

# Tamio Hayashi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2006133/publications.pdf>

Version: 2024-02-01

142  
papers

14,867  
citations

13865

67  
h-index

19190

118  
g-index

154  
all docs

154  
docs citations

154  
times ranked

5761  
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric Synthesis of Chiral Bicyclo[2.2.1]hepta-2,5-diene Ligands through Rhodium-Catalyzed Asymmetric Arylative Bis-cyclization of a 1,6-Enyne. <i>Organic Letters</i> , 2021, 23, 6311-6315.	4.6	4
2	Asymmetric Synthesis of Fluorinated Allenes by Rhodium-Catalyzed Enantioselective Alkylation/Defluorination of Propargyl Difluorides with Alkylzincs. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20771-20775.	13.8	20
3	Asymmetric Synthesis of Fluorinated Allenes by Rhodium-Catalyzed Enantioselective Alkylation/Defluorination of Propargyl Difluorides with Alkylzincs. <i>Angewandte Chemie</i> , 2021, 133, 20939-20943.	2.0	4
4	Rhodium(I)/Chiral Diene-Catalyzed Enantioselective Addition of Boronic Acids to <i>N</i> -Unsubstituted Isatin-Derived Ketimines. <i>Chemistry - an Asian Journal</i> , 2020, 15, 499-502.	3.3	14
5	Highly Enantioselective Synthesis of Monofluoroalkenes by Rhodium-Catalyzed Asymmetric Arylation/Defluorination of Allyl Difluorides. <i>Organic Letters</i> , 2020, 22, 8413-8418.	4.6	17
6	Asymmetric Synthesis of Alkylzincs by Rhodium-Catalyzed Enantioselective Arylative Cyclization of 1,6-Enynes with Arylzincs. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18510-18514.	13.8	11
7	Asymmetric Synthesis of Alkylzincs by Rhodium-Catalyzed Enantioselective Arylative Cyclization of 1,6-Enynes with Arylzincs. <i>Angewandte Chemie</i> , 2020, 132, 18668-18672.	2.0	4
8	Rhodium-Catalyzed Diverse Arylation of 2,5-Dihydrofuran: Controllable Divergent Synthesis via Four Pathways. <i>ACS Catalysis</i> , 2020, 10, 2958-2963.	11.2	14
9	Synthesis of Arylacetaldehydes by Iridium-Catalyzed Arylation of Vinylene Carbonate with Arylboronic Acids. <i>Angewandte Chemie</i> , 2019, 131, 11170-11173.	2.0	4
10	Synthesis of Arylacetaldehydes by Iridium-Catalyzed Arylation of Vinylene Carbonate with Arylboronic Acids. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11054-11057.	13.8	34
11	Enantioselective Synthesis of 3,3-Diaryl- $\beta$ -PINOLs: Rhodium-Catalyzed Asymmetric Arylation/BF <sub>3</sub> -Promoted Spirocyclization Sequence. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2474-2478.	13.8	39
12	Enantioselective Synthesis of 3,3-Diaryl- $\beta$ -PINOLs: Rhodium-Catalyzed Asymmetric Arylation/BF <sub>3</sub> -Promoted Spirocyclization Sequence. <i>Angewandte Chemie</i> , 2019, 131, 2496-2500.	2.0	7
13	Palladium-Catalyzed Asymmetric Allylic Alkylations of Colby Pro-Enolates with MBH Carbonates: Enantioselective Access to Quaternary C <sup>+</sup> F Oxindoles. <i>Chemistry - A European Journal</i> , 2018, 24, 8994-8998.	3.3	42
14	Rhodium-Catalyzed Enantioselective Hydroarylation of Divinylphosphine Oxides with Aryl Boroxines. <i>Angewandte Chemie</i> , 2018, 130, 1718-1722.	2.0	12
15	Rhodium-Catalyzed Enantioselective Hydroarylation of Divinylphosphine Oxides with Aryl Boroxines. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1702-1706.	13.8	44
16	Access to Chiral HWE Reagents by Rhodium-Catalyzed Asymmetric Arylation of $\hat{\beta}$ , $\hat{\gamma}$ -Unsaturated $\hat{\beta}$ -Ketophosphonates. <i>Journal of Organic Chemistry</i> , 2018, 83, 5869-5875.	3.2	8
17	Catalytic Asymmetric Conjugate Arylation of $\hat{\beta}$ , $\hat{\gamma}$ -Unsaturated $\hat{\beta}$ -Dicarbonyl Compounds. <i>Organic Letters</i> , 2018, 20, 6882-6885.	4.6	16
18	Rhodium-Catalyzed Arylzincation of Alkynes: Ligand Control of 1,4-Migration Selectivity. <i>Organic Letters</i> , 2018, 20, 6188-6192.	4.6	17

#	ARTICLE	IF	CITATIONS
19	Asymmetric Synthesis of Axially Chiral $\alpha$ -Aminoesters by Rhodium-Catalyzed Benzannulation of $\beta$ -Arylalkynes with $\alpha$ -(Cyanomethyl)phenylboronates. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10368-10372.	13.8	50
20	Asymmetric Synthesis of Axially Chiral $\alpha$ -Aminoesters by Rhodium-Catalyzed Benzannulation of $\beta$ -Arylalkynes with $\alpha$ -(Cyanomethyl)phenylboronates. <i>Angewandte Chemie</i> , 2018, 130, 10525-10529.	2.0	14
21	Addition of arylstannanes to alkynes giving <i>ortho</i> -alkenylarylstannanes catalysed cooperatively by a rhodium complex and zinc chloride. <i>Chemical Science</i> , 2018, 9, 7700-7704.	7.4	16
22	Enantioselective Access to Bicyclo[3.2.1]octadienone Skeleton: Total Syntheses of (+)-Engelharquinone and Its Epoxide. <i>Organic Letters</i> , 2017, 19, 1470-1473.	4.6	16
23	Dynamic Kinetic Resolution in Rhodium-Catalyzed Asymmetric Arylation of Phospholene Oxides. <i>Journal of the American Chemical Society</i> , 2017, 139, 8122-8125.	13.7	63
24	Modified Amino Acid-Derived Phosphine-Imine Ligands for Palladium-Catalyzed Asymmetric Arylation of Cyclic $\beta$ -Sulfonyl Imines. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1969-1975.	4.3	37
25	Base-Free Conditions for Rhodium-Catalyzed Asymmetric Arylation To Produce Stereochemically Labile $\beta$ -Aryl Ketones. <i>Angewandte Chemie</i> , 2016, 128, 6851-6855.	2.0	10
26	Base-Free Conditions for Rhodium-Catalyzed Asymmetric Arylation To Produce Stereochemically Labile $\beta$ -Aryl Ketones. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6739-6743.	13.8	43
27	Synthesis of Planar Chiral Shvo Catalysts for Asymmetric Transfer Hydrogenation. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1054-1058.	4.3	20
28	Aryloxymethyltrifluoroborates for Rhodium-Catalyzed Asymmetric Conjugate Arylation. <i>ortho</i> -Methoxyarylation through 1,4-Rhodium Shift. <i>Organic Letters</i> , 2016, 18, 6452-6455.	4.6	28
29	Asymmetric Conjugate Alkynylation of Cyclic $\beta,\beta$ -Unsaturated Carbonyl Compounds with a Chiral Diene Rhodium Catalyst. <i>Angewandte Chemie</i> , 2016, 128, 1145-1149.	2.0	15
30	Rhodium-Catalyzed Asymmetric Arylation/Defluorination of 1-(Trifluoromethyl)alkenes Forming Enantioenriched 1,1-Difluoroalkenes. <i>Journal of the American Chemical Society</i> , 2016, 138, 12340-12343.	13.7	180
31	Palladium-Catalyzed Asymmetric Arylation of Trifluoromethylated/Perfluoroalkylated $\beta$ -Quinazolinones with High Enantioselectivity. <i>Chemistry - A European Journal</i> , 2016, 22, 13068-13071.	3.3	25
32	Asymmetric Conjugate Alkynylation of Cyclic $\beta,\beta$ -Unsaturated Carbonyl Compounds with a Chiral Diene Rhodium Catalyst. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1133-1137.	13.8	65
33	Asymmetric Synthesis of Triarylmethanes by Rhodium-Catalyzed Enantioselective Arylation of Diarylmethylamines with Arylboroxines. <i>Journal of the American Chemical Society</i> , 2015, 137, 7556-7559.	13.7	142
34	Nickel-Catalyzed Three-Component Domino Reactions of Aryl Grignard Reagents, Alkynes, and Aryl Halides Producing Tetrasubstituted Alkenes. <i>Journal of the American Chemical Society</i> , 2015, 137, 3189-3192.	13.7	115
35	A chiral bicyclo[2.2.2]octa-2,5-diene ligand substituted with the ferrocenyl group and its use for rhodium-catalyzed asymmetric 1,4-addition reactions. <i>Organic Chemistry Frontiers</i> , 2015, 2, 127-132.	4.5	11
36	Rhodium-Catalyzed Asymmetric Arylation of Allyl Sulfones under the Conditions of Isomerization into Alkenyl Sulfones. <i>Journal of the American Chemical Society</i> , 2015, 137, 3201-3204.	13.7	52

#	ARTICLE	IF	CITATIONS
37	Single-Electron-Transfer-Induced Coupling of Arylzinc Reagents with Aryl and Alkenyl Halides. <i>Angewandte Chemie</i> , 2014, 126, 531-535.	2.0	15
38	Asymmetric Synthesis of <i>P</i> -Stereogenic Diarylphosphinites by Palladium-Catalyzed Enantioselective Addition of Diarylphosphines to Benzoquinones. <i>Journal of the American Chemical Society</i> , 2014, 136, 4865-4868.	13.7	119
39	High Performance of a Palladium Phosphinoxazoline Catalyst in the Asymmetric Arylation of Cyclic <i>N</i> -Sulfonyl Ketimines. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9936-9939.	13.8	103
40	Palladium-catalyzed asymmetric hydrosilylation of styrenes with trichlorosilane. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 479-484.	1.8	22
41	Improved Procedure for Single-electron-transfer-induced Grignard Cross-coupling Reaction. <i>Chemistry Letters</i> , 2014, 43, 922-924.	1.3	16
42	Asymmetric synthesis of gem-diaryl substituted cyclic sulfamidates and sulfamides by rhodium-catalyzed arylation of cyclic ketimines. <i>Chemical Communications</i> , 2013, 49, 5504.	4.1	67
43	Rhodium-Catalyzed Asymmetric Hydroarylation of 3-Pyrrolines Giving 3-Arylpyrrolidines: Protonation as a Key Step. <i>Journal of the American Chemical Society</i> , 2013, 135, 10990-10993.	13.7	66
44	Rhodium-Catalyzed Asymmetric Cycloisomerization of 1,6-Dienamides. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1374-1382.	4.3	45
45	Hydroxorhodium/Chiral Diene Complexes as Effective Catalysts for the Asymmetric Arylation of 3-Aryl- $\beta$ -hydroxyisoindolinones. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1777-1780.	13.8	115
46	Copper-catalyzed Oxidative C-C, C-O, and C-N Bond Forming Reactions of Arylboronic Acids. <i>Chemistry Letters</i> , 2013, 42, 269-271.	1.3	6
47	Rhodium/diene-catalyzed tandem 1,4-shift/1,4-addition of (E)-1,2-diphenylethenylboronic acid to enones: density functional theory modeling and asymmetric catalysis. <i>Chemical Science</i> , 2012, 3, 1278.	7.4	83
48	Asymmetric Synthesis of (Triaryl)methylamines by Rhodium-Catalyzed Addition of Arylboroxines to Cyclic <i>N</i> -Sulfonyl Ketimines. <i>Journal of the American Chemical Society</i> , 2012, 134, 5056-5059.	13.7	209
49	Asymmetric conjugate addition of cis-2-arylethenylboronic acids catalyzed by chiral diene/rhodium complexes: 1,4-rhodium shift from alkenylrhodium to arylrhodium intermediates. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 373-380.	1.8	36
50	Rhodium-Catalyzed Asymmetric Addition of Potassium Organotrifluoroborates to <i>N</i> -Sulfonyl Ketimines. <i>Organic Letters</i> , 2011, 13, 2977-2979.	4.6	104
51	Rhodium/Chiral Diene-Catalyzed Asymmetric Cyclopolymerization of Achiral 1,8-Diyne. <i>Organometallics</i> , 2011, 30, 2342-2348.	2.3	25
52	Rhodium-Catalyzed Asymmetric Synthesis of Spirocarbocycles: Arylboron Reagents as Surrogates of 1,2-Dimetalloarenes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3795-3798.	13.8	128
53	Iridium/Chiral Diene-Catalyzed Asymmetric 1,6-Addition of Arylboroxines to $\hat{1}, \hat{2}, \hat{3}$ -Unsaturated Carbonyl Compounds. <i>Journal of the American Chemical Society</i> , 2010, 132, 7872-7873.	13.7	128
54	Rhodium-Catalyzed Asymmetric Addition of Arylboronic Acids to $\hat{2}$ -Phthaliminoacrylate Esters toward the Synthesis of $\hat{2}$ -Amino Acids. <i>Journal of the American Chemical Society</i> , 2010, 132, 464-465.	13.7	81

#	ARTICLE	IF	CITATIONS
55	Rhodium-Catalyzed Asymmetric Arylation of <i>N</i> -Tosyl Ketimines. <i>Journal of the American Chemical Society</i> , 2010, 132, 13168-13169.	13.7	141
56	Asymmetric Polymerization of Achiral Arylacetylenes Giving Helical Polyacetylenes in the Presence of a Rhodium Catalyst with a C <sub>2</sub> -Symmetric Tetrafluorobenzobarrelene Ligand. <i>Organometallics</i> , 2009, 28, 4890-4893.	2.3	68
57	Electronic and steric tuning of chiral diene ligands for rhodium-catalyzed asymmetric arylation of imines. <i>Chemical Communications</i> , 2009, , 4815.	4.1	175
58	The concise synthesis of chiral tfb ligands and their application to the rhodium-catalyzed asymmetric arylation of aldehydes. <i>Chemical Communications</i> , 2009, , 5713.	4.1	151
59	Simple Chiral Diene Ligands Provide High Enantioselectivities in Transition-Metal-Catalyzed Conjugate Addition Reactions. <i>Organic Letters</i> , 2008, 10, 4387-4389.	4.6	135
60	Î <sup>3</sup> -Methylidene-Î <sup>3</sup> -valerolactones as a coupling partner for cycloaddition: Palladium-catalyzed [4+3] cycloaddition with nitrones. <i>Pure and Applied Chemistry</i> , 2008, 80, 1135-1140.	1.9	17
61	Iridium-Catalyzed [3 + 2] Annulation of 1,3-Dienes with ortho-Carbonylated Phenylboronic Acids. A Catalytic Process Involving Regioselective 1,2-Addition. <i>Journal of the American Chemical Society</i> , 2007, 129, 7506-7507.	13.7	45
62	Iron-Catalyzed Arylmagnesiation of Aryl(alkyl)acetylenes in the Presence of an N-Heterocyclic Carbene Ligand. <i>Organic Letters</i> , 2007, 9, 1045-1048.	4.6	108
63	Rhodium-Catalyzed Asymmetric Synthesis of 3,3-Disubstituted 1-Indanones. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3735-3737.	13.8	87
64	Asymmetric 1,4-Addition of Organoboron Reagents to Quinone Monoketals Catalyzed by a Chiral Diene/Rhodium Complex: A New Synthetic Route to Enantioenriched 2-Aryltetralones. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 513-516.	4.3	63
65	Rhodium-Catalyzed Hydroalkynylation of Internal Alkynes with Silylacetylenes: An Alkynylrhodium(I) Intermediate Generated from the Hydroxorhodium(I) Complex [Rh(OH)(binap)] <sub>2</sub> . <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2669-2672.	4.3	73
66	Rhodium-Catalyzed Asymmetric Construction of Quaternary Carbon Stereocenters: A Ligand-Dependent Regiocontrol in the 1,4-Addition to Substituted Maleimides. <i>Journal of the American Chemical Society</i> , 2006, 128, 5628-5629.	13.7	210
67	Rhodium-Catalyzed Additions of Boronic Acids to Alkenes and Carbonyl Compounds. , 2006, , 171-203.		9
68	Highly enantioselective 1,4-addition of arylzinc reagents to 3-arylpropenals catalyzed by a rhodium-b <sub>2</sub> binap complex in the presence of chlorotrimethylsilane. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 607-613.	1.8	36
69	Highly Selective 1,6-Addition of Aryl Boronic Acids to Î <sup>2</sup> ,Î <sup>3</sup> ,Î <sup>3</sup> -Unsaturated Carbonyl Compounds Catalyzed by an Iridium Complex. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5164-5166.	13.8	77
70	Rhodium-catalyzed Synthesis of Indenols by Regioselective Coupling of Alkynes with Ortho-carbonylated Arylboronic Acids. <i>Chemistry Letters</i> , 2005, 34, 1294-1295.	1.3	88
71	C <sub>2</sub> -Symmetric bicyclo[3.3.1]nona-2,6-diene and bicyclo[3.3.2]deca-2,6-diene: new chiral diene ligands based on the 1,5-cyclooctadiene framework. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 1673-1679.	1.8	108
72	Rhodium-Catalyzed Asymmetric 1,6-Addition of Aryl Zinc Reagents to Dienones. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4224-4227.	13.8	103

#	ARTICLE	IF	CITATIONS
73	Highly Chemo- and Enantioselective Arylative Cyclization of Alkyne-Tethered Electron-Deficient Olefins Catalyzed by Rhodium Complexes with Chiral Dienes. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3909-3912.	13.8	126
74	Rhodium(I)-Catalyzed Asymmetric Addition of Organometallic Reagents to Electron-Deficient Olefins. , 2005, , 55-77.		33
75	Catalytic Asymmetric Arylative Cyclization of Alkynals: Phosphine-Free Rhodium/Diene Complexes as Efficient Catalysts. <i>Journal of the American Chemical Society</i> , 2005, 127, 54-55.	13.7	222
76	Enantiomerically Pure Rhodium Complexes Bearing 1,5-Diphenyl-1,5-cyclooctadiene as a Chiral Diene Ligand. Their Use as Catalysts for Asymmetric 1,4-Addition of Phenylzinc Chloride. <i>Organic Letters</i> , 2005, 7, 5889-5892.	4.6	100
77	Rhodium-Catalyzed Addition of Arylzinc Reagents to Aryl Alkynyl Ketones: Synthesis of $\hat{1}^2, \hat{1}^2$ -Disubstituted Indanones. <i>Organic Letters</i> , 2005, 7, 2071-2073.	4.6	72
78	Arylmagnesiation of Alkynes Catalyzed Cooperatively by Iron and Copper Complexes. <i>Journal of the American Chemical Society</i> , 2005, 127, 17164-17165.	13.7	138
79	Preparation of C2-Symmetric Bicyclo[2.2.2]octa-2,5-diene Ligands and Their Use for Rhodium-Catalyzed Asymmetric 1,4-Addition of Arylboronic Acids. <i>Journal of Organic Chemistry</i> , 2005, 70, 2503-2508.	3.2	220
80	Asymmetric Carbon-Carbon Bond-Forming Reactions: Asymmetric Cross-Coupling Reactions. , 2005, , 651-674.		6
81	Asymmetric Synthesis of Diarylmethyl Amines by Rhodium-Catalyzed Asymmetric Addition of Aryl Titanium Reagents to Imines. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 6125-6128.	13.8	117
82	A New Approach to Axially Chiral BipyridineN,N'-Dioxides Bearing Aromatic Substituents and their Use for Catalytic Asymmetric Allylation of Aldehydes with Allyl(trichloro)silane. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 1169-1174.	4.3	67
83	Palladium-Catalyzed Heck and Carbonylation Reactions of a Dinaphthaleneiodonium Salt Forming Functionalized 2-Iodo-1,1'-binaphthyls. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 1728-1732.	4.3	69
84	Deuterium-Labeling Studies Establishing Stereochemistry at the Oxypalladation Step in Wacker-Type Oxidative Cyclization of an o-Allylphenol. <i>Journal of the American Chemical Society</i> , 2004, 126, 3036-3037.	13.7	119
85	C2-Symmetric Bicyclo[2.2.2]octadienes as Chiral Ligands: Their High Performance in Rhodium-Catalyzed Asymmetric Arylation of N-Tosylarylimines. <i>Journal of the American Chemical Society</i> , 2004, 126, 13584-13585.	13.7	407
86	Rhodium-Catalyzed Asymmetric 1,6-Addition of Aryltitanates to Enynones Giving Axially Chiral Allenes. <i>Organic Letters</i> , 2004, 6, 305-307.	4.6	124
87	A New Entry of Nucleophiles in Rhodium-Catalyzed Asymmetric 1,4-Addition Reactions: Addition of Organozinc Reagents for the Synthesis of 2-Aryl-4-piperidones. <i>Journal of the American Chemical Society</i> , 2004, 126, 6240-6241.	13.7	127
88	Solid-Phase Palladium Catalysis for High-Throughput Organic Synthesis. , 2004, , 531-584.		1
89	Rhodium-Catalyzed Asymmetric 1,4-Addition and Its Related Asymmetric Reactions. <i>Chemical Reviews</i> , 2003, 103, 2829-2844.	47.7	1,371
90	High Enantioselectivity in Rhodium-Catalyzed Allylic Alkylation of 1-Substituted 2-Propenyl Acetates. <i>Organic Letters</i> , 2003, 5, 1713-1715.	4.6	149

#	ARTICLE	IF	CITATIONS
91	Induction of Atropisomeric Chirality on Heavily Substituted Phosphametalloenes. <i>Organometallics</i> , 2003, 22, 1783-1786.	2.3	22
92	Synthesis of 1,1'-Diphospha[4]ferrocenophanes by Molybdenum-Catalyzed Ring-Closing Metathesis. <i>Organometallics</i> , 2003, 22, 1174-1176.	2.3	39
93	A Chiral Chelating Diene as a New Type of Chiral Ligand for Transition Metal Catalysts: Its Preparation and Use for the Rhodium-Catalyzed Asymmetric 1,4-Addition. <i>Journal of the American Chemical Society</i> , 2003, 125, 11508-11509.	13.7	449
94	Rhodium-Catalyzed Asymmetric 1,4-Addition of Aryltitanium Reagents Generating Chiral Titanium Enolates: Isolation as Silyl Enol Ethers. <i>Journal of the American Chemical Society</i> , 2002, 124, 12102-12103.	13.7	91
95	Nickel-Catalyzed Asymmetric Grignard Cross-Coupling of Dinaphthothiophene Giving Axially Chiral 1,1'-Binaphthyls. <i>Journal of the American Chemical Society</i> , 2002, 124, 13396-13397.	13.7	135
96	Effects of Bidentate Phosphine Ligands on $\eta^5$ -antiosomerization in $\eta^3$ -Allylpalladium Complexes. <i>Organometallics</i> , 2002, 21, 4853-4861.	2.3	44
97	Synthesis and Characterization of 1,1'-Diphospharuthenocenes. <i>Organometallics</i> , 2002, 21, 3062-3065.	2.3	21
98	Catalytic Cycle of Rhodium-Catalyzed Asymmetric 1,4-Addition of Organoboronic Acids. Arylrhodium, Oxa- $\eta^3$ -allylrhodium, and Hydroxorhodium Intermediates. <i>Journal of the American Chemical Society</i> , 2002, 124, 5052-5058.	13.7	583
99	Preparation of New Ferrocenylmonophosphine Ligands Containing Two Planar Chiral Ferrocenyl Moieties and Their Use for Palladium-Catalyzed Asymmetric Hydrosilylation of 1,3-Dienes. <i>Helvetica Chimica Acta</i> , 2002, 85, 3848-3854.	1.6	37
100	Asymmetric Hydrosilylation of Styrenes Catalyzed by Palladium $\eta^5$ -MOP Complexes: Ligand Modification and Mechanistic Studies. <i>Journal of Organic Chemistry</i> , 2001, 66, 1441-1449.	3.2	106
101	Rhodium-Catalyzed Hydroarylation of Alkynes with Arylboronic Acids: 1,4-Shift of Rhodium from 2-Aryl-1-alkenylrhodium to 2-Alkenylarylrhodium Intermediate. <i>Journal of the American Chemical Society</i> , 2001, 123, 9918-9919.	13.7	318
102	Chloroprene as a Source of Fine Chemicals: $\eta^3$ -Palladium-Catalyzed Synthesis of Terminal Allenes. <i>Organic Letters</i> , 2001, 3, 2615-2617.	4.6	39
103	A Novel Chiral Phosphino-Phosphaferrocene: Its Coordination Behavior and Application to Palladium-Catalyzed Asymmetric Allylic Alkylation. <i>Organometallics</i> , 2001, 20, 3913-3917.	2.3	60
104	Synthesis and Characterization of a Novel Chiral Phosphole and Its Derivatives. <i>Organometallics</i> , 2001, 20, 1014-1019.	2.3	49
105	Palladium-Catalyzed Asymmetric Synthesis of Axially Chiral Allenes: A Synergistic Effect of Dibenzalacetone on High Enantioselectivity. <i>Journal of the American Chemical Society</i> , 2001, 123, 2089-2090.	13.7	133
106	Palladium-Catalyzed Asymmetric Hydrosilylation of 4-Substituted 1-Buten-3-yne. Catalytic Asymmetric Synthesis of Axially Chiral Allenylsilanes. <i>Journal of the American Chemical Society</i> , 2001, 123, 12915-12916.	13.7	167
107	Preparation of Enantiomerically Pure 2-Substituted 2-Diphenylphosphino-1,1'-binaphthyls by Reductive Cleavage of the Carbon-Phosphorus Bond in a Borane Complex of 2-Diphenylphosphino-2-diphenylphosphinyl-1,1'-binaphthyl. <i>Journal of Organic Chemistry</i> , 2001, 66, 8854-8858.	3.2	39
108	Modification of Chiral Monodentate Phosphine Ligands (MOP) for Palladium-Catalyzed Asymmetric Hydrosilylation of Cyclic 1,3-Dienes. <i>Advanced Synthesis and Catalysis</i> , 2001, 343, 279-283.	4.3	75

#	ARTICLE	IF	CITATIONS
109	Rhodium-Catalyzed Asymmetric 1,4-Addition of Organoboron Reagents to 5,6-Dihydro-2(1H)-pyridinones. Asymmetric Synthesis of 4-Aryl-2-piperidinones. <i>Journal of Organic Chemistry</i> , 2001, 66, 6852-6856.	3.2	174
110	Asymmetric 1,4-addition of phenylboronic acid to 2-cyclohexenone catalyzed by Rh(I)/binap complexes. , 2000, 12, 469-471.		46
111	Rhodium-Catalyzed Asymmetric Conjugate Addition of Organoboronic Acids to Nitroalkenes. <i>Journal of the American Chemical Society</i> , 2000, 122, 10716-10717.	13.7	201
112	Chiral Monodentate Phosphine Ligand MOP for Transition-Metal-Catalyzed Asymmetric Reactions. <i>Accounts of Chemical Research</i> , 2000, 33, 354-362.	15.6	491
113	Rhodium-Catalyzed Asymmetric Arylation of Imines with Organostannanes. Asymmetric Synthesis of Diarylmethylamines. <i>Journal of the American Chemical Society</i> , 2000, 122, 976-977.	13.7	229
114	2,2'-Bis(diphenylphosphino)-1,1'-biphenyl: A New Entry of Bidentate Triarylphosphine Ligand to Transition Metal Catalysts. <i>Organometallics</i> , 2000, 19, 1567-1571.	2.3	83
115	Title is missing!. <i>Catalysis Surveys From Asia</i> , 1999, 3, 127-135.	1.2	16
116	Rhodium-Catalyzed Asymmetric 1,4-Addition to 1-Alkenylphosphonates. <i>Journal of the American Chemical Society</i> , 1999, 121, 11591-11592.	13.7	191
117	Palladium-Catalyzed Enantioselective Carbonylative Cyclization of Aryl and Alkenyl Triflates with Carbon Monoxide. <i>Organic Letters</i> , 1999, 1, 1487-1489.	4.6	51
118	Asymmetric aza-Claisen rearrangement of allyl imidates catalyzed by homochiral cationic palladium(II) complexes. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 1065-1072.	1.8	61
119	Rhodium-Catalyzed Asymmetric 1,4-Addition of Aryl- and Alkenylboronic Acids to Enones. <i>Journal of the American Chemical Society</i> , 1998, 120, 5579-5580.	13.7	681
120	Retention of Regiochemistry of Allylic Esters in Palladium-Catalyzed Allylic Alkylation in the Presence of a MOP Ligand. <i>Journal of the American Chemical Society</i> , 1998, 120, 1681-1687.	13.7	150
121	Cationic Palladium/Boxax Complexes for Catalytic Asymmetric Wacker-Type Cyclization. <i>Journal of Organic Chemistry</i> , 1998, 63, 5071-5075.	3.2	92
122	Dichloro[(2-dimethylamino)propyldiphenylphosphine]palladium(II) (PdCl <sub>2</sub> (alaphos)): An Efficient Catalyst for Cross-Coupling of Aryl Triflates with Alkynyl Grignard Reagents. <i>Journal of Organic Chemistry</i> , 1998, 63, 8922-8925.	3.2	49
123	Catalytic Asymmetric Wacker-Type Cyclization. <i>Journal of the American Chemical Society</i> , 1997, 119, 5063-5064.	13.7	229
124	Stereochemistry in Palladium-Catalyzed Cyclization Forming a Vinylidihydrofuran via a $\pi$ -Allylpalladium Intermediate. <i>Journal of Organic Chemistry</i> , 1997, 62, 204-207.	3.2	22
125	Synthesis, circular dichroism, and absolute stereochemistry of 1,1':4',1'-ternaphthalene compounds. <i>Chirality</i> , 1997, 9, 623-625.	2.6	20
126	Gold(I)-catalyzed asymmetric aldol reactions of isocyanoacetic acid derivatives with fluoroaryl aldehydes. <i>Tetrahedron</i> , 1996, 52, 245-254.	1.9	74



#	ARTICLE	IF	CITATIONS
127	Catalytic asymmetric hydrosilylation of ketones with new chiral ferrocenylphosphine-imine ligands. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 2503-2506.	1.8	83
128	Catalytic asymmetric synthesis of axially chiral biaryls by palladium-catalyzed enantioselective cross-coupling. <i>Journal of the American Chemical Society</i> , 1995, 117, 9101-9102.	13.7	189
129	Gold(I)-catalyzed asymmetric aldol reactions of fluorinated benzaldehydes with an $\beta$ -isocyanoacetamide. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 1091-1094.	1.8	80
130	Gold(I)-catalyzed asymmetric aldol reaction of methyl isocyanoacetate with fluorinated benzaldehydes. <i>Tetrahedron Letters</i> , 1994, 35, 2713-2716.	1.4	73
131	Generation of Tertiary Phosphine-Coordinated Pd(0) Species from Pd(OAc) <sub>2</sub> in the Catalytic Heck Reaction. <i>Chemistry Letters</i> , 1992, 21, 2177-2180.	1.3	238
132	Asymmetric functionalization of bicycloalkenes by catalytic enantioselective hydrosilylation. <i>Tetrahedron Letters</i> , 1992, 33, 7185-7188.	1.4	119
133	Palladium(Ti)-Catalyzed Claisen Rearrangement of 1-Phenylethenyl 2-Propenyl Ethers. <i>Synthetic Communications</i> , 1989, 19, 2109-2115.	2.1	18
134	Asymmetric synthesis of axially chiral 1,1'-bi-2,2',4,4'-terphenyls by asymmetric cross-coupling with a chiral ferrocenylphosphine-nickel catalyst. <i>Tetrahedron Letters</i> , 1989, 30, 215-218.	1.4	91
135	Asymmetric synthesis catalyzed by chiral ferrocenylphosphine-transition-metal complexes. 6. Practical asymmetric synthesis of 1,1'-binaphthyls via asymmetric cross-coupling with a chiral [(alkoxyalkyl)ferrocenyl]monophosphine/nickel catalyst. <i>Journal of the American Chemical Society</i> , 1988, 110, 8153-8156.	13.7	308
136	Preparation and reaction of optically active allylsilanes. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 1985, 43, 419-428.	0.1	3
137	Chiral ( $\beta$ -aminoalkyl)phosphines. Highly efficient phosphine ligands for catalytic asymmetric Grignard cross-coupling. <i>Journal of Organic Chemistry</i> , 1983, 48, 2195-2202.	3.2	221
138	Asymmetric Grignard Cross-Coupling Catalyzed by Chiral Phosphine-Nickel and Phosphine-Palladium Complexes. <i>ACS Symposium Series</i> , 1982, , 177-186.	0.5	6
139	Chiral $\beta$ -dimethylaminoalkylphosphines. Highly efficient ligands for a nickel complex catalyzed asymmetric grignard cross-coupling reaction. <i>Tetrahedron Letters</i> , 1980, 21, 79-82.	1.4	81
140	Chiral Pd(0) and Pd(II) Complexes. , 0, , 103-126.		1
141	Palladium-Catalyzed Asymmetric Cross-Coupling. , 0, , 791-806.		9
142	Ligand Design for C-C Bond Formation. , 0, , 59-100.		7