

Takahiro Nishimura

List of Publications by Year in descending order

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132
papers

7,922
citations

28190

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54797

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205
all docs

205
docs citations

205
times ranked

4366
citing authors

#	ARTICLE	IF	CITATIONS
1	Palladium(II)-Catalyzed Oxidation of Alcohols to Aldehydes and Ketones by Molecular Oxygen. <i>Journal of Organic Chemistry</i> , 1999, 64, 6750-6755.	1.7	453
2	Palladium-Catalyzed Asymmetric Arylation, Vinylation, and Allenylation of tert-Cyclobutanols via Enantioselective C-C Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2003, 125, 8862-8869.	6.6	209
3	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.	6.6	209
4	Palladium(II)-Catalyzed Oxidative Ring Cleavage of tert-Cyclobutanols under Oxygen Atmosphere. <i>Journal of the American Chemical Society</i> , 1999, 121, 2645-2646.	6.6	202
5	Oxovanadium Complex-Catalyzed Aerobic Oxidation of Propargylic Alcohols. <i>Journal of Organic Chemistry</i> , 2002, 67, 6718-6724.	1.7	180
6	Sodium Tetraarylborates as Effective Nucleophiles in Rhodium/Diene-Catalyzed 1,4-Addition to β,β -Disubstituted α,β -Unsaturated Ketones: Catalytic Asymmetric Construction of Quaternary Carbon Stereocenters. <i>Journal of the American Chemical Society</i> , 2009, 131, 13588-13589.	6.6	166
7	Palladium-Catalyzed Arylation of tert-Cyclobutanols with Aryl Bromide via C-C Bond Cleavage: A New Approach for the β -Arylated Ketones. <i>Journal of the American Chemical Society</i> , 1999, 121, 11010-11011.	6.6	159
8	The concise synthesis of chiral <i>tfb</i> ligands and their application to the rhodium-catalyzed asymmetric arylation of aldehydes. <i>Chemical Communications</i> , 2009, , 5713.	2.2	151
9	Palladium-Catalyzed Asymmetric Arylation, Vinylation, and Allenylation of tert-Cyclobutanols via Enantioselective C-C Bond Cleavage. <i>ChemInform</i> , 2003, 34, no.	0.1	141
10	Rhodium-Catalyzed Asymmetric Rearrangement of Alkynyl Alkenyl Carbinols: A Synthetic Equivalent to Asymmetric Conjugate Alkynylation of Enones. <i>Journal of the American Chemical Society</i> , 2007, 129, 14158-14159.	6.6	140
11	Steric Tuning of Silylacetylenes and Chiral Phosphine Ligands for Rhodium-Catalyzed Asymmetric Conjugate Alkynylation of Enones. <i>Journal of the American Chemical Society</i> , 2008, 130, 1576-1577.	6.6	137
12	Vanadium-Catalyzed Sulfenylation of Indoles and 2-Naphthols with Thiols under Molecular Oxygen. <i>Journal of Organic Chemistry</i> , 2004, 69, 7688-7693.	1.7	136
13	Palladium-Catalyzed Oxidative Alkynylation of Alkenes via C-C Bond Cleavage under Oxygen Atmosphere. <i>Organic Letters</i> , 2003, 5, 2997-2999.	2.4	134
14	Iridium/Chiral Diene-Catalyzed Asymmetric 1,6-Addition of Arylboroxines to $\alpha,\beta,\beta,\gamma$ -Unsaturated Carbonyl Compounds. <i>Journal of the American Chemical Society</i> , 2010, 132, 7872-7873.	6.6	128
15	Iridium-Catalyzed Ring Cleavage Reaction of Cyclobutanone <i>O</i> -Benzoyloximes Providing Nitriles. <i>Organic Letters</i> , 2005, 7, 2425-2427.	2.4	126
16	Rhodium-Catalyzed Enantioselective 1,6-Addition of Arylboronic Acids to Enynamides: Asymmetric Synthesis of Axially Chiral Allenylsilanes. <i>Journal of the American Chemical Society</i> , 2010, 132, 12865-12867.	6.6	122
17	Palladium(ii)-supported hydroxalcite as a catalyst for selective oxidation of alcohols using molecular oxygen. <i>Chemical Communications</i> , 2000, , 1245-1246.	2.2	121
18	Copper-Catalyzed Oxidation of Amines with Molecular Oxygen. <i>Bulletin of the Chemical Society of Japan</i> , 2003, 76, 2399-2403.	2.0	118

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19	Iridium-Catalyzed [3 + 2] Annulation of Cyclic <i>N</i> -Sulfonyl Ketimines with 1,3-Dienes via C-H Activation. <i>Journal of the American Chemical Society</i> , 2013, 135, 2092-2095.	6.6	117
20	Iridium-Catalyzed Branch-Selective Hydroarylation of Vinyl Ethers via C-H Bond Activation. <i>Journal of the American Chemical Society</i> , 2015, 137, 5899-5902.	6.6	116
21	Hydroxorhodium/Chiral Diene Complexes as Effective Catalysts for the Asymmetric Arylation of β -hydroxyisoindolinones. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1777-1780.	7.2	115
22	Iridium-Catalyzed Regio- and Enantioselective Hydroarylation of Alkenyl Ethers by Olefin Isomerization. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5607-5611.	7.2	113
23	Rhodium-Catalyzed Asymmetric Hydroarylation of Diphenylphosphinylallenes with Arylboronic Acids. <i>Journal of the American Chemical Society</i> , 2006, 128, 2556-2557.	6.6	112
24	Enantioselective [3 + 2] annulation via C-H activation between cyclic <i>N</i> -acyl ketimines and 1,3-dienes catalyzed by iridium/chiral diene complexes. <i>Chemical Science</i> , 2013, 4, 4499.	3.7	112
25	Asymmetric Alkylation of <i>N</i> -Sulfonylbenzamides with Vinyl Ethers via C-H Bond Activation Catalyzed by Hydroxoiridium/Chiral Diene Complexes. <i>Journal of the American Chemical Society</i> , 2016, 138, 4010-4013.	6.6	110
26	Palladium(II)-catalyzed oxidation of terminal alkenes to methyl ketones using molecular oxygen. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 1915-1918.	1.3	101
27	Cobalt-Catalyzed Asymmetric 1,6-Addition of (Triisopropylsilyl)-acetylene to $\alpha,\beta,\gamma,\delta$ -Unsaturated Carbonyl Compounds. <i>Journal of the American Chemical Society</i> , 2012, 134, 18936-18939.	6.6	96
28	Chiral Tetrafluorobenzobarrelenes as Effective Ligands for Rhodium-Catalyzed Asymmetric 1,4-Addition of Arylboroxines to α,β -Disubstituted α,β -Unsaturated Ketones. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3969-3971.	7.2	95
29	Asymmetric Transformations under Iridium/Chiral Diene Catalysis. <i>ACS Catalysis</i> , 2017, 7, 833-847.	5.5	94
30	Asymmetric Cyclopropanation of Alkenes with Dimethyl Diazomalonate Catalyzed by Chiral Diene-Rhodium Complexes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7324-7327.	7.2	93
31	Palladium-Catalyzed Transformation of Cyclobutanone <i>O</i> -Benzoyloximes to Nitriles via C-C Bond Cleavage. <i>Journal of Organic Chemistry</i> , 2004, 69, 5342-5347.	1.7	92
32	Asymmetric Addition of Dimethylzinc to <i>N</i> -Tosylarylimines Catalyzed by a Rhodium-Diene Complex toward the Synthesis of Chiral 1-Arylethylamines. <i>Organic Letters</i> , 2006, 8, 979-981.	2.4	92
33	Asymmetric Synthesis of α -Alkynyl Aldehydes by Rhodium-Catalyzed Conjugate Alkynylation. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8057-8059.	7.2	92
34	Palladium(II)-catalysed oxidation of alcohols under an oxygen atmosphere in a fluorous biphasic system (FBS). <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 4301-4305.	1.3	88
35	Chiral Tetrafluorobenzobarrelele Ligands for the Rhodium-Catalyzed Asymmetric Cycloisomerization of Oxygen- and Nitrogen-Bridged 1,6-Enynes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1638-1641.	7.2	86
36	Palladium-catalysed asymmetric arylation of tert-cyclobutanols via enantioselective C-C bond cleavage. <i>Chemical Communications</i> , 2002, , 50-51.	2.2	85

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37	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.	3.7	83
38	Rhodium-Catalyzed Asymmetric Addition of Arylboronic Acids to $\hat{1}^2$ -Phthaliminoacrylate Esters toward the Synthesis of $\hat{1}^2$ -Amino Acids. <i>Journal of the American Chemical Society</i> , 2010, 132, 464-465.	6.6	81
39	Rhodium-Catalyzed Asymmetric Ring-Opening Alkynylation of Azabenzonorbornadienes. <i>Organic Letters</i> , 2008, 10, 4057-4060.	2.4	80
40	Effect of Chiral Diene Ligands in Rhodium-Catalyzed Asymmetric Addition of Arylboronic Acids to $\hat{1}^{\pm}, \hat{1}^2$ -Unsaturated Sulfonyl Compounds. <i>Journal of the American Chemical Society</i> , 2012, 134, 9086-9089.	6.6	80
41	Rhodium-Catalyzed Rearrangement of Aryl Bis(alkynyl) Carbinols to $\hat{3}$ -Alkynyl- $\hat{1}$ -indanones. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1447-1449.	7.2	78
42	Highly Selective 1,6-Addition of Aryl Boronic Acids to $\hat{1}^{\pm}, \hat{1}^2, \hat{1}^3, \hat{1}^4$ -Unsaturated Carbonyl Compounds Catalyzed by an Iridium Complex. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5164-5166.	7.2	77
43	Rhodium-catalyzed asymmetric hydroalkoxylation and hydrosulfenylation of diphenylphosphinylallenes. <i>Chemical Communications</i> , 2009, , 3528.	2.2	75
44	Cobalt-catalyzed asymmetric addition of silylacetylenes to oxa- and azabenzonorbornadienes. <i>Chemical Communications</i> , 2012, 48, 6106.	2.2	74
45	Rhodium-Catalyzed Hydroalkynylation of Internal Alkynes with Silylacetylenes: An Alkynylrhodium(I) Intermediate Generated from the Hydroxorhodium(I) Complex $[\text{Rh}(\text{OH})(\text{binap})]^{+2}$. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2669-2672.	2.1	73
46	Asymmetric Polymerization of Achiral Arylacetylenes Giving Helical Polyacetylenes in the Presence of a Rhodium Catalyst with a C_2 -Symmetric Tetrafluorobenzobarreleene Ligand. <i>Organometallics</i> , 2009, 28, 4890-4893.	1.1	68
47	Chiral Diene-Phosphine Tridentate Ligands for Rhodium-Catalyzed Asymmetric Cycloisomerization of 1,6-Enynes. <i>Organic Letters</i> , 2011, 13, 3674-3677.	2.4	67
48	Asymmetric synthesis of gem-diaryl substituted cyclic sulfamidates and sulfamides by rhodium-catalyzed arylation of cyclic ketimines. <i>Chemical Communications</i> , 2013, 49, 5504.	2.2	67
49	Ruthenium/Halide Catalytic System for $C\equiv C$ Bond Forming Reaction between Alkynes and Unsaturated Carbonyl Compounds. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2563-2571.	2.1	64
50	Mechanistic Insights into Bicyclic Guanidine-Catalyzed Reactions from Microscopic and Macroscopic Perspectives. <i>Journal of Organic Chemistry</i> , 2015, 80, 5745-5752.	1.7	63
51	Rhodium-Catalyzed Asymmetric Conjugate Alkynylation of Enones with Alkynylsilanols. <i>Organic Letters</i> , 2009, 11, 3222-3225.	2.4	62
52	Rhodium-Catalyzed Aryl Transfer from Trisubstituted Aryl Methanols to $\hat{1}^{\pm}, \hat{1}^2$ -Unsaturated Carbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4937-4939.	7.2	60
53	Catalytic [3 + 2] annulation of ketimines with alkynes via $C\equiv H$ activation by a cationic iridium(cod) complex. <i>Chemical Communications</i> , 2014, 50, 6274.	2.2	60
54	Rhodium-Catalyzed Asymmetric Cyclodimerization of Oxa- and Azabicyclic Alkenes. <i>Journal of the American Chemical Society</i> , 2007, 129, 1492-1493.	6.6	57

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55	Rhodium-catalyzed Asymmetric Addition of Terminal Alkynes to Diarylphosphinylallenes. <i>Chemistry - an Asian Journal</i> , 2008, 3, 1505-1510.	1.7	57
56	Cobalt-catalyzed conjugate addition of silylacetylenes to α,β -unsaturated ketones. <i>Chemical Communications</i> , 2011, 47, 10142.	2.2	57
57	Electronic tuning of chiral diene ligands in iridium-catalyzed asymmetric 1,6-addition of arylboroxines to α,β,γ -unsaturated ketones. <i>Chemical Communications</i> , 2012, 48, 973-975.	2.2	55
58	Chiral Tetrafluorobenzobarrelenes as Highly Efficient Ligands for the Rhodium-catalyzed Asymmetric 1,4-Addition of Arylboronic Acids. <i>Chemistry Letters</i> , 2008, 37, 860-861.	0.7	54
59	Iridium-catalyzed asymmetric [3+2] annulation of aromatic ketimines with alkynes via C-H activation: unexpected inversion of the enantioselectivity induced by protic acids. <i>Chemical Communications</i> , 2016, 52, 5876-5879.	2.2	51
60	Iridium-Catalyzed Direct Hydroarylation of Glycols via C-H Activation: Ligand-Controlled Stereoselective Synthesis of α - and β -Glycosyl Arenes. <i>ACS Catalysis</i> , 2019, 9, 1347-1352.	5.5	49
61	Selective H/D Exchange at Vinyl and Methylidene Groups with D_2O Catalyzed by an Iridium Complex. <i>Organic Letters</i> , 2016, 18, 3674-3677.	2.4	48
62	Asymmetric hydroarylation of vinyl ethers catalyzed by a hydroxoiridium complex: azoles as effective directing groups. <i>Chemical Communications</i> , 2017, 53, 2760-2763.	2.2	47
63	Hydroxoiridium-catalyzed Hydroalkylation of Terminal Alkenes with Ureas by $C(sp^3)H$ Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7200-7204.	7.2	46
64	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.	6.6	45
65	Rhodium-catalyzed Asymmetric Cycloisomerization of 1,6-diamines. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1374-1382.	2.1	45
66	Rhodium-catalyzed asymmetric conjugate alkynylation of nitroalkenes. <i>Chemical Communications</i> , 2010, 46, 6837.	2.2	44
67	Hydroxoiridium/Chiral Diene Complexes as Effective Catalysts for Asymmetric Annulation of α,β -iminocarboxamides with 1,3-dienes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10949-10952.	7.2	42
68	C2-Symmetric tetrafluorobenzobarrelenes as highly efficient ligands for the iridium-catalyzed asymmetric annulation of 1,3-dienes with 2-formylphenylboron reagents. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 1778-1783.	1.8	41
69	Stereoselective hydroacylation of bicyclic alkenes with 2-hydroxybenzaldehydes catalyzed by hydroxoiridium/diene complexes. <i>Chemical Communications</i> , 2015, 51, 13791-13794.	2.2	41
70	Iridium-Catalyzed Annulation of Salicylimines with 1,3-Dienes. <i>Journal of the American Chemical Society</i> , 2014, 136, 9284-9287.	6.6	40
71	Hydroxoiridium-Catalyzed Hydroarylation of Alkynes and Bicycloalkenes with N -Sulfonylbenzamides. <i>Organic Letters</i> , 2017, 19, 5952-5955.	2.4	40
72	Rhodium-catalyzed asymmetric addition of arylboronic acids to cyclic N -sulfonyl ketimines towards the synthesis of α -diaryl-amino acid derivatives. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4918-4924.	1.5	38

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73	Ruthenium/chloride catalytic system for conjugate addition of terminal alkynes to acrylate esters. <i>Chemical Communications</i> , 2004, , 1312.	2.2	37
74	Iridium/Chiral Diene-Catalyzed Enantioselective (3+2) Annulation of Aromatic Ketimines with 1,3-Enynes via C-H Activation. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 791-795.	2.1	37
75	Cobalt-Catalyzed Asymmetric Addition of Silylacetylenes to 1,1-Disubstituted Allenes. <i>Journal of Organic Chemistry</i> , 2013, 78, 8986-8993.	1.7	36
76	Iridium-Catalyzed Regio- and Enantioselective Hydroarylation of Alkenyl Ethers by Olefin Isomerization. <i>Angewandte Chemie</i> , 2017, 129, 5699-5703.	1.6	35
77	Hydroxoiridium-Catalyzed Hydroalkylation of Terminal Alkenes with Ureas by C(sp ³)-H Bond Activation. <i>Angewandte Chemie</i> , 2017, 129, 7306-7310.	1.6	32
78	Rhodium-catalyzed asymmetric addition of arylboroxines to β -alkoxyacrylate esters. <i>Chemical Communications</i> , 2011, 47, 10488.	2.2	30
79	Iridium-Catalyzed Annulation of Aromatic Imines with 1,3-Dienes via Direct Functionalization of an Aromatic C-H Bond. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1425-1436.	2.1	30
80	Rhodium-catalyzed enantioselective alkynylative cyclization of allenyl aldehydes with terminal alkynes. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1730-1736.	1.8	29
81	Rhodium/Chiral Diene-Catalyzed Asymmetric Cyclopolymerization of Achiral 1,8-Diynes. <i>Organometallics</i> , 2011, 30, 2342-2348.	1.1	25
82	Iridium-catalyzed sp ³ -C-H Alkylation of 3-Carbonyl-2-(alkylamino)pyridines with Alkenes. <i>Chemistry Letters</i> , 2017, 46, 1176-1178.	0.7	25
83	Iridium-Catalyzed Asymmetric Hydroarylation of Chromene Derivatives with Aromatic Ketones: Enantioselective Synthesis of β -Arylchromanes. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2124-2128.	2.1	25
84	Rhodium-catalyzed aryl- and alkylation-oligomerization of alkynoates with organoboron reagents giving salicylates. <i>Chemical Communications</i> , 2010, 46, 2130.	2.2	22
85	Formation of Carbocycles via a 1,4-Rh Shift Triggered by a Rhodium-Catalyzed Addition of Terminal Alkynes to 3,3-Diarylcyclopropenes. <i>Organic Letters</i> , 2015, 17, 2630-2633.	2.4	22
86	Iridium-Catalyzed Hydroarylation of Conjugated Dienes via π -Allyliridium Intermediates. <i>Organic Letters</i> , 2018, 20, 828-831.	2.4	22
87	Iridium-catalyzed asymmetric cyclization of alkenoic acids leading to β -lactones. <i>Chemical Communications</i> , 2015, 51, 13466-13469.	2.2	21
88	Iridium-Catalyzed Sequential sp ³ -C-H Alkylation of an N-Methyl Group with Alkenes Towards the Synthesis of β -Substituted Amines. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4827-4831.	2.1	21
89	Iridium-Catalyzed Hydroarylation via C-H Bond Activation. <i>Chemical Record</i> , 2021, 21, 3532-3545.	2.9	21
90	Asymmetric Cyclization of N-Sulfonyl Alkenyl Amides Catalyzed by Iridium/Chiral Diene Complexes. <i>Organic Letters</i> , 2016, 18, 4474-4477.	2.4	20

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91	Enantioselective 1,4-addition of cyclopropylboronic acid catalyzed by rhodium/chiral diene complexes. <i>Chemical Communications</i> , 2015, 51, 8528-8531.	2.2	17
92	Regularized regression analysis of digitized molecular structures in organic reactions for quantification of steric effects. <i>Journal of Computational Chemistry</i> , 2017, 38, 1825-1833.	1.5	17
93	Title is missing!. <i>Catalysis Surveys From Asia</i> , 2001, 4, 135-147.	1.2	14
94	Novel Palladium Catalytic Systems for Organic Transformations. <i>Synlett</i> , 2004, 2004, 0201-0216.	1.0	14
95	Vanadium-catalyzed Isomerization of Cyclopropanemethanols to Homoallylic Alcohols Involving C=C Bond Cleavage. <i>Chemistry Letters</i> , 2005, 34, 380-381.	0.7	14
96	Rhodium-Catalyzed Enantioselective Addition of Tricyclopropylboroxin to N-Sulfonylimines. <i>Synthesis</i> , 2016, 48, 2612-2618.	1.2	13
97	Hydroxoiridium-catalyzed sp^3 C-H Alkylation of Indoline Derivatives with Terminal Alkenes. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1347-1350.	1.3	13
98	Iridium-catalyzed enantioselective addition of an <i>N</i> -methyl C-H bond to β -trifluoromethylstyrenes via C-H activation. <i>Chemical Communications</i> , 2021, 57, 11787-11790.	2.2	13
99	Metal Cation-Exchanged Montmorillonite-Catalyzed Addition of Organic Disulfides to Alkenes. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 1138-1141.	2.0	12
100	Rhodium/chiral diene-catalyzed asymmetric methylation of N-sulfonylarylimines with trimethylboroxine. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 655-658.	1.8	12
101	Rhodium-catalyzed asymmetric addition of arylboronic acids to 2H-chromenes leading to 3-arylchromane derivatives. <i>Chemical Communications</i> , 2019, 55, 11876-11879.	2.2	12
102	Rhodium-catalyzed oxidative alkynylation of acrylate esters with propargylic alcohols. <i>Tetrahedron Letters</i> , 2011, 52, 2185-2187.	0.7	10
103	Iridium-catalyzed Cleavage of C=O Bonds Using Alcohols as Reducing Reagents. <i>Chemistry Letters</i> , 2017, 46, 953-955.	0.7	10
104	Enantioselective synthesis of 3-substituted dihydrobenzofurans through iridium-catalyzed intramolecular hydroarylation. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 684-690.	1.5	10
105	Molybdenum- and Rhenium-catalyzed Isomerization of Cyclopropanemethanols to Tetrahydrofurans. <i>Chemistry Letters</i> , 2005, 34, 790-791.	0.7	9
106	Rhodium-catalyzed Alkynylation of Alkynes, Allenes, and Conjugate Enones. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2008, 66, 1160-1167.	0.0	9
107	Enantioselective C-H Alkylation of N-Arylbenzamides with Vinyl Ethers Catalyzed by an Iridium/Chiral Phosphoramidite-Olefin Complex. <i>Synthesis</i> , 2022, 54, 4753-4763.	1.2	6
108	Acid-catalyzed chirality-transferring intramolecular Friedel-Crafts cyclization of β -hydroxy- β -alkenylsilanes. <i>Chemical Communications</i> , 2019, 55, 8635-8638.	2.2	5

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109	Iridium-Catalyzed Intramolecular Oxidative Cyclization of Alkenyl Amides and Alkenoic Acids. <i>Synthesis</i> , 2017, 49, 4272-4282.	1.2	4
110	Iridium-catalyzed Annulation of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Amides with Electron-deficient Conjugated Dienes. <i>Chemistry Letters</i> , 2020, 49, 732-735.	0.7	4
111	Iridium-catalyzed stereoselective [3+2] annulation of $\hat{1}\pm$ -oxocarboxylic acids with 1,3-dienes. <i>Chemical Communications</i> , 2021, 57, 5917-5920.	2.2	4
112	Ir-Catalyzed cyclization of $\hat{1}\pm, \hat{1}^2$ -dienes with an <i>N</i> -methyl group <i>via</i> two C-H activation steps. <i>Chemical Communications</i> , 2022, 58, 5371-5374.	2.2	4
113	Synthesis of Allene-Containing Apocarotenoids by Cross-Coupling Strategy. <i>Synthesis</i> , 2020, 52, 3007-3017.	1.2	3
114	Iridium-Catalyzed Direct C-H Allylation of Ketimines. <i>Synthesis</i> , 2021, 53, 3051-3056.	1.2	3
115	Iridium-Catalyzed Asymmetric Reactions Realizing High Atom Efficiency. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2017, 75, 421-431.	0.0	3
116	Enantioselective Synthesis of Chiral Indane Derivatives by Rhodium-Catalyzed Addition of Arylboron Reagents to Substituted Indenes. <i>Organic Letters</i> , 2020, 22, 9597-9602.	2.4	2
117	Concise Synthesis of $\hat{1}^2, \hat{1}^2$ -Diaryl Esters and Ketones from Ethynylcarbonyl Compounds by Rhodium-catalyzed Double Arylation with Arylboroxins. <i>Chemistry Letters</i> , 2011, 40, 1285-1287.	0.7	1
118	Stereoselective Synthesis of Polysubstituted Tetrahydropyranones via Acid-Promoted Cyclization of $\hat{1}^2$ -Silyl- $\hat{1}^3$ -ethylidene- $\hat{1}^3$ -butyrolactones with Aldehydes and Ketones. <i>Journal of Organic Chemistry</i> , 2021, 86, 11884-11894.	1.7	1
119	Oxovanadium Complex Catalyzed Aerobic Oxidation of Propargylic Alcohols.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
120	Palladium-Catalyzed Oxidative Alkynylation of Alkenes via C-C Bond Cleavage under Oxygen Atmosphere.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
121	Copper-Catalyzed Oxidation of Amines with Molecular Oxygen.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
122	Novel Palladium Catalytic Systems for Organic Transformations. <i>ChemInform</i> , 2004, 35, no.	0.1	0
123	Ruthenium/Chloride Catalytic System for Conjugate Addition of Terminal Alkynes to Acrylate Esters.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
124	Palladium-Catalyzed Transformation of Cyclobutanone O-Benzoyloximes to Nitriles via C-C Bond Cleavage.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
125	Metal Cation-Exchanged Montmorillonite (Mn ⁺ -Mont)-Catalyzed Friedel-Crafts Acylation of 1-Methyl-1-cyclohexene and 1-Trimethylsilyl-1-alkynes.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
126	Calcium Phosphate-Vanadate Apatite (CPVAP)-Catalyzed Aerobic Oxidation of Propargylic Alcohols with Molecular Oxygen.. <i>ChemInform</i> , 2005, 36, no.	0.1	0

#	ARTICLE	IF	CITATIONS
127	?-Cyclodextrin-Bicapped C60-Mediated Asymmetric Reduction of Ketones with NaBH ₄ .. ChemInform, 2005, 36, no.	0.1	0
128	Vanadium-Catalyzed Sulfenylation of Indoles and 2-Naphthols with Thiols under Molecular Oxygen.. ChemInform, 2005, 36, no.	0.1	0
129	Vanadium-Catalyzed Isomerization of Cyclopropanemethanols to Homoallylic Alcohols Involving C=C Bond Cleavage.. ChemInform, 2005, 36, no.	0.1	0
130	Metal Cation-Exchanged Montmorillonite-Catalyzed Addition of Organic Disulfides to Alkenes.. ChemInform, 2005, 36, no.	0.1	0
131	Iridium-Catalyzed Ring Cleavage Reaction of Cyclobutanone O-Benzoyloximes Providing Nitriles.. ChemInform, 2005, 36, no.	0.1	0
132	Molybdenum- and Rhenium-Catalyzed Isomerization of Cyclopropanemethanols to Tetrahydrofurans.. ChemInform, 2005, 36, no.	0.1	0