Kazuhiro Yoshida

List of Publications by Year
in descending order

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98	3,838	147786 31	138468 58
papers	citations	h-index	g-index

151	151	151	2517
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Chiral Chelating Diene as a New Type of Chiral Ligand for Transition Metal Catalysts:Â Its Preparation and Use for the Rhodium-Catalyzed Asymmetric 1,4-Addition. Journal of the American Chemical Society, 2003, 125, 11508-11509.	13.7	449
2	An Air-Stable P-Chiral Phosphine Ligand for Highly Enantioselective Transition-Metal-Catalyzed Reactions. Journal of the American Chemical Society, 2005, 127, 11934-11935.	13.7	315
3	Rigid P-Chiral Phosphine Ligands with tert-Butylmethylphosphino Groups for Rhodium-Catalyzed Asymmetric Hydrogenation of Functionalized Alkenes. Journal of the American Chemical Society, 2012, 134, 1754-1769.	13.7	240
4	Enantioselective Hydrogenation of Acyclic AromaticN-Aryl Imines Catalyzed by an Iridium Complex of (S,S)-1,2-Bis(tert-butylmethylphosphino)ethane. Organic Letters, 2006, 8, 2289-2292.	4.6	119
5	Synthesis and Enantioselectivity of Pâ€Chiral Phosphine Ligands with Alkynyl Groups. Angewandte Chemie - International Edition, 2007, 46, 8636-8639.	13.8	112
6	A New Type of Catalytic Tandem 1,4-Additionâ^'Aldol Reaction Which Proceeds through an (Oxa-Ï€-allyl)rhodium Intermediate. Journal of the American Chemical Society, 2002, 124, 10984-10985.	13.7	109
7	Synthesis and application of novel chiral phosphino-oxazoline ligands with 1,1â€²-binaphthyl skeleton. Tetrahedron: Asymmetry, 1998, 9, 1779-1787.	1.8	97
8	Rhodium-Catalyzed Asymmetric 1,4-Addition of Aryltitanium Reagents Generating Chiral Titanium Enolates:Â Isolation as Silyl Enol Ethers. Journal of the American Chemical Society, 2002, 124, 12102-12103.	13.7	91
9	Enantiopure 1,2-Bis(tert-butylmethylphosphino)benzene as a Highly Efficient Ligand in Rhodium-Catalyzed Asymmetric Hydrogenation. Organic Letters, 2010, 12, 4400-4403.	4.6	90
10	A New cine-Substitution of Alkenyl Sulfones with Aryltitanium Reagents Catalyzed by Rhodium:Â Mechanistic Studies and Catalytic Asymmetric Synthesis of Allylarenes. Journal of the American Chemical Society, 2003, 125, 2872-2873.	13.7	87
11	2,2â€˜-Bis(diphenylphosphino)-1,1â€˜-biphenyl:Â New Entry of Bidentate Triarylphosphine Ligand to Transition Metal Catalysts. Organometallics, 2000, 19, 1567-1571.	2.3	83
12	High-Throughput Screening by Using a Blue-Fluorescent Antibody Sensor. Angewandte Chemie - International Edition, 2003, 42, 5984-5987.	13.8	81
13	Synthesis of 2,5-Bis(binaphthyl)phospholes and Phosphametallocene Derivatives and Their Application in Palladium-Catalyzed Asymmetric Hydrosilylation. Organometallics, 2006, 25, 2715-2718.	2.3	74
14	Enantioselective Nitroso Aldol Reaction Catalyzed by QuinoxP*Â·Silver(I) Complex and Tin Methoxide. Journal of the American Chemical Society, 2010, 132, 5328-5329.	13.7	71
15	Generation of Chiral Boron Enolates by Rhodium-Catalyzed Asymmetric 1,4-Addition of 9-Aryl-9-borabicyclo[3.3.1]nonanes (B-Ar-9BBN) to Î±,Î²-Unsaturated Ketones. Journal of Organic Chemistry, 2003, 68, 1901-1905.	3.2	67
16	A New Synthetic Approach to Phenol Derivatives:Â Use of Ring-Closing Olefin Metathesis. Journal of the American Chemical Society, 2005, 127, 10470-10471.	13.7	67
17	t-Bu-QuinoxP* Ligand:â€‰ Applications in Asymmetric Pd-Catalyzed Allylic Substitution and Ru-Catalyzed Hydrogenation. Journal of Organic Chemistry, 2007, 72, 7413-7416.	3.2	63
18	Optically Active Dinuclear Palladium Complexes Containing a Pdâ^'Pd Bond: Preparation and Enantioinduction Ability in Asymmetric Ring-Opening Reactions. Organic Letters, 2009, 11, 2245-2248.	4.6	63

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19	A Novel Chiral Phosphinoâ"Phosphaferrocene:Â Its Coordination Behavior and Application to Palladium-Catalyzed Asymmetric Allylic Alkylation. Organometallics, 2001, 20, 3913-3917.	2.3	60
20	Nâ"H Insertion Reactions of Boc-Amino Acid Amides:â€‰ Solution- and Solid-Phase Synthesis of Pyrazinones and Pyrazines. Organic Letters, 2004, 6, 4627-4629.	4.6	55
21	Nâ"H Insertion Reactions of Primary Ureas:â€‰ The Synthesis of Highly Substituted Imidazolones and Imidazoles from Diazocarbonyls. Journal of Organic Chemistry, 2004, 69, 8829-8835.	3.2	55
22	Synthesis of 3-Hydroxypyridines Using Ruthenium-Catalyzed Ring-Closing Olefin Metathesis. Organic Letters, 2009, 11, 515-518.	4.6	55
23	Synthesis and Characterization of a Novel Chiral Phosphole and Its Derivatives. Organometallics, 2001, 20, 1014-1019.	2.3	49
24	Planarâ€Chiral Ferroceneâ€Based Nâ€Heterocyclic Carbene Ligands. Chemistry - A European Journal, 2018, 24, 18575-18586.	3.3	46
25	Catalytic Enantioselective N-Nitroso Aldol Reaction of Î³,Î´-Unsaturated Î´-Lactones. Organic Letters, 2012, 14, 2434-2437.	4.6	43
26	Construction of Carbocyclic Ring of Indoles Using Ruthenium-Catalyzed Ring-Closing Olefin Metathesis. Organic Letters, 2011, 13, 4762-4765.	4.6	42
27	Chiral bicyclic NHC/Ir complexes for catalytic asymmetric transfer hydrogenation of ketones. Chemical Communications, 2015, 51, 15442-15445.	4.1	41
28	Highly enantioselective hydrosilylation of simple ketones catalyzed by rhodium complexes of P-chiral diphosphine ligands bearing tert-butylmethylphosphino groups. Tetrahedron: Asymmetry, 2006, 17, 560-565.	1.8	40
29	Synthesis of Substituted Benzenes and Phenols by Ringâ€Closing Olefin Metathesis. Chemistry - A European Journal, 2008, 14, 8246-8261.	3.3	36
30	Synthesis of Styrenes Using Ruthenium-Catalyzed Ring-Closing Enyne Metathesis. Organic Letters, 2008, 10, 2777-2780.	4.6	34
31	Rhodium(I)-Catalyzed Asymmetric Addition of Organometallic Reagents to Electron-Deficient Olefins. , 2005, , 55-77.		33
32	Efficient synthetic routes to aromatic compounds using ring-closing olefin metathesis followed by dehydration, oxidation, and tautomerization. Chemical Communications, 2007, , 3774.	4.1	33
33	Air-stable P-Chiral Bidentate Phosphine Ligand with (1-Adamantyl)methylphosphino Group. Chemistry Letters, 2007, 36, 500-501.	1.3	32
34	Synthesis of Substituted Phenols by Using the Ringâ€Closing Metathesis/Isoaromatization Approach. Chemistry - A European Journal, 2008, 14, 9706-9713.	3.3	32
35	Bicyclic Imidazoles for Modular Synthesis of Chiral Imidazolium Salts. Organic Letters, 2010, 12, 1764-1767.	4.6	32
36	Asymmetric Catalysis Special Feature Part I: Mechanistic studies on the catalytic cycle of rhodium-catalyzed asymmetric 1,4-addition of aryltitanate reagents to Â,Â-unsaturated ketones. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5445-5449.	7.1	31

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37	Catalytic Asymmetric Three-Component Mannich-Type Reaction of Alkenyl Trichloroacetates. Organic Letters, 2009, 11, 5310-5313.	4.6	31
38	Effect of Adjacent Chiral Tertiary and Quaternary Centers on the Metal-Catalyzed Allylic Substitution Reaction. Journal of Organic Chemistry, 2002, 67, 3788-3795.	3.2	30
39	Ring-Closing Olefin Metathesis for the Synthesis of Benzene Derivatives. Chemistry - an Asian Journal, 2006, 1, 611-613.	3.3	27
40	An Efficient Route to Benzene and Phenol Derivatives via Ring-Closing Olefin Metathesis. Synlett, 2007, 2007, 1561-1564.	1.8	27
41	Marked Deuterium Isotope Effects on the Enantioselectivity in Rhodiumâ€Catalyzed Asymmetric Hydrogenation of Enamides. Chemistry - an Asian Journal, 2008, 3, 1636-1641.	3.3	26
42	Synthesis of Carbocyclic Aromatic Compounds Using Ruthenium-Catalyzed Ring-Closing Enyne Metathesis. Journal of Organic Chemistry, 2009, 74, 3632-3640.	3.2	25
43	Methanolâ€Assisted Catalysis by Chiral Tin Methoxides: An Alternative Asymmetric Aldol Process. Chemistry - A European Journal, 2009, 15, 11450-11453.	3.3	24
44	Asymmetric Aldol Reaction of Ketones with Alkenyl Trichloroacetates Catalyzed by Dibutyltin Dimethoxide and BINAPâ‹…Silver(I) Complex: Construction of a Chiral Tertiary Carbon Center. Advanced Synthesis and Catalysis, 2009, 351, 1757-1762.	4.3	23
45	Induction of Atropisomeric Chirality on Heavily Substituted Phosphametallocenes. Organometallics, 2003, 22, 1783-1786.	2.3	22
46	Catalytic Enantioselective Synthesis of Chiral Î³-Butyrolactones. Organic Letters, 2011, 13, 1576-1578.	4.6	22
47	Synthesis of 4-Vinylindoles Using Ruthenium-Catalyzed Ring-Closing Enyne Metathesis. Journal of Organic Chemistry, 2013, 78, 3464-3469.	3.2	22
48	Enantioselective Synthesis of Planar-Chiral Ferrocene-Fused 4-Pyridones and Their Application in Construction of Pyridine-Based Organocatalyst Library. Organic Letters, 2015, 17, 2286-2289.	4.6	22
49	Rhodium-catalyzed Asymmetric 1,4- Addition of 3-Thiopheneboronic Acid to a,b-Unsaturated Carbonyl Compounds. Heterocycles, 2003, 59, 605.	0.7	22
50	Synthesis and Characterization of 1,1â€˜-Diphospharuthenocenes. Organometallics, 2002, 21, 3062-3065.	2.3	21
51	Catalytic Asymmetric Cycloaddition Reaction of Alkenyl Trichloroacetates with Nitrones. Synlett, 2012, 2012, 107-112.	1.8	21
52	Planar Chiral Cyclic (Amino)(ferrocenyl)carbene as Ligand for Transition Metals. Advanced Synthesis and Catalysis, 2017, 359, 255-259.	4.3	21
53	Rapid screening for asymmetric catalysts: the efficient connection of two different catalytic asymmetric reactions. Chemical Communications, 2009, , 2923.	4.1	19
54	Synthesis of Biaryl Compounds Using Tandem Rutheniumâ€Catalyzed Ringâ€Closing Metathesis. Chemistry - A European Journal, 2011, 17, 344-349.	3.3	18

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55	Versatile and Enantioselective Preparation of Planar-Chiral Metallocene-Fused 4-Dialkylaminopyridines and Their Application in Asymmetric Organocatalysis. ACS Catalysis, 2020, 10, 292-301.	11.2	18
56	Synthesis of Aromatic Compounds Using Combinations of Ring-Closing Olefin Metathesis, Dehydration, Oxidation, and Tautomerization. Bulletin of the Chemical Society of Japan, 2008, 81, 1512-1517.	3.2	17
57	Catalytic Enantioselective Mannich-Type Reaction via a Chiral Silver Enolate. Organic Letters, 2014, 16, 86-89.	4.6	17
58	Utilization of optically active secondary phosphineâ€“boranes: synthesis of P-chiral diphosphines and their enantioinduction ability in rhodium-catalyzed asymmetric hydrogenation. Tetrahedron, 2015, 71, 6471-6480.	1.9	16
59	Coordination Behavior of a Planar Chiral Cyclic (Amino)(Ferrocenyl)Carbene Ligand in Iridium Complexes. Chemistry - A European Journal, 2017, 23, 16806-16812.	3.3	16
60	Asymmetric addition of diethylzinc to aldehydes catalyzed by new zinc-amides prepared by a rhodium-catalyzed asymmetric addition. Tetrahedron: Asymmetry, 2011, 22, 1225-1230.	1.8	15
61	Enantioselective Protonation of Alkenyl Trifluoroacetates Catalyzed by Chiral Tin Methoxide. Chemistry - A European Journal, 2013, 19, 16200-16203.	3.3	14
62	Development of Asymmetric Reactions Catalyzed by Chiral Organotinâ€Alkoxide Reagents. Chemical Record, 2013, 13, 117-127.	5.8	14
63	Synthesis and Application of Planar Chiral Cyclic (Amino)(ferrocenyl)carbene Ligands Bearing FeCp* Group. Organometallics, 2019, 38, 2211-2217.	2.3	13
64	Enantioselective Nitroso Aldol Reaction Catalyzed by a Chiral Phosphineâ€“Silver Complex. European Journal of Organic Chemistry, 2016, 2016, 5355-5359.	2.4	12
65	Synthesis of oâ€Allyloxy(ethynyl)benzene Derivatives by Cuâ€Catalyzed Suzukiâ€“Miyauraâ€Type Reaction and Their Transformations into Heterocyclic Compounds. European Journal of Organic Chemistry, 2017, 2017, 2359-2368.	2.4	12
66	A planar chiral six-membered cyclic (amino)(ferrocenyl)carbene and its sulfur adduct. Tetrahedron: Asymmetry, 2017, 28, 824-829.	1.8	12
67	Asymmetric Aldol Reaction Catalyzed by a Chiral Phosphineâ€“Silver Complex. European Journal of Organic Chemistry, 2014, 2014, 4248-4253.	2.4	11
68	Chiral Bicyclic NHC/Cu Complexes for Catalytic Asymmetric Borylation of Î±,Î²-Unsaturated Esters. Journal of Organic Chemistry, 2019, 84, 14291-14296.	3.2	11
69	Recent Advances in Selective Reactions Promoted by Barium Reagents. Synlett, 2011, 2011, 2929-2938.	1.8	10
70	Î±-Selective Allylation of Azo Compounds Using Allylic Barium Reagents. Synlett, 2013, 24, 635-639.	1.8	10
71	Synthesis of Substituted Styrenes and 3-Vinylphenols Using Ruthenium-Catalyzed Ring-Closing Enyne Metathesis. Journal of Organic Chemistry, 2014, 79, 4231-4239.	3.2	10
72	Catalytic Enantioselective Synthesis of Chiral 3-Amino-2-oxindoles by a Mannich Approach. Synlett, 2015, 26, 2541-2546.	1.8	10

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73	Synthesis of [1]benzothiopheno[2,3-b][1]benzothiophene derivatives through iodine-mediated sulfuration reaction of 1,1-diarylethylenes. Tetrahedron Letters, 2020, 61, 151476.	1.4	10
74	Rhodium-Catalyzed Additions of Boronic Acids to Alkenes and Carbonyl Compounds. , 2006, , 171-203.		9
75	Selective Propargylation of Azo Compounds with Barium Reagents. Synlett, 2010, 2010, 1515-1518.	1.8	9
76	Ring Sizeâ€Selective Ringâ€Closing Olefin Metathesis: Taking Advantage of the Deleterious Effect of Ethylene Gas. Advanced Synthesis and Catalysis, 2011, 353, 1229-1233.	4.3	9
77	Catalytic Enantioselective Synthesis of Chiral Isatin Derivatives by an Aldol Approach. Synlett, 2012, 23, 1783-1788.	1.8	9
78	Asymmetric Î±-amination reaction of alkenyl trifluoroacetates catalyzed by a chiral phosphineâ€“silver complex. Organic and Biomolecular Chemistry, 2014, 12, 1935.	2.8	9
79	Dibutyltin Dimethoxideâ€Catalyzed Cyano Transfer to Aldehydes and Imines. Advanced Synthesis and Catalysis, 2010, 352, 2918-2922.	4.3	8
80	Enantioselective Desymmetrization of 1,3â€Disubstituted Adamantane Derivatives via Rhodiumâ€Catalyzed Câ^'H Bond Amination: Access to Optically Active Amino Acids Containing Adamantane Core. Advanced Synthesis and Catalysis, 2021, 363, 1662-1671.	4.3	8
81	Dibutyltin Dibromide-catalyzed Trimethylsilylcyanation of Aldehydes and Imines. Chemistry Letters, 2009, 38, 336-337.	1.3	7
82	Enantio- and Diastereoselective Cross-annulation of Enal and Ketone with New Chiral Bicyclic N-Heterocyclic Carbene Catalysts. Chemistry Letters, 2016, 45, 294-296.	1.3	6
83	Enantioselective Synthesis of Ferroceneâ€or Cymantreneâ€Fused Planarâ€Chiral Phospholes. European Journal of Inorganic Chemistry, 2017, 2017, 325-329.	2.0	6
84	Development of Planar Chiral Five-Membered Cyclic (Amino)(ferrocenylene)carbene Ligand and Its Iridium Dicarbonyl Complex. Bulletin of the Chemical Society of Japan, 2020, 93, 200-204.	3.2	6
85	Reactive Barium-Promoted Benzylation of Diaryl Azo Compounds. Synlett, 2015, 26, 1073-1076.	1.8	4
86	Synthesis of Substituted Aromatic Compounds Using Ruthenium-Catalyzed Ring-Closing Metathesis. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2009, 67, 876-888.	0.1	3
87	Oxidative Cyclization of o-(1-Hydroxy-2-alkynyl)-N-tosylanilides for the Synthesis of 4-Quinolones. Journal of Organic Chemistry, 2020, 85, 6420-6428.	3.2	2
88	N-Heterocyclic Carbene Ligands Having Planar Chiral Ferrocene Structure. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2020, 78, 28-40.	0.1	1
89	Chiral Bicyclic NHC/Rh Complexes and Their Application to Catalytic Asymmetric Ring-Opening Reaction of Oxabenzonorbornadienes with Amines. Journal of Organic Chemistry, 2022, , .	3.2	1
90	A New Type of Catalytic Tandem 1,4-Additionâ€"Aldol Reaction which Proceeds Through an (Oxa-Ï€-allyl)rhodium Intermediate.. ChemInform, 2003, 34, no.	0.0	0

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91	Generation of Chiral Boron Enolates by Rhodium-Catalyzed Asymmetric 1,4-Addition of 9-Aryl-9-borabicyclo[3.3.1]nonanes (B-Ar-9BBN) to Î±,Î²-Unsaturated Ketones.. ChemInform, 2003, 34, no.	0.0	0
92	A New cine-Substitution of Alkenyl Sulfones with Aryltitanium Reagents Catalyzed by Rhodium: Mechanistic Studies and Catalytic Asymmetric Synthesis of Allylarenes.. ChemInform, 2003, 34, no.	0.0	0
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.. ChemInform, 2004, 35, no.	0.0	0
94	N?H Insertion Reactions of Boc-Amino Acid Amides: Solution- and Solid-Phase Synthesis of Pyrazinones and Pyrazines.. ChemInform, 2005, 36, no.	0.0	0
95	N?H Insertion Reactions of Primary Ureas: The Synthesis of Highly Substituted Imidazolones and Imidazoles from Diazocarbonyls.. ChemInform, 2005, 36, no.	0.0	0
96	A New Synthetic Approach to Phenol Derivatives: Use of Ring-Closing Olefin Metathesis.. ChemInform, 2005, 36, no.	0.0	0
97	An Air-Stable P-Chiral Phosphine Ligand for Highly Enantioselective Transition-Metal-Catalyzed Reactions.. ChemInform, 2006, 37, no.	0.0	0
98	Frontispiece: Planarâ€Chiral Ferroceneâ€Based Nâ€Heterocyclic Carbene Ligands. Chemistry - A European Journal, 2018, 24, .	3.3	0