

# Ligand-Promoted Palladium-Catalyzed Aerobic Oxidation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Mechanistic Basis for Efficient, Site-Selective, Aerobic Catalytic Turnover in Pd-Catalyzed C-H Imidoylation of Heterocycle-Containing Molecules. <i>Journal of the American Chemical Society</i> , 2017, 139, 14533-14541.	6.6	24
2	Cationic Palladium(II) Complexes for Catalytic Wacker-Type Oxidation of Styrenes to Ketones Using $O_2$ as the Sole Oxidant. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5604-5608.	1.0	14
3	Iron-Catalyzed C(sp <sup>3</sup> )-H Acyloxylation of Aryl-2-H Azirines with Hypervalent Iodine(III) Reagents. <i>Organic Letters</i> , 2018, 20, 1663-1666.	2.4	27
4	Aerobic Co or Cu/NHPI-catalyzed oxidation of hydride siloxanes: synthesis of siloxanols. <i>Green Chemistry</i> , 2018, 20, 1467-1471.	4.6	56
5	Palladium-catalyzed aerobic regio- and stereo-selective olefination reactions of phenols and acrylates via direct dehydrogenative C(sp <sup>2</sup> )-O cross-coupling. <i>Chemical Communications</i> , 2018, 54, 4437-4440.	2.2	6
6	Palladium-Catalyzed Asymmetric Aminohydroxylation of 1,3-Dienes. <i>Angewandte Chemie</i> , 2018, 130, 2396-2400.	1.6	21
7	Palladium-Catalyzed Asymmetric Aminohydroxylation of 1,3-Dienes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2372-2376.	7.2	92
8	CuBr <sub>2</sub> -Catalyzed Mild Oxidation of 3,4-Dihydro-1 <sup>2</sup> -Carbolines and Application in Total Synthesis of 6-Hydroxymetatacarboline D. <i>ACS Omega</i> , 2018, 3, 544-553.	1.6	9
9	Tetramethylpiperidine <i>N</i> -Oxyl (TEMPO), Phthalimide <i>N</i> -Oxyl (PINO), and Related <i>N</i> -Oxyl Species: Electrochemical Properties and Their Use in Electrocatalytic Reactions. <i>Chemical Reviews</i> , 2018, 118, 4834-4885.	23.0	681
10	C-H Alkenylation of Pyrroles by Electronically Matching Ligand Control. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2418-2422.	1.7	14
11	Catalytic Aza-Wacker Annulation: Tuning Mechanism by the Activation Mode of Amide and Enantioselective Syntheses of Melinonine-E and Strychnoxanthine. <i>Organic Letters</i> , 2018, 20, 2386-2390.	2.4	22
12	Photochemical Nickel-Catalyzed Reductive Migratory Cross-Coupling of Alkyl Bromides with Aryl Bromides. <i>Organic Letters</i> , 2018, 20, 1880-1883.	2.4	104
13	Are Phosphines Viable Ligands for Pd-Catalyzed Aerobic Oxidation Reactions? Contrasting Insights from a Survey of Six Reactions. <i>ACS Catalysis</i> , 2018, 8, 3708-3714.	5.5	11
14	Copper-Catalyzed Vinylogous Aerobic Oxidation of Unsaturated Compounds with Air. <i>Journal of the American Chemical Society</i> , 2018, 140, 5300-5310.	6.6	32
15	Palladium-Catalyzed Aerobic Oxidative Coupling of Allylic Alcohols with Anilines in the Synthesis of Nitrogen Heterocycles. <i>Journal of Organic Chemistry</i> , 2018, 83, 3941-3951.	1.7	35
16	Ligand-Directed Reactivity in Dioxygen and Water Binding to cis-[Pd(NHC) <sub>2</sub> (1 <sup>2</sup> -O <sub>2</sub> )]. <i>Journal of the American Chemical Society</i> , 2018, 140, 264-276.	6.6	2
17	Palladium-Catalyzed Sequential Vinylic C-H Arylation/Amination of 2-Vinylanilines with Aryl boronic Acids: Access to 2-Arylindoles. <i>Journal of Organic Chemistry</i> , 2018, 83, 323-329.	1.7	26
18	Pd-Catalyzed Aerobic Oxidation Reactions: Strategies To Increase Catalyst Lifetimes. <i>Journal of the American Chemical Society</i> , 2018, 140, 748-757.	6.6	39

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19	Steigerung der Katalysatoreffizienz in der C-H-Aktivierungskatalyse. <i>Angewandte Chemie</i> , 2018, 130, 2318-2328.	1.6	62
20	Increasing Catalyst Efficiency in C-H Activation Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2296-2306.	7.2	206
21	Reactivity of rhodium and iridium peroxido complexes towards hydrogen in the presence of B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> or [H(OEt) <sub>2</sub> ] <sub>2</sub> [B{3,5-(CF <sub>3</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> }] <sub>4</sub> . <i>Dalton Transactions</i> , 2018, 47, 16299-16304.	1.6	4
22	Square-planar Co(III) in {O <sub>4</sub> } coordination: large ZFS and reactivity with ROS. <i>Chemical Communications</i> , 2018, 54, 12045-12048.	2.2	9
23	Platinum-Catalyzed Desaturation of Lactams, Ketones, and Lactones. <i>Angewandte Chemie</i> , 2018, 130, 16437-16441.	1.6	16
24	Extended Open-Chain Polyenides as Versatile Delocalized Anion Ligands for Metal Chain Clusters. <i>Chemistry - A European Journal</i> , 2018, 25, 1212-1216.	1.7	11
25	Efficient Palladium-Catalyzed Aerobic Arylative Carbocyclization of Enallenynes. <i>Angewandte Chemie</i> , 2018, 130, 17084-17088.	1.6	18
26	Mechanistic studies: enantioselective palladium-catalyzed intramolecular aminoarylation of alkenes by dual N-H and aryl C-H bond cleavage. <i>Organic Chemistry Frontiers</i> , 2018, 5, 3256-3262.	2.3	4
27	Oxidation Potential Tunable Organic Molecules and Their Catalytic Application to Aerobic Dehydrogenation of Tetrahydroquinolines. <i>Organic Letters</i> , 2018, 20, 6436-6439.	2.4	20
28	Aerobic Catalytic Features in Photoredox- and Copper-Catalyzed Iodolactonization Reactions. <i>Organic Letters</i> , 2018, 20, 6462-6466.	2.4	28
29	Copper-Catalyzed Unstrained C-C Single Bond Cleavage of Acyclic Oxime Acetates Using Air: An Internal Oxidant-Triggered Strategy toward Nitriles and Ketones. <i>Journal of Organic Chemistry</i> , 2018, 83, 14713-14722.	1.7	38
30	Efficient Palladium-Catalyzed Aerobic Arylative Carbocyclization of Enallenynes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16842-16846.	7.2	29
31	Construction of N-Heterocyclic Systems Containing a Fully Substituted Allylic Carbon by Palladium/Phosphine Catalysis. <i>Organic Letters</i> , 2018, 20, 6965-6969.	2.4	4
32	Platinum-Catalyzed Desaturation of Lactams, Ketones, and Lactones. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16205-16209.	7.2	49
33	A Pd <sup>II</sup> Carbene Complex with Anthracene Side Arms for $\pi$ -Stacking on Reduced Graphene Oxide (rGO): Activity towards Undirected C-H Oxygenation of Arenes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4742-4746.	1.0	17
34	A chiral ligand accessible in one step: Synthesis of bis-((R)-(+)-bornyl)acenaphthenequinonediimine and of its zinc and nickel complexes. <i>Inorganica Chimica Acta</i> , 2018, 483, 305-309.	1.2	3
35	Nickel-Catalyzed Oxidative Coupling Reaction of Phenyl Benzyl Sulfoxides. <i>Organometallics</i> , 2018, 37, 3132-3141.	1.1	5
36	Copper-Catalyzed Electrochemical C-H Amination of Arenes with Secondary Amines. <i>Journal of the American Chemical Society</i> , 2018, 140, 11487-11494.	6.6	262

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37	Control of Selectivity in Palladium(II)-Catalyzed Oxidative Transformations of Allenes. <i>Accounts of Chemical Research</i> , 2018, 51, 1520-1531.	7.6	156
38	Pd <sup>II</sup> -Catalyzed Oxidative Tandem aza-Wacker/Heck Cyclization for the Construction of Fused 5,6-Bicyclic N,O-Heterocycles. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1897-1901.	1.7	11
39	Mechanistic Insights on Pd/Cu-Catalyzed Dehydrogenative Coupling of Dimethyl Phthalate. <i>ACS Catalysis</i> , 2018, 8, 5827-5841.	5.5	12
40	Asymmetric Aza-Wacker-Type Cyclization of <i>N</i> -Ts Hydrazine-Tethered Tetrasubstituted Olefins: Synthesis of Pyrazolines Bearing One Quaternary or Two Vicinal Stereocenters. <i>Journal of the American Chemical Society</i> , 2018, 140, 7587-7597.	6.6	88
41	Palladium-Catalyzed Aerobic Homocoupling of Alkynes: Full Mechanistic Characterization of a More Complex Oxidase-Type Behavior. <i>ACS Catalysis</i> , 2018, 8, 7495-7506.	5.5	30
42	Regioselective Copper-Catalyzed Oxidative Coupling of $\beta$ -Alkylated Styrenes with Tertiary Alkyl Radicals. <i>Organic Letters</i> , 2018, 20, 4032-4035.	2.4	22
43	Addition, Substitution, and Ring-Contraction Reactions of Quinones with <i>N</i> -Heterocyclic Carbenes. <i>Journal of Organic Chemistry</i> , 2018, 83, 9240-9249.	1.7	2
44	Kinetic and Mechanistic Characterization of Low-Overpotential, H <sub>2</sub> O <sub>2</sub> -Selective Reduction of O <sub>2</sub> Catalyzed by N <sub>2</sub> O <sub>2</sub> -Ligated Cobalt Complexes. <i>Journal of the American Chemical Society</i> , 2018, 140, 10890-10899.	6.6	46
45	The Hydrazine-O <sub>2</sub> Redox Couple as a Platform for Organocatalytic Oxidation: Benzo[ <i>c</i> ]cinnoline-Catalyzed Oxidation of Alkyl Halides to Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12494-12498.	7.2	14
46	Synthesis of $\beta,\beta$ -Dicarbonylhydrazones by Aerobic Manganese-Catalysed Oxidation. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3768-3780.	2.1	0
47	The Hydrazine-O <sub>2</sub> Redox Couple as a Platform for Organocatalytic Oxidation: Benzo[ <i>c</i> ]cinnoline-Catalyzed Oxidation of Alkyl Halides to Aldehydes. <i>Angewandte Chemie</i> , 2018, 130, 12674-12678.	1.6	3
48	Redox-Induced Interconversion and Ligand-Centered Hemilability in Ni <sup>II</sup> Complexes of Redox-Noninnocent Azo-Aromatic Pincers. <i>Inorganic Chemistry</i> , 2018, 57, 5830-5841.	1.9	28
49	Regioselective C-H alkylation of imidazoles and its application to the synthesis of unsymmetrically substituted benzimidazoles. <i>Chemical Communications</i> , 2018, 54, 6879-6882.	2.2	17
50	B <sub>2</sub> pin <sub>2</sub> -Mediated Palladium-Catalyzed Diacetoxylation of Aryl Alkenes with O <sub>2</sub> as Oxygen Source and Sole Oxidant. <i>Organic Letters</i> , 2018, 20, 5090-5093.	2.4	14
51	A systematic examination of ligand basicity effects on bonding in palladium(0)- and palladium(II)-ethylene complexes. <i>Inorganica Chimica Acta</i> , 2018, 483, 191-202.	1.2	2
52	Cu-catalyzed oxygenation of alkene-tethered amides with O <sub>2</sub> via unactivated C-C bond cleavage: a direct approach to cyclic imides. <i>Chemical Science</i> , 2019, 10, 9099-9103.	3.7	26
53	Transition-Metal-Controlled Synthesis of 11-H-Benzo[ <i>a</i> ]carbazoles and 6-Alkylidene-6-H-isoindo[2,1- <i>a</i> ]indoles via Sequential Intermolecular/Intramolecular Cross-Dehydrogenative Coupling from 2-Phenylindoles. <i>Organic Letters</i> , 2019, 21, 6839-6843.	2.4	17
54	Copper-catalysed C-H functionalisation gives access to 2-aminobenzimidazoles. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7943-7955.	1.5	8

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55	Visible-Light-Induced Regioselective C(sp <sup>3</sup> )-H Acyloxylation of Aryl-2-H-azirines with (Diacetoxy)iodobenzene. <i>Journal of Organic Chemistry</i> , 2019, 84, 11735-11740.	1.7	37
56	Pd-Catalyzed decarboxylative cross-coupling reactions of epoxides with $\hat{1},\hat{1}^2$ -unsaturated carboxylic acids. <i>Chemical Communications</i> , 2019, 55, 11123-11126.	2.2	19
57	Palladium Separation by Pd-Catalyzed Gel Formation via Alkyne Coupling. <i>Chemistry of Materials</i> , 2019, 31, 7386-7394.	3.2	28
58	Cooperativity and serial ligand catalysis in an allylic amination reaction by Pd( $\langle\text{scp}\rangle$ )-bis-sulfoxide and Br $\hat{A}$ nsted acids. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7723-7734.	1.5	2
59	Visible-Light-Enabled Selective Oxidation of Primary Alcohols through Hydrogen-Atom Transfer and its Application in the Synthesis of Quinazolinones. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1933-1941.	1.3	27
60	Synthesis of Flavanones via Palladium(II)-Catalyzed One-Pot $\hat{1}^2$ -Arylation of Chromanones with Arylboronic Acids. <i>Journal of Organic Chemistry</i> , 2019, 84, 10012-10023.	1.7	21
61	Selective Late-Stage Oxygenation of Sulfides with Ground-State Oxygen by Uranyl Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13499-13506.	7.2	164
62	Selective Late-Stage Oxygenation of Sulfides with Ground-State Oxygen by Uranyl Photocatalysis. <i>Angewandte Chemie</i> , 2019, 131, 13633-13640.	1.6	27
63	Reusable Pd@PEG Catalyst for Aerobic Dehydrogenative C $\hat{H}$ /C $\hat{H}$ Arylations of 1,2,3-Triazoles. <i>Chemistry - A European Journal</i> , 2019, 25, 11427-11431.	1.7	21
64	$\langle\text{sp}\rangle$ -H Acetoxylation of Diversely Substituted ( $\langle\text{E}\rangle$ )-(Arylmethylene)- $\langle\text{2}\rangle$ -phenylhydrazines Using PhI(OAc) $\langle\text{2}\rangle$ as Acetoxy Source at Ambient Conditions. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5925-5933.	1.2	5
65	Copper catalysis for highly selective aerobic oxidation of alcohols to aldehydes/ketones. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3101-3106.	2.3	16
66	Pd/Bi-Catalyzed Direct Synthesis of $\hat{1},\hat{1}^2$ -Unsaturated Nitriles Using Aromatic Alcohols and Acetonitrile. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1824-1826.	1.3	6
67	New scents from bio-renewable cis-jasmone by aerobic palladium catalyzed oxidations. <i>Applied Catalysis A: General</i> , 2019, 584, 117171.	2.2	4
68	Photocatalytic Oxygenation Reactions Using Water and Dioxygen. <i>ChemSusChem</i> , 2019, 12, 3931-3940.	3.6	33
69	Experimental and Computational Investigation of the Aerobic Oxidation of a Late Transition Metal-Hydride. <i>Journal of the American Chemical Society</i> , 2019, 141, 10830-10843.	6.6	14
70	Selective Aerobic Oxygenation of Tertiary Allylic Alcohols with Molecular Oxygen. <i>Angewandte Chemie</i> , 2019, 131, 11144-11148.	1.6	4
71	The Role of Iodanyl Radicals as Critical Chain Carriers in Aerobic Hypervalent Iodine Chemistry. <i>Chem</i> , 2019, 5, 2388-2404.	5.8	26
72	Copper(II)-Catalyzed Aerobic Oxidation of Amines: Divergent Reaction Pathways by Solvent Control to Imines and Nitriles. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1674-1679.	1.3	20

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73	Copper-catalyzed Cyclization of Aryl Amines and Aryldiazonium Salts under Air: Access to <i>N</i> -Aryl-Naphthotriazoles. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5149-5159.	2.1	12
74	Aerobic Tetrazine-catalyzed Oxidative Diels-Alder Reaction of <i>N</i> -Arylhydroxylamines with Dienecarbamates: Access to Functionalized 1,6-dihydro-1,2-oxazines. <i>ChemCatChem</i> , 2019, 11, 5282-5286.	1.8	6
75	Palladium Catalysis for Aerobic Oxidation Systems Using Robust Metal-Organic Framework. <i>Angewandte Chemie</i> , 2019, 131, 17308-17312.	1.6	3
76	Stepwise degradation of hydroxyl compounds to aldehydes <i>via</i> successive C-C bond cleavage. <i>Chemical Communications</i> , 2019, 55, 925-928.	2.2	22
77	Palladium Catalysis for Aerobic Oxidation Systems Using Robust Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17148-17152.	7.2	34
78	Switchable Synthesis of Aryl Sulfones and Sulfoxides through Solvent-Promoted Oxidation of Sulfides with O <sub>2</sub> /Air. <i>Organic Letters</i> , 2019, 21, 8925-8929.	2.4	63
79	Di-Palladium Complexes are Active Catalysts for Mono- <i>N</i> -Protected Amino Acid-Accelerated Enantioselective C-H Functionalization. <i>ACS Catalysis</i> , 2019, 9, 11386-11397.	5.5	26
80	Biocompatible Dendrimer-Encapsulated Palladium Nanoparticles for Oxidation of Morin. <i>ACS Omega</i> , 2019, 4, 18685-18691.	1.6	17
81	Measurement of the shrinkage of natural and simulated lesions on root surfaces using CP-OCT. <i>Journal of Dentistry</i> , 2019, 90, 103213.	1.7	4
82	Improved Bimetallic Cobalt-Manganese Catalysts for Selective Oxidative Cleavage of Morpholine Derivatives. <i>ACS Catalysis</i> , 2019, 9, 11125-11129.	5.5	20
83	Palladium-catalyzed Cascade Cyclization/Alkynylation Reactions. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4114-4128.	1.7	43
84	Pd-Catalyzed Heck-Type Reaction: Synthesizing Highly Diastereoselective and Multiple Aryl-Substituted P-Ligands. <i>Organic Letters</i> , 2019, 21, 7138-7142.	2.4	15
86	Oxidation of Tetrahydro- $\beta$ -carbolines by Persulfate. <i>Organic Letters</i> , 2019, 21, 7475-7477.	2.4	11
87	Substrate Promiscuity of <i>ortho</i> -Naphthoquinone Catalyst: Catalytic Aerobic Amine Oxidation Protocols to Deaminative Cross-Coupling and <i>N</i> -Nitrosation. <i>ACS Catalysis</i> , 2019, 9, 9216-9221.	5.5	20
88	Rare-Earth Y(OTf) <sub>3</sub> Catalyzed Coupling Reaction of Ethers with Azaarenes. <i>Organic Letters</i> , 2019, 21, 7450-7454.	2.4	18
89	Copper(I)-Catalyzed Oxyamination of $\beta$ , $\gamma$ -Unsaturated Hydrazones: Synthesis of Dihydropyrazoles. <i>Organic Letters</i> , 2019, 21, 7787-7790.	2.4	30
90	Origin of the Difference in Reactivity between Ir Catalysts for the Borylation of C-H Bonds. <i>Journal of the American Chemical Society</i> , 2019, 141, 16479-16485.	6.6	41
91	Selective Wacker type oxidation of a macrocyclic diene to the corresponding monounsaturated ketone used as fragrance. <i>RSC Advances</i> , 2019, 9, 27865-27873.	1.7	1

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92	Electrochemical Approach for Direct C-H Phosphonylation of Unprotected Secondary Amine. <i>Organic Letters</i> , 2019, 21, 7759-7762.	2.4	36
93	Frontiers of Green Catalytic Selective Oxidations. <i>Green Chemistry and Sustainable Technology</i> , 2019, , .	0.4	8
94	Design and synthesis of a highly efficient heterogeneous MnCo <sub>2</sub> O <sub>4</sub> oxide catalyst for alcohol oxidation: DFT insight into the synergistic effect between oxygen deficiencies and bimetal species. <i>Catalysis Science and Technology</i> , 2019, 9, 418-424.	2.1	26
95	Formal [4 + 2] benzannulation of 2-alkenyl indoles with aldehydes: a route to structurally diverse carbazoles and bis-carbazoles. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 1822-1826.	1.5	16
96	Rh/O <sub>2</sub> -Catalyzed C8 Olefination of Quinoline <i>N</i> -Oxides with Activated and Unactivated Olefins. <i>Journal of Organic Chemistry</i> , 2019, 84, 2786-2797.	1.7	47
97	Reduction of Nitrobenzene to Aniline by CO/H <sub>2</sub> O in the Presence of Palladium Nanoparticles. <i>Catalysts</i> , 2019, 9, 404.	1.6	18
98	Selective Aerobic Oxygenation of Tertiary Allylic Alcohols with Molecular Oxygen. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11028-11032.	7.2	23
99	Pyrrolo[3,4- <i>c</i> ]pyrazole Synthesis via Copper(I <sup>TM</sup> ) Chloride-Catalyzed Oxidative Coupling of Hydrazones to Maleimides. <i>Organic Letters</i> , 2019, 21, 5046-5050.	2.4	29
100	Neocuproine as a Redox-Active Ligand Platform on Iron and Cobalt. <i>Inorganic Chemistry</i> , 2019, 58, 9057-9066.	1.9	8
101	Cross-Coupling of Heteroatomic Electrophiles. <i>Chemical Reviews</i> , 2019, 119, 8192-8228.	23.0	151
102	Operando Spectroscopic and Kinetic Characterization of Aerobic Allylic C-H Acetoxylation Catalyzed by Pd(OAc) <sub>2</sub> /4,5-Diazafluoren-9-one. <i>Journal of the American Chemical Society</i> , 2019, 141, 10462-10474.	6.6	31
103	Synthesis of anti-1,3 Amino Alcohol Motifs via Pd(II)/SOX Catalysis with the Capacity for Stereodivergence. <i>Journal of the American Chemical Society</i> , 2019, 141, 9468-9473.	6.6	24
104	<i>N</i> -Heterocarbene Palladium Complexes with Dianisole Backbones: Synthesis, Structure, and Catalysis. <i>Organometallics</i> , 2019, 38, 2539-2552.	1.1	25
105	Pd(OAc) <sub>2</sub> -catalyzed orthogonal synthesis of 2-hydroxybenzoates and substituted cyclohexanones from acyclic unsaturated 1,3-carbonyl compounds. <i>Tetrahedron Letters</i> , 2019, 60, 1653-1657.	0.7	6
106	Aerobic Acyloxylation of Allylic C-H Bonds Initiated by a Pd O Precatalyst with 4,5-Diazafluoren-9-one as an Ancillary Ligand. <i>ChemSusChem</i> , 2019, 12, 3003-3007.	3.6	18
107	Core-shell structured Pd catalyst layer encapsulated by polydopamine for a gas-liquid-solid microreactor. <i>Applied Surface Science</i> , 2019, 487, 416-425.	3.1	11
108	Assembly of Functionalized 4-Alkynylisoxazoles by Palladium-Catalyzed Three-Component Cascade Cyclization/Alkynylation. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2309-2315.	1.7	15
109	Pd-Catalyzed Decarboxylative <i>Ortho</i> -Halogenation of Aryl Carboxylic Acids with Sodium Halide NaX Using Carboxyl as a Traceless Directing Group. <i>Organic Letters</i> , 2019, 21, 3003-3007.	2.4	17



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110	Generic Ion Chromatography–Conductivity Detection Method for Analysis of Palladium Scavengers in New Drug Substances. <i>Organic Process Research and Development</i> , 2019, 23, 1060-1068.	1.3	13
111	Palladium-Catalyzed Stereospecific Oxidative Cascade Reaction of Allenes for the Construction of Pyrrole Rings: Control of Reactivity and Selectivity. <i>ACS Catalysis</i> , 2019, 9, 5184-5190.	5.5	31
112	Pd(II)-Catalyzed Asymmetric Oxidative Annulation of <i>N</i> -Alkoxyheteroaryl Amides and 1,3-Dienes. <i>Organic Letters</i> , 2019, 21, 2048-2051.	2.4	36
113	Chemoselective aerobic oxidation of 2-amino- <i>N</i> -benzylanilines into <i>N</i> -(2-aminophenyl)imines via a nitroxide-free copper catalysis. <i>Tetrahedron Letters</i> , 2019, 60, 1139-1142.	0.7	0
114	Weinreb Amides as Directing Groups for Transition Metal-Catalyzed C-H Functionalizations. <i>Molecules</i> , 2019, 24, 830.	1.7	42
115	Electrosynthesis of ( <i>E</i> )-Vinyl Thiocyanates from Cinnamic Acids via Decarboxylative Coupling Reaction. <i>Organic Letters</i> , 2019, 21, 1958-1962.	2.4	68
116	Photoredox Mediated Acceptorless Dehydrogenative Coupling of Saturated N-Heterocycles. <i>ACS Catalysis</i> , 2019, 9, 3589-3594.	5.5	42
117	Palladium Catalyst with Task-Specific Ionic Liquid Ligands: Intracellular Reactions and Mitochondrial Imaging with Benzothiadiazole Derivatives. <i>Journal of Organic Chemistry</i> , 2019, 84, 5118-5128.	1.7	20
118	Copper(II)-Catalyzed Alkene Aminosulfonylation with Sodium Sulfinates For the Synthesis of Sulfonylated Pyrrolidones. <i>Organic Letters</i> , 2019, 21, 2890-2893.	2.4	38
119	Metal-Free Photocatalysts for C–H Bond Oxygenation Reactions with Oxygen as the Oxidant. <i>ChemSusChem</i> , 2019, 12, 2898-2910.	3.6	95
120	A fast and ultrasensitive detection of zinc ions based on a signal on mode of electrochemiluminescence from single oxygen generated by porphyrin grafted onto palladium nanocubes. <i>Sensors and Actuators B: Chemical</i> , 2019, 290, 203-209.	4.0	18
121	Tailoring the Size and Shape of Colloidal Noble Metal Nanocrystals as a Valuable Tool in Catalysis. <i>Catalysis Surveys From Asia</i> , 2019, 23, 127-148.	1.0	23
122	Recent Advances in Transition-Metal-Mediated Chelation-Assisted Sulfonylation of Unactivated C–H Bonds. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1710-1732.	2.1	93
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129	Aerobic Oxidative Alkenylation of Weak $\sigma$ -Coordinating Arylacetamides with Alkenes via a Rh(III)-Catalyzed C-H Activation. <i>Organic Letters</i> , 2019, 21, 1320-1324.	2.4	67
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144	Zugang zu <i>meta</i> - und <i>para</i> - $(sp^2)$ -H-Bindungen mithilfe kovalent gebundener dirigierender Gruppen. <i>Angewandte Chemie</i> , 2019, 131, 10934-10958.	1.6	56
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385	Ligand-Promoted [Pd]-Catalyzed $\alpha$ -Alkylation of Ketones through a Borrowing-Hydrogen Approach. <i>ChemistryOpen</i> , 2023, 12, .	0.9	1
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400	Synergistic effect of hydrogen bonds and $\pi$ - $\pi$ interactions of B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> -H <sub>2</sub> O/amides complex: Application in photoredox catalysis. <i>IScience</i> , 2023, 26, 106528.	1.9	2
401	Ring-opening reactions of phosphoramidate heterocycles. <i>Tetrahedron</i> , 2023, 137, 133390.	1.0	1
402	Oxidation enhances type I ROS generation of AIE-active zwitterionic photosensitizers for photodynamic killing of drug-resistant bacteria. <i>Chemical Science</i> , 2023, 14, 4863-4871.	3.7	11

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430	Pd(II)-Catalyzed Tandem Selective Dehydrogenative [4 + 2] Annulation of 2-Methyl-1,3-cycloalkanediones with olefins. Chemical Communications, 0, , .	2.2	0