

Homogeneous palladium-catalyzed asymmetric hydrogenation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Practical Asymmetric Synthesis of a Chiral Piperazinone Derivative. <i>Organic Process Research and Development</i> , 2013, 17, 1052-1060.	1.3	29
2	H ₂ Cleavage, Hydride Formation, and Catalytic Hydrogenation of Imines with Zinc Complexes of C ₅ Me ₅ and N-Heterocyclic Carbenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9831-9835.	7.2	86
3	Copper-Catalyzed Asymmetric Hydrogenation of Aryl and Heteroaryl Ketones. <i>Organic Letters</i> , 2013, 15, 4560-4563.	2.4	62
4	Palladium-Catalyzed Asymmetric Hydrogenolysis of N-Sulfonyl Aminoalcohols via Achiral Enesulfonamide Intermediates. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13365-13368.	7.2	18
5	Palladium-catalyzed asymmetric hydrogenation of fluorinated quinazolinones. <i>Tetrahedron Letters</i> , 2013, 54, 6161-6163.	0.7	22
6	Palladium-Catalyzed Asymmetric Hydrogenation of α -Acyloxy β -arylethanones. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11632-11636.	7.2	72
7	Palladium-catalyzed asymmetric hydrogenation of dibenzo[b,f][1,4]thiazepines activated by Brønsted acid. <i>Tetrahedron Letters</i> , 2013, 54, 5956-5959.	0.7	17
8	[Ir(P ^{OP})]-Catalyzed Asymmetric Hydrogenation of Diversely Substituted C-N-Containing Heterocycles. <i>Organic Letters</i> , 2013, 15, 2066-2069.	2.4	87
9	Highly enantioselective hydrogenation of N-protected indoles using (S)-C10-BridgePHOS as the chiral ligand. <i>Tetrahedron</i> , 2013, 69, 6839-6844.	1.0	58
10	Asymmetric Hydrogenation of Imines. <i>Topics in Current Chemistry</i> , 2013, 343, 103-144.	4.0	24
11	Synthesis and <i>In Vitro</i> Anti-Inflammatory Activity of Pyrrolo[1,2- <i>A</i>]pyrazines via Pd-Catalyzed Intermolecular Cyclization Reaction. <i>Advanced Materials Research</i> , 2013, 830, 115-118.	0.3	4
17	Regioselective Conjugate Addition of Nitriles to α,β -Unsaturated Imines: Synthesis of Fluorinated Primary Enamines and α -Aminopyridine Derivatives. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5614-5620.	1.2	12
19	Theoretical Study on Homogeneous Hydrogen Activation Catalyzed by Cationic Ag(I) Complex. <i>Organometallics</i> , 2014, 33, 6577-6584.	1.1	12
20	Magnetically separable carbon nanocomposite catalysts for efficient nitroarene reduction and Suzuki reactions. <i>Applied Catalysis A: General</i> , 2014, 476, 133-139.	2.2	73
21	Zincocene and Dizincocene N-Heterocyclic Carbene Complexes and Catalytic Hydrogenation of Imines and Ketones. <i>Chemistry - A European Journal</i> , 2014, 20, 8370-8378.	1.7	48
22	Homogenous Pd-Catalyzed Asymmetric Hydrogenation of Unprotected Indoles: Scope and Mechanistic Studies. <i>Journal of the American Chemical Society</i> , 2014, 136, 7688-7700.	6.6	169
23	Carbocatalysis by Graphene-Based Materials. <i>Chemical Reviews</i> , 2014, 114, 6179-6212.	23.0	595
24	Synthesis of Fluorinated Heteroaromatics through Formal Substitution of a Nitro Group by Fluorine under Transition-Metal-Free Conditions. <i>Chemistry - A European Journal</i> , 2014, 20, 8343-8346.	1.7	11

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25	Iron Catalyzed Asymmetric Hydrogenation of Ketones. <i>Journal of the American Chemical Society</i> , 2014, 136, 4031-4039.	6.6	215
26	Chiral Phosphoric Acid-Catalyzed Asymmetric Transfer Hydrogenation of Quinolin-3-amines. <i>Organic Letters</i> , 2014, 16, 2680-2683.	2.4	70
27	The Concise Synthesis of Spiro-Cyclopropane Compounds via the Dearomatization of Indole Derivatives. <i>Organic Letters</i> , 2014, 16, 2578-2581.	2.4	41
28	Synthesis of Chiral Exocyclic Amines by Asymmetric Hydrogenation of Aromatic Quinolin-3-amines. <i>Chemistry - A European Journal</i> , 2014, 20, 7245-7248.	1.7	35
29	Asymmetric Hydrogenation via Capture of Active Intermediates Generated from Aza-Pinacol Rearrangement. <i>Journal of the American Chemical Society</i> , 2014, 136, 15837-15840.	6.6	30
30	Metal-free asymmetric hydrogenation and hydrosilylation catalyzed by frustrated Lewis pairs. <i>Tetrahedron Letters</i> , 2014, 55, 6959-6964.	0.7	122
31	Imine hydrogenation by alkylaluminum catalysts. <i>Chemical Communications</i> , 2014, 50, 301-303.	2.2	49
32	Diastereo- and enantioselective reductive amination of cycloaliphatic ketones by preformed chiral palladium complexes. <i>Catalysis Science and Technology</i> , 2014, 4, 2626-2630.	2.1	15
33	Advances in Catalyst Systems for the Asymmetric Hydrogenation and Transfer Hydrogenation of Ketones. <i>Catalysis Reviews - Science and Engineering</i> , 2014, 56, 82-174.	5.7	66
34	8.04 Reduction of CO to CHOH by Metal-Catalyzed Hydrogenation and Transfer Hydrogenation. , 2014, , 198-273.		7
35	Hydrogen Activation by an Aromatic Triphosphabenzene. <i>Journal of the American Chemical Society</i> , 2014, 136, 13453-13457.	6.6	71
36	8.17 Homogeneous Catalytic Hydrogenation of C ₂ C and C ₂ C. , 2014, , 605-631.		2
37	Palladium-catalyzed asymmetric hydrogenation of 3-phthalimido substituted quinolines. <i>Chemical Communications</i> , 2014, 50, 9588-9590.	2.2	65
38	Palladium Complex Immobilized on Graphene Oxide as an Efficient and Recyclable Catalyst for Suzuki Coupling Reaction. <i>Catalysis Letters</i> , 2014, 144, 1617-1623.	1.4	62
39	Iron and Palladium(II) Phthalocyanines as Recyclable Catalysts for Reduction of Nitroarenes. <i>Catalysis Letters</i> , 2014, 144, 1258-1267.	1.4	29
40	Development and outlook of chiral carbene-gold(I) complexes catalyzed asymmetric reactions. <i>Tetrahedron Letters</i> , 2014, 55, 577-584.	0.7	32
41	Recent topics in catalytic asymmetric hydrogenation of ketones. <i>Tetrahedron Letters</i> , 2014, 55, 3635-3640.	0.7	105
42	Biocatalytic Imine Reduction and Reductive Amination of Ketones. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1655-1685.	2.1	193

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43	Hydrodynamic and Thermophoretic Effects on the Supramolecular Chirality of Pyrene-Derived Nanosheets. <i>Chemistry - A European Journal</i> , 2015, 21, 9505-9513.	1.7	17
44	Substrate Activation in the Catalytic Asymmetric Hydrogenation of <i>N</i> -Heteroarenes. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5293-5303.	1.2	57
47	Functionalized Magnetic Mesoporous Silica Nanoparticle-Supported Palladium Catalysts for Carbonylative Sonogashira Coupling Reactions of Aryl Iodides. <i>ChemCatChem</i> , 2015, 7, 2230-2240.	1.8	34
48	Enantioselective Metal-Free Hydrogenations of Disubstituted Quinolines. <i>Organic Letters</i> , 2015, 17, 6266-6269.	2.4	89
49	Computational Mechanistic Study of the Hydrogenation and Dehydrogenation Reactions Catalyzed by Cobalt Pincer Complexes. <i>Organometallics</i> , 2015, 34, 5716-5722.	1.1	35
50	Formal Palladium-Catalyzed Asymmetric Hydrogenolysis of Racemic <i>N</i> -Sulfonyloxaziridines. <i>Organic Letters</i> , 2015, 17, 190-193.	2.4	32
51	Relay Iron/Chiral Brønsted Acid Catalysis: Enantioselective Hydrogenation of Benzoxazinones. <i>Journal of the American Chemical Society</i> , 2015, 137, 2763-2768.	6.6	96
52	Chemoselective Hydrogenation of Nitrobenzaldehyde to Nitrobenzyl Alcohol with Unsupported Au Nanorod Catalysts in Water. <i>Journal of Physical Chemistry C</i> , 2015, 119, 11143-11147.	1.5	31
53	Kinetics of palladium nano-particles catalyzed reduction of Methylene Green by hydrazine: Role of induction period in determining mechanistic pathway. <i>Inorganica Chimica Acta</i> , 2015, 428, 185-192.	1.2	7
54	Enhancing Effects of Salt Formation on Catalytic Activity and Enantioselectivity for Asymmetric Hydrogenation of Isoquinolinium Salts by Dinuclear Halide-Bridged Iridium Complexes Bearing Chiral Diphosphine Ligands. <i>Chemistry - A European Journal</i> , 2015, 21, 1915-1927.	1.7	42
55	Nickel-Catalyzed Asymmetric Transfer Hydrogenation of Hydrazones and Other Ketimines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5112-5116.	7.2	138
56	Ruthenium-Catalyzed Straightforward Synthesis of 1,2,3,4-Tetrahydronaphthyridines via Selective Transfer Hydrogenation of Pyridyl Ring with Alcohols. <i>Organic Letters</i> , 2015, 17, 4054-4057.	2.4	52
57	An easily recoverable and recyclable homogeneous polyester-based Pd catalytic system for the hydrogenation of α,β -unsaturated carbonyl compounds. <i>Catalysis Communications</i> , 2015, 69, 228-233.	1.6	8
58	Novel heterogeneous catalyst systems based on Pd(0) nanoparticles onto amine functionalized silica-cellulose substrates [Pd(0)-EDA/SCs]: Synthesis, characterization and catalytic activity toward C-C and C-S coupling reactions in water under limiting basic conditions. <i>Journal of Molecular Catalysis A</i> , 2015, 408, 48-59.	4.8	33
59	The Literature of Heterocyclic Chemistry, Part XIII, 2012-2013. <i>Advances in Heterocyclic Chemistry</i> , 2015, 116, 193-363.	0.9	12
60	Frustrated Lewis Pair Chemistry: Development and Perspectives. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6400-6441.	7.2	1,444
61	Cis-Selective and Highly Enantioselective Hydrogenation of 2,3,4-Trisubstituted Quinolines. <i>Organic Letters</i> , 2015, 17, 2816-2819.	2.4	86
62	Nickel complexes of 1,2,4-triazole derived amido-functionalized N-heterocyclic carbene ligands: Synthesis, theoretical studies and catalytic application. <i>Journal of Organometallic Chemistry</i> , 2015, 786, 63-70.	0.8	22

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63	Chiral phosphoric acid catalyzed oxidative kinetic resolution of cyclic secondary amine derivatives including tetrahydroquinolines by hydrogen transfer to imines. <i>Chemical Communications</i> , 2015, 51, 16648-16651.	2.2	35
64	Mechanistic interpretation of selective catalytic hydrogenation and isomerization of alkenes and dienes by ligand deactivated Pd nanoparticles. <i>Nanoscale</i> , 2015, 7, 17786-17790.	2.8	28
65	Synthesis of Chiral Trifluoromethyl-Substituted Hydrazines via Pd-Catalyzed Asymmetric Hydrogenation and Reductive Amination. <i>ACS Catalysis</i> , 2015, 5, 6086-6089.	5.5	55
66	Facile synthesis and molecular structure of the tris(amine) complex [PdCl(H ₂ NBz) ₃]Cl·H ₂ O. <i>Inorganic Chemistry Communication</i> , 2015, 62, 91-93.	1.8	3
67	Lipase immobilization towards improved productivity on kinetic resolutions by a continuous-flow process. <i>RSC Advances</i> , 2015, 5, 102409-102415.	1.7	17
68	Asymmetric tandem reactions of N-sulfonylimines and α,β -unsaturated aldehydes: an alternative reaction pathway to that of using saturated aldehydes. <i>Chemical Communications</i> , 2015, 51, 885-888.	2.2	33
69	Nickel N-heterocyclic carbene complexes and their utility in homogeneous catalysis. <i>Inorganica Chimica Acta</i> , 2015, 431, 61-100.	1.2	111
70	Advances in dearomatization strategies of indoles. <i>Tetrahedron</i> , 2015, 71, 3549-3591.	1.0	320
71	Asymmetric Hydrogenation of 3- <i>Amido</i> -2- <i>aryl</i> pyridinium Salts by Triply Chloride-Bridged Dinuclear Iridium Complexes Bearing Enantiopure Diphosphine Ligands: Synthesis of Neurokinin-1 Receptor Antagonist Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1929-1933.	2.1	17
72	Asymmetric Hydrogenation of Seven-Membered C=N-containing Heterocycles and Rationalization of the Enantioselectivity. <i>Chemistry - A European Journal</i> , 2016, 22, 10607-10613.	1.7	38
73	The Discovery and Synthesis of the CGRP Receptor Antagonist MK-3207. <i>ACS Symposium Series</i> , 2016, , 63-136.	0.5	4
74	Synthesis of Chiral Fluorinated Hydrazines via Pd-Catalyzed Asymmetric Hydrogenation. <i>Organic Letters</i> , 2016, 18, 2676-2679.	2.4	36
75	Generation of Hydrogen from Water: A Pd-Catalyzed Reduction of Water Using Diboron Reagent at Ambient Conditions. <i>Organic Letters</i> , 2016, 18, 5062-5065.	2.4	77
76	Nickel-Catalyzed Enantioselective Reductive Amination of Ketones with Both Arylamines and Benzhydrazide. <i>Angewandte Chemie</i> , 2016, 128, 12262-12266.	1.6	30
77	Transition-Metal-Catalyzed Asymmetric Hydrogenation and Transfer Hydrogenation: Sustainable Chemistry to Access Bioactive Molecules. <i>Chemical Record</i> , 2016, 16, 2754-2771.	2.9	58
79	Highly Efficient Cascade Reaction for Selective Formation of Spirocyclobutenes from Dienallenes via Palladium-Catalyzed Oxidative Double Carbocyclization-Carbonylation-Alkynylation. <i>Journal of the American Chemical Society</i> , 2016, 138, 13846-13849.	6.6	49
80	<i>N,N</i> -Dimethylformamide as Hydride Source in Nickel-Catalyzed Asymmetric Hydrogenation of α,β -Unsaturated Esters. <i>Organic Letters</i> , 2016, 18, 5344-5347.	2.4	58
81	Kinetic Resolution of Axially Chiral 5- or 8-Substituted Quinolines via Asymmetric Transfer Hydrogenation. <i>Journal of the American Chemical Society</i> , 2016, 138, 10413-10416.	6.6	112

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82	Nickel-Catalyzed Enantioselective Reductive Amination of Ketones with Both Arylamines and Benzhydrazide. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12083-12087.	7.2	110
83	Bio-Waste Corn-cob Cellulose Supported Poly(amidoxime) Palladium Nanoparticles for Suzuki-Miyaura Cross-Coupling Reactions. <i>ChemistrySelect</i> , 2016, 1, 4108-4112.	0.7	17
84	A Hydrogenation/Oxidative Fragmentation Cascade for Synthesis of Chiral 4,5-Dihydro-1 <i>H</i> -benzo[<i>d</i>]azepin-1-ones. <i>Organic Letters</i> , 2016, 18, 5920-5923.	2.4	15
85	Asymmetric Hydrogenation of Allylic Alcohols Using Ir ^{III} -N,P-Complexes. <i>ACS Catalysis</i> , 2016, 6, 8342-8349.	5.5	34
86	Neutral and cationic (pyrazolylmethyl)pyridine palladium(II) complexes: kinetics and chemoselectivity studies in hydrogenation of alkenes and alkynes. <i>Transition Metal Chemistry</i> , 2016, 41, 539-546.	0.7	4
87	Synthesis, characterization and first application of chiral C ₂ -symmetric bis(phosphinite)-Pd(II) complexes as catalysts in asymmetric intermolecular Heck reactions. <i>Applied Organometallic Chemistry</i> , 2016, 30, 193-198.	1.7	6
88	Homogeneous metal catalysis for conversion between aromatic and saturated compounds. <i>Coordination Chemistry Reviews</i> , 2016, 314, 134-181.	9.5	93
89	Assessment of the Electronic Factors Determining the Thermodynamics of σ -Oxidative Addition-of C-H and N-H Bonds to Ir(I) Complexes. <i>Journal of the American Chemical Society</i> , 2016, 138, 149-163.	6.6	52
90	Palladium nanoparticles supported on a titanium dioxide cellulose composite (PdNPs@TiO ₂ -Cell) for ligand-free carbon-carbon cross coupling reactions. <i>RSC Advances</i> , 2016, 6, 3406-3420.	1.7	30
91	Enantioselective Synthesis of β -Amino Phosphonates via Pd-Catalyzed Asymmetric Hydrogenation. <i>Organic Letters</i> , 2016, 18, 692-695.	2.4	59
92	(Pyridyl)benzazole palladium(σ) complexes as homogeneous catalysts in hydrogenation of alkenes and alkynes. <i>Catalysis Science and Technology</i> , 2016, 6, 5069-5078.	2.1	20
93	Molecular Coordination-Switch in a New Role: Controlling Highly Selective Catalytic Hydrogenation with Switchability Function. <i>ACS Catalysis</i> , 2016, 6, 2424-2428.	5.5	40
94	Selective hydrosilylation of N-allylimines using a (3-iminophosphine)palladium precatalyst. <i>Catalysis Science and Technology</i> , 2016, 6, 685-689.	2.1	10
95	Asymmetric synthesis of 4-aryl-1,2,5-thiadiazolidin-3-one 1,1-dioxides via Pd-catalyzed hydrogenation of cyclic ketimines. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1325-1328.	1.5	4
96	Platinum functionalized Chiral Polyamides: Efficient Heterogeneous Catalyst for Solvent Free Asymmetric Hydrogenation of Ethyl 2-oxo-4-phenylbutanoate. <i>ChemistrySelect</i> , 2017, 2, 513-520.	0.7	6
97	Palladium-Catalyzed Oxidative Cascade Carbonylative Spirolactonization of Enallenols. <i>Angewandte Chemie</i> , 2017, 129, 3269-3273.	1.6	10
98	Palladium-Catalyzed Oxidative Cascade Carbonylative Spirolactonization of Enallenols. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3221-3225.	7.2	40
99	Towards highly active Pd/CeO ₂ for alkene hydrogenation by tuning Pd dispersion and surface properties of the catalysts. <i>Nanoscale</i> , 2017, 9, 3140-3149.	2.8	35

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101	Efficient access to chiral 1,2-amino alcohols via Ir/f-amphox-catalyzed asymmetric hydrogenation of β -amino ketones. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1499-1502.	2.3	32
102	Iridium-Catalyzed Asymmetric Hydrogenation of Unsaturated Piperazine-2-ones. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1933-1941.	2.1	18
103	Broad Scope Synthesis of Ester Precursors of Nonfunctionalized Chiral Alcohols Based on the Asymmetric Hydrogenation of β -Dialkyl-, β -Diaryl-, and β -Alkyl- β -aryl-vinyl Esters. <i>Journal of Organic Chemistry</i> , 2017, 82, 5852-5867.	1.7	26
104	Efficient synthesis of cyclic P-stereogenic phosphinamides from acyclic chiral precursors via radical oxidative intramolecular aryl C=C-H phosphinamidation. <i>Chemical Communications</i> , 2017, 53, 5826-5829.	2.2	36
105	Asymmetric Synthesis of Optically Active Spirocyclic Indoline Scaffolds through an Enantioselective Reduction of Indoles. <i>Chemistry - A European Journal</i> , 2017, 23, 798-801.	1.7	22
106	Ru-Catalyzed asymmetric transfer hydrogenation of substituted dibenzo[b,f][1,4]oxazepines in water. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5263-5267.	1.5	19
107	Synthesis of Chiral β -Lactams via in Situ Elimination/Iridium-Catalyzed Asymmetric Hydrogenation of Racemic β -Hydroxy β -Lactams. <i>Organic Letters</i> , 2017, 19, 1886-1889.	2.4	12
108	Mesoporous silica-based nanotubes loaded Pd nanoparticles: Effect of framework compositions on the performance in heterogeneous catalysis. <i>Microporous and Mesoporous Materials</i> , 2017, 247, 1-8.	2.2	10
109	N/O-doped carbon as a π -solid ligand for nano-Pd catalyzed biphenyl- and triphenylamine syntheses. <i>Catalysis Science and Technology</i> , 2017, 7, 2170-2182.	2.1	10
110	Synthesis of chiral β -sultams through intramolecular reductive amination with sulfonylcarbamate as N-source. <i>Tetrahedron Letters</i> , 2017, 58, 1528-1530.	0.7	5
111	The Construction of Chiral Fused Azabicycles Using a Pd-Catalyzed Allylic Substitution Cascade and Asymmetric Desymmetrization Strategy. <i>Organic Letters</i> , 2017, 19, 238-241.	2.4	34
112	One-Pot Two-Step Synthesis of Optically Active β -Amino Phosphonates by Palladium-Catalyzed Hydrogenation/Hydrogenolysis of β -Hydrazono Phosphonates. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 153-162.	2.1	11
113	Synthesis of chiral sultams via palladium-catalyzed intramolecular asymmetric reductive amination. <i>Chemical Communications</i> , 2017, 53, 1704-1707.	2.2	44
114	Nickel-Catalyzed N-Alkylation of Acylhydrazines and Arylamines Using Alcohols and Enantioselective Examples. <i>Angewandte Chemie</i> , 2017, 129, 14894-14898.	1.6	35
115	Nickel-Catalyzed N-Alkylation of Acylhydrazines and Arylamines Using Alcohols and Enantioselective Examples. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14702-14706.	7.2	121
116	Carbon Nanotube-supported Pd/Ni(OH) ₂ Nanoparticles: Magnetically Recoverable and Reusable Catalyst for the Reduction of Nitroarenes. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 1321-1326.	1.0	3
117	Asymmetric Hydrogenation of Isoquinolines and Pyridines Using Hydrogen Halide Generated in Situ as Activator. <i>Organic Letters</i> , 2017, 19, 4988-4991.	2.4	59

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119	Honeycomb-like Bicontinuous P-Doped Porous Polymers from Hyper-Cross-Linking of Diblock Copolymers for Heterogeneous Catalysis. <i>Macromolecules</i> , 2017, 50, 9626-9635.	2.2	30
120	Highly Enantioselective Hydrosilylation of Ketones Catalyzed by a Chiral Oxazaborolidinium Ion. <i>Organic Letters</i> , 2017, 19, 6316-6319.	2.4	28
121	<i>t</i> -BuLi-Promoted Intermolecular Regioselective Nucleophilic Addition of Arenes to Diazo Compounds as N-Terminal Electrophiles: Efficient Synthesis of Hydrazine Derivatives. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6137-6145.	1.2	11
122	Synthesis of chiral hydantoin derivatives by homogeneous Pd-catalyzed asymmetric hydrogenation. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 47-53.	1.8	13
123	Ir(I)-catalyzed enantioselective hydrogenolysis of 3-aryl-3-hydroxyisoindolin-1-ones. <i>Tetrahedron Letters</i> , 2017, 58, 142-144.	0.7	10
124	Pd NPs supported on N-doped carbon layer coated ZrSBA-15 for efficient heterogeneous catalysis reactions. <i>Microporous and Mesoporous Materials</i> , 2018, 266, 64-74.	2.2	12
125	Asymmetric transfer hydrogenation reactions of <i>N</i> -sulfonylimines by using alcohols as hydrogen sources. <i>Chemical Communications</i> , 2018, 54, 4963-4966.	2.2	35
126	Facile Synthesis of Chiral Cyclic Ureas through Hydrogenation of 2-Hydroxypyrimidine/Pyrimidin-2(1H)-one Tautomers. <i>Angewandte Chemie</i> , 2018, 130, 5955-5959.	1.6	5
127	Asymmetric Transfer and Pressure Hydrogenation with Earth-Abundant Transition Metal Catalysts. <i>Chinese Journal of Chemistry</i> , 2018, 36, 443-454.	2.6	148
128	Facile Synthesis of Chiral Cyclic Ureas through Hydrogenation of 2-Hydroxypyrimidine/Pyrimidin-2(1H)-one Tautomers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5853-5857.	7.2	43
129	Ruthenium-Catalyzed Hydrogenation of Carbocyclic Aromatic Amines: Access to Chiral Exocyclic Amines. <i>Organic Letters</i> , 2018, 20, 1094-1097.	2.4	35
130	Synthesis of chiral sultams with two adjacent stereocenters <i>via</i> palladium-catalyzed dynamic kinetic resolution. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1113-1117.	2.3	17
131	I ₂ /TBHP/cyclohexanone a novel catalyst system for the oxidative dearomatization of indoles to indolin-3-ones at room temperature under solvent-free condition. <i>Catalysis Communications</i> , 2018, 106, 68-72.	1.6	17
132	Iridium-catalyzed asymmetric hydrogenation of 2-substituted 1,4-benzodioxines. <i>Tetrahedron</i> , 2018, 74, 477-482.	1.0	19
133	Highly enantioselective Ir/f-amphox-catalyzed hydrogenation of ketoamides: efficient access to chiral hydroxy amides. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2000-2003.	2.3	16
134	Substrate Directed Asymmetric Reactions. <i>Chemical Reviews</i> , 2018, 118, 3391-3446.	23.0	94
135	Ruthenium-Catalyzed Chemo- and Enantioselective Hydrogenation of Isoquinoline Carbocycles. <i>Journal of Organic Chemistry</i> , 2018, 83, 3829-3839.	1.7	33
136	Sequential asymmetric hydrogenation and photoredox chemistry with a single catalyst. <i>Organic Chemistry Frontiers</i> , 2018, 5, 166-170.	2.3	24

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137	Efficient Pd-Catalyzed Asymmetric Hydrogenation of Chiral Biaryl Bisphosphorus Ligands for Palladium-Catalyzed Asymmetric Hydrogenation. Chinese Journal of Chemistry, 2018, 36, 153-156.	2.6	19
138	Frustrated Lewis Pairs Catalyzed Asymmetric Metal-Free Hydrogenations and Hydrosilylations. Accounts of Chemical Research, 2018, 51, 191-201.	7.6	214
139	Immobilization of a palladium(II) bis(imidazolium) complex onto graphene oxide by noncovalent interactions: an efficient and recyclable catalyst for Suzuki-Miyaura reaction. Journal of the Iranian Chemical Society, 2018, 15, 529-536.	1.2	11
140	Synthesis of chiral seven-membered β -substituted lactams via Rh-catalyzed asymmetric hydrogenation. Organic and Biomolecular Chemistry, 2018, 16, 8819-8823.	1.5	12
141	8. Hydrogenation of nitriles and imines for hydrogen storage. , 2018, , 271-294.		0
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