 2016, 7, 4537-4547.	3.7	25
116	Palladium-Catalyzed Selective β -Alkenylation of Pyridylmethyl Ethers with Vinyl Bromides. <i>Organic Letters</i> , 2016, 18, 2371-2374.	2.4	27
117	Tandem C-H Arylation/Oxidation and Arylation/Allylic Substitution of Isoindolinones. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2829-2837.	2.1	19
118	A DFT Study on the Conversion of Aryl Iodides to Alkyl Iodides: Reductive Elimination of R-I from Alkylpalladium Iodide Complexes with Accessible β -Hydrogens. <i>Chemistry - A European Journal</i> , 2016, 22, 3422-3429.	1.7	13
119	Palladium-catalyzed Asymmetric Allylic Alkylations with Toluene Derivatives as Pronucleophiles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2526-2530.	7.2	61
120	Palladium-Catalyzed Benzylic Arylation of Pyridylmethyl Silyl Ethers: One-Pot Synthesis of Aryl(pyridyl)methanols. <i>Organic Letters</i> , 2016, 18, 1590-1593.	2.4	14
121	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
122	Chemoselective palladium-catalyzed deprotonative arylation/[1,2]-Wittig rearrangement of pyridylmethyl ethers. <i>Chemical Science</i> , 2016, 7, 976-983.	3.7	28
123	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
124	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
125	Palladium-catalyzed C-H Arylation of N-Boc Benzylalkylamines via a Deprotonative Cross-coupling Process. <i>Chemistry - A European Journal</i> , 2015, 21, 11010-11013.	1.7	13
126	Synthesis of triarylmethanols via tandem arylation/oxidation of diarylmethanes. <i>Tetrahedron Letters</i> , 2015, 56, 3604-3607.	0.7	17

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127	Palladium Catalyzed Diaryl Sulfoxide Generation from Aryl Benzyl Sulfoxides and Aryl Chlorides. <i>Organic Letters</i> , 2015, 17, 1168-1171.	2.4	46
128	Palladium-Catalyzed $\hat{\text{I}}$ -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
129	Organocatalytic Synthesis of Alkynes. <i>Journal of the American Chemical Society</i> , 2015, 137, 10346-10350.	6.6	34
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132	Palladium-Catalyzed Arylation of Alkyl Sulfenate Anions. <i>Journal of the American Chemical Society</i> , 2015, 137, 13887-13893.	6.6	68
133	Synthesis and high-throughput characterization of structural analogues of molecular glassformers: 1,3,5-trisarylbenzenes. <i>Soft Matter</i> , 2015, 11, 7558-7566.	1.2	15
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135	Cobalt $\hat{\text{I}}$ -Bisoxazoline-Catalyzed Asymmetric Kumada Cross-Coupling of Racemic $\hat{\text{I}}$ -Bromo Esters with Aryl Grignard Reagents. <i>Journal of the American Chemical Society</i> , 2014, 136, 17662-17668.	6.6	137
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138	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
139	Chemo $\hat{\text{A}}$ nd Regioselective C(sp ³) $\hat{\text{H}}$ Arylation of Unactivated Allylarenes by Deprotonative Cross $\hat{\text{C}}$ oupling. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3693-3697.	7.2	42
140	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
141	Synthesis, Bonding, and Reactivity of a Cerium(IV) Fluoride Complex. <i>Inorganic Chemistry</i> , 2014, 53, 27-29.	1.9	39
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144	A General and Practical Palladium $\hat{\text{C}}$ atalyzed Direct $\hat{\text{I}}$ $\hat{\text{A}}$ rylation of Amides with Aryl Halides. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 165-178.	2.1	59

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157	Additive effects on palladium-catalyzed deprotonative-cross-coupling processes (DCCP) of sp^3 C-H bonds in diarylmethanes. <i>Chemical Science</i> , 2013, 4, 849-857.	3.7	90
158	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
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160	Arylation of Aldehyde Homoenolates with Aryl Bromides. <i>Organic Letters</i> , 2013, 15, 2298-2301.	2.4	57
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182	Direct, Stereospecific Generation of (Z)-Disubstituted Allylic Alcohols. <i>Journal of the American Chemical Society</i> , 2006, 128, 9618-9619.	6.6	41
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