Ken Tanaka

List of Publications by Year
in descending order

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272 papers	13,594 citations	17429 63 h-index	36008 97 g-index
468 all docs	468 docs citations	468 times ranked	6440 citing authors

#	Article	IF	Citations
1	Transitionâ€Metalâ€Catalyzed Enantioselective [2+2+2] Cycloadditions for the Synthesis of Axially Chiral Biaryls. Chemistry - an Asian Journal, 2009, 4, 508-518.	1.7	363
2	Rhodium-Catalyzed Enantioselective Synthesis, Crystal Structures, and Photophysical Properties of Helically Chiral 1,1â€²-Bitriphenylenes. Journal of the American Chemical Society, 2012, 134, 4080-4083.	6.6	351
3	Enantioselective Synthesis and Enhanced Circularly Polarized Luminescence of S-Shaped Double Azahelicenes. Journal of the American Chemical Society, 2014, 136, 5555-5558.	6.6	306
4	Cationic Rhodium(I)/BINAP-Type Bisphosphine Complexes: Versatile New Catalysts for Highly Chemo-, Regio-, and Enantioselective [2+2+2] Cycloadditions. Synlett, 2007, 2007, 1977-1993.	1.0	245
5	Hierarchical Assembly of a Phthalhydrazideâ€Functionalized Helicene. Angewandte Chemie - International Edition, 2011, 50, 3684-3687.	7.2	219
6	Enantioselective Synthesis of Axially Chiral Anilides through Rhodium-Catalyzed [2+2+2] Cycloaddition of 1,6-Diynes with Trimethylsilylynamides. Journal of the American Chemical Society, 2006, 128, 4586-4587.	6.6	213
7	Enantioselective Isomerization of Allylic Alcohols Catalyzed by a Rhodium/Phosphaferrocene Complex. Journal of the American Chemical Society, 2000, 122, 9870-9871.	6.6	185
8	Asymmetric Assembly of Aromatic Rings To Produce Tetra-ortho-Substituted Axially Chiral Biaryl Phosphorus Compounds. Angewandte Chemie - International Edition, 2007, 46, 3951-3954.	7.2	166
9	Rhodium-Catalyzed Highly Enantioselective Direct Intermolecular Hydroacylation of 1,1-Disubstituted Alkenes with Unfunctionalized Aldehydes. Journal of the American Chemical Society, 2009, 131, 12552-12553.	6.6	160
10	Enantioselective Synthesis of Axially Chiral Phthalides through Cationic [RhI(H8-binap)]-Catalyzed Cross Alkyne Cyclotrimerization. Angewandte Chemie - International Edition, 2004, 43, 6510-6512.	7.2	157
11	Parallel Kinetic Resolution of 4-Alkynals Catalyzed by Rh(I)/Tol-BINAP:â€‰ Synthesis of Enantioenriched Cyclobutanones and Cyclopentenones. Journal of the American Chemical Society, 2003, 125, 8078-8079.	6.6	148
12	Catalytic [2+2+1] Crossâ€Cyclotrimerization of Silylacetylenes and Two Alkynyl Esters To Produce Substituted Silylfulvenes. Angewandte Chemie - International Edition, 2011, 50, 10917-10921.	7.2	146
13	Synthesis of Fluorene Derivatives through Rhodiumâ€Catalyzed Dehydrogenative Cyclization. Angewandte Chemie - International Edition, 2012, 51, 5359-5362.	7.2	146
14	A Versatile New Catalyst for the Enantioselective Isomerization of Allylic Alcohols to Aldehydes:Â Scope and Mechanistic Studies. Journal of Organic Chemistry, 2001, 66, 8177-8186.	1.7	141
15	Highly Chemo- and Regioselective Intermolecular Cyclotrimerization of Alkynes Catalyzed by Cationic Rhodium(I)/Modified BINAP Complexes. Organic Letters, 2003, 5, 4697-4699.	2.4	141
16	Chemo- and Regioselective Intermolecular Cyclotrimerization of Terminal Alkynes Catalyzed by Cationic Rhodium(I)/Modified BINAP Complexes: Application to One-Step Synthesis of Paracyclophanes. Chemistry - A European Journal, 2005, 11, 1145-1156.	1.7	141
17	Rh-Catalyzed Synthesis of Helically Chiral and Ladder-Type Molecules via [2 + 2 + 2] and Formal [2 + 1 + 2 + 1] Cycloadditions Involving Câ”C Triple Bond Cleavage. Journal of the American Chemical Society, 2007, 129, 12078-12079.	6.6	141
18	Homogeneous and Heterogeneous Gold Catalysis for Materials Science. Chemical Reviews, 2021, 121, 9113-9163.	23.0	139

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19	Cationic Rhodium(I)/Modified-BINAP Catalyzed [2+2+2] Cycloaddition of Alkynes with Nitriles. European Journal of Organic Chemistry, 2006, 2006, 3917-3922.	1.2	137
20	A Versatile New Method for the Synthesis of Cyclopentenones via an Unusual Rhodium-Catalyzed Intramolecular Trans Hydroacylation of an Alkyne. Journal of the American Chemical Society, 2001, 123, 11492-11493.	6.6	133
21	Oneâ€Step Construction of Five Successive Rings by Rhodiumâ€Catalyzed Intermolecular Double [2+2+2] Cycloaddition: Enantioenriched [9]Heliceneâ€Like Molecules. Angewandte Chemie - International Edition, 2009, 48, 5470-5473.	7.2	133
22	Oxidative Annulation of Anilides with Internal Alkynes Using an (Electronâ€Deficient) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (Î·<su and Catalysis, 2014, 356, 1577-1585.	2.1	128
23	Rhodium-Catalyzed Chemo-, Regio-, and Enantioselective [2 + 2 + 2] Cycloaddition of Alkynes with Isocyanates. Organic Letters, 2005, 7, 4737-4739.	2.4	125
24	Rhodium-Catalyzed [2+2+2] Cycloaddition for the Synthesis of Substituted Pyridines, Pyridones, and Thiopyranimines. Heterocycles, 2012, 85, 1017.	0.4	122
25	Enantioselective Helicene Synthesis by Rhodium-Catalyzed [2+2+2] Cycloadditions. Bulletin of the Chemical Society of Japan, 2015, 88, 375-385.	2.0	118
26	Rhodium-Catalyzed Reductive Coupling of Disulfides and Diselenides with Alkyl Halides, Using Hydrogen as a Reducing Agent. Organic Letters, 2005, 7, 4193-4195.	2.4	116
27	Enantioselective Synthesis of Cyclopentenones via Rhodium-Catalyzed Kinetic Resolution and Desymmetrization of 4-Alkynals. Journal of the American Chemical Society, 2002, 124, 10296-10297.	6.6	108
28	Enantioselective Synthesis of Pâ€Stereogenic Alkynylphosphine Oxides by Rhâ€Catalyzed [2+2+2] Cycloaddition. Angewandte Chemie - International Edition, 2008, 47, 3410-3413.	7.2	104
29	Asymmetric Synthesis and Photophysical Properties of Benzopyrano- or Naphthopyrano-Fused Helical Phosphafluorenes. Organic Letters, 2010, 12, 1324-1327.	2.4	103
30	Rhodium- and Iridium-Catalyzed Dehydrogenative Cyclization through Double Câ€“H Bond Cleavages To Produce Fluorene Derivatives. Journal of Organic Chemistry, 2013, 78, 1365-1370.	1.7	100
31	Oxidative Olefination of Anilides with Unactivated Alkenes Catalyzed by an (Electronâ€Deficient) Tj ETQq1 1 0.784314 rgBT /Overlock European Journal, 2015, 21, 9053-9056.	1.7	98
32	Enantioselective Synthesis ofC2-Symmetric Spirobipyridine Ligands through Cationic Rh(I)/Modified-BINAP- Catalyzed Double [2 + 2 + 2] Cycloaddition. Organic Letters, 2007, 9, 1295-1298.	2.4	97
33	Amide-Directed Alkenylation of sp² Câ€“H Bonds Catalyzed by a Cationic Rh(I)/BIPHEP Complex Under Mild Conditions: Dramatic Rate Acceleration by a 1-Pyrrolidinecarbonyl Group. Organic Letters, 2009, 11, 689-692.	2.4	96
34	Highly Regioâ€, Diastereoâ€, and Enantioselective [2+2+2] Cycloaddition of 1,6â€Enynes with Electronâ€Deficient Ketones Catalyzed by a Cationic Rh^I/H₈â€binap Complex. Angewandte Chemie - International Edition, 2008, 47, 1312-1316.	7.2	95
35	Enantioselective Synthesis of Spirocyclic Benzopyranones by Rhodiumâ€Catalyzed Intermolecular [4+2]â€…Annulation. Angewandte Chemie - International Edition, 2008, 47, 5820-5822.	7.2	94
36	Rhodium-Catalyzed Complete Regioselective Intermolecular Cross-Cyclotrimerization of Aryl Ethynyl Ethers and Nitriles or Isocyanates at Room Temperature. Organic Letters, 2010, 12, 1312-1315.	2.4	91

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37	Direct Intermolecular Hydroacylation ofN,N-Dialkylacrylamides with Aldehydes Catalyzed by a Cationic Rhodium(I)/dppb Complex. Organic Letters, 2007, 9, 1215-1218.	2.4	90
38	Enantioselective Synthesis of Tetra-ortho-Substituted Axially Chiral Biaryls through Rhodium-Catalyzed Double [2 + 2 + 2] Cycloaddition. Organic Letters, 2006, 8, 3489-3492.	2.4	86
39	Convergent and Rapid Assembly of Substituted 2-Pyridones through Formation of N-Alkenyl Alkynylamides Followed by Gold-Catalyzed Cycloisomerization. Organic Letters, 2008, 10, 3563-3566.	2.4	86
40	Oxidative Annulation of Arenecarboxylic and Acrylic Acids with Alkynes under Ambient Conditions Catalyzed by an Electronâ€Deficient Rhodium(III) Complex. Chemistry - A European Journal, 2016, 22, 14190-14194.	1.7	86
41	Rhodium-Catalyzed Asymmetric One-Pot Transesterification and [2 + 2 + 2] Cycloaddition Leading to Enantioenriched 3,3-Disubstituted Phthalides. Organic Letters, 2007, 9, 1307-1310.	2.4	85
42	Synthesis of Belt- and MÃ¶bius-Shaped Cycloparaphenylenes by Rhodium-Catalyzed Alkyne Cyclotrimerization. Journal of the American Chemical Society, 2019, 141, 14955-14960.	6.6	84
43	Flexible Synthesis of Fused Benzofuran Derivatives by Rhodium-Catalyzed [2 + 2 + 2] Cycloaddition with Phenol-Linked 1,6-Diynes. Organic Letters, 2009, 11, 2361-2364.	2.4	82
44	Enantioselective Synthesis of Axially Chiral Biaryls through Rhodium-Catalyzed Complete Intermolecular Cross-Cyclotrimerization of Internal Alkynes. Organic Letters, 2005, 7, 3119-3121.	2.4	80
45	Enantioselective Synthesis of Planar-Chiral Metacyclophanes through Rhodium-Catalyzed Alkyne Cyclotrimerization. Journal of the American Chemical Society, 2007, 129, 1522-1523.	6.6	80
46	Cationic Rh(I)/Modified-BINAP-Catalyzed Reactions of Carbonyl Compounds with 1,6-Diynes Leading to Dienones and Ortho-Functionalized Aryl Ketones. Organic Letters, 2007, 9, 2203-2206.	2.4	78
47	Liquid Enol Ethers and Acetates as Gaseous Alkyne Equivalents in Rh-Catalyzed Chemo- and Regioselective Formal Cross-Alkyne Cyclotrimerization. Organic Letters, 2008, 10, 2537-2540.	2.4	75
48	Rhodium-Catalyzed Intramolecular Hydroacylation of 5- and 6-Alkynals: Convenient Synthesis of ?-Alkylidenecycloalkanones and Cycloalkenones. Chemistry - A European Journal, 2004, 10, 5681-5688.	1.7	74
49	Rhodium-Catalyzed [2+2+2] Cycloaddition of Alkynes for the Synthesis of Substituted Benzenes: Catalysts, Reaction Scope, and Synthetic Applications. Synthesis, 2012, 44, 323-350.	1.2	74
50	Thirteen Novel Cycloartane-Type Triterpenes fromCombretum quadrangulare. Journal of Natural Products, 2000, 63, 57-64.	1.5	73
51	Synthesis of Enantioenriched N-Aryl-2-pyridones with Chiral C-N Axes by Rhodium-Catalyzed [2+2+2] Cycloaddition of Alkynes with Isocyanates. Synlett, 2008, 2008, 1724-1728.	1.0	73
52	Cationic Rhodium(I) Complex-Catalyzed [3 + 2] and [2 + 1] Cycloadditions of Propargyl Esters with Electron-Deficient Alkynes and Alkenes. Journal of the American Chemical Society, 2010, 132, 7896-7898.	6.6	73
53	Palladiumâ€Catalyzed Enantioselective Intramolecular Hydroarylation of Alkynes To Form Axially Chiral 4â€Aryl 2â€Quinolinones. Angewandte Chemie - International Edition, 2011, 50, 3963-3967.	7.2	70
54	A New Route to Substituted Phenols by Cationic Rhodium(I)/BINAP Complex-Catalyzed Decarboxylative [2 + 2 + 2] Cycloaddition. Organic Letters, 2009, 11, 1337-1340.	2.4	69

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55	Enantioselective Synthesis of [9]â€•and [11]Heliceneâ€‐like Molecules: Double Intramolecular [2+2+2] Cycloaddition. Angewandte Chemie - International Edition, 2014, 53, 8480-8483.	7.2	69
56	Practical Asymmetric Synthesis of (S)-MA20565, a Wide-Spectrum Agricultural Fungicide. Journal of Organic Chemistry, 2000, 65, 432-437.	1.7	68
57	Highly Enantioselective Synthesis of N,Nâ€‹Dialkylbenzamides with Arylâ€“Carbonyl Axial Chirality by Rhodiumâ€‐Catalyzed [2+2+2] Cycloaddition. Chemistry - A European Journal, 2008, 14, 6593-6596.	1.7	68
58	Rhodiumâ€‐Catalyzed Intramolecular Cyclization of Naphtholâ€•or Phenolâ€‐Linked 1,6â€‐Enynes Through the Cleavage and Formation of sp² Cï£¿O Bonds. Angewandte Chemie - International Edition, 2012, 51, 5976-5980.	7.2	68
59	Synthesis of Perfluoroalkylated Benzenes and Pyridines through Cationic Rh(I)/Modified BINAP-Catalyzed Chemo- and Regioselective [2 + 2 + 2] Cycloaddition. Organic Letters, 2007, 9, 1907-1910.	2.4	67
60	Simultaneous characterization of quaternary alkaloids, 8-oxoprotoberberine alkaloids, and a steroid compound in Coscinium fenestratum by liquid chromatography hybrid ion trap time-of-flight mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 413-425.	1.4	67
61	The Oxidative Annulation of Tertiary Benzyl Alcohols with Internal Alkynes using an (Electronâ€‐Deficient Î·⁵â€‐Cyclopentaâ€•dienyl)Rhodium(III) Catalyst under Ambient Conditions. Advanced Synthesis and Catalysis, 2014, 356, 1638-1644.	2.1	66
62	Enantioselective Synthesis, Crystal Structure, and Photophysical Properties of a 1,1â€²â€‐Bitriphenyleneâ€‐Based Sila[7]helicene. European Journal of Organic Chemistry, 2015, 2015, 1409-1414.	1.2	65
63	Rh-Catalyzed [4+2] Annulation of 4-Alkynals with Isocyanates and Its Application to the Parallel Kinetic Resolution of Unfunctionalized 4-Alkynals. Angewandte Chemie - International Edition, 2006, 45, 2734-2737.	7.2	64
64	Rhodiumâ€‐Catalyzed [3+2+2] and [2+2+2] Cycloadditions of Two Alkynes with Cyclopropylideneacetamides. Angewandte Chemie - International Edition, 2015, 54, 8241-8244.	7.2	64
65	Asymmetric Synthesis of Axially Chiral Biaryl Diphosphine Ligands by Rhodium-Catalyzed Enantioselective Intramolecular Double [2 + 2 + 2] Cycloaddition. Organic Letters, 2011, 13, 362-365.	2.4	63
66	Heteroarene-Directed Oxidative sp² Câ€“H Bond Allylation with Aliphatic Alkenes Catalyzed by an (Electron-Deficient Î·⁵-Cyclopentadienyl)rhodium(III) Complex. Organic Letters, 2016, 18, 2934-2937.	2.4	63
67	Synthesis of Chiral Tetrasubstituted Alkenes by an Asymmetric Cascade Reaction Catalyzed Cooperatively by Cationic Rhodium(I) and Silver(I) Complexes. Angewandte Chemie - International Edition, 2009, 48, 8129-8132.	7.2	61
68	Facile Generation and Isolation of Ï€-Allyl Complexes from Aliphatic Alkenes and an Electron-Deficient Rh(III) Complex: Key Intermediates of Allylic Câ€“H Functionalization. Organometallics, 2016, 35, 1547-1552.	1.1	61
69	Enantioselective Synthesis of Planar Chiral Zigzag-Type Cyclophenylene Belts by Rhodium-Catalyzed Alkyne Cyclotrimerization. Journal of the American Chemical Society, 2020, 142, 9834-9842.	6.6	61
70	Phosphine-free cationic rhodium(I) complex-catalyzed disulfide exchange reaction: convenient synthesis of unsymmetrical disulfides. Tetrahedron Letters, 2004, 45, 5677-5679.	0.7	60
71	Practical Enantioselective Synthesis of Axially Chiral Biaryl Diphosphonates and Dicarboxylates by Cationic Rhodium(I)/Segphos-Catalyzed Double [2 + 2 + 2] Cycloaddition. Organic Letters, 2008, 10, 2849-2852.	2.4	59
72	Enantioselective Synthesis of Planarâ€‐Chiral Carbaâ€‐Paracyclophanes: Rhodiumâ€‐Catalyzed [2+2+2] Cycloaddition of Cyclic Diynes with Terminal Monoynes. Angewandte Chemie - International Edition, 2013, 52, 5617-5621.	7.2	59

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73	Rhodium-Catalyzed Regio- and Enantioselective Intermolecular [4+2] Carbocyclization of 4-Alkynals withN,N-Dialkyl Acrylamides. Angewandte Chemie - International Edition, 2005, 44, 7260-7263.	7.2	57
74	Cationic Rhodium(I)/BINAP Complex-Catalyzed Isomerization of Secondary Propargylic Alcohols to Î±,Î²-Enones. Organic Letters, 2005, 7, 3561-3563.	2.4	57
75	Enantioselective Cycloisomerization of 1,6-Enynes to Bicyclo[3.1.0]hexanes Catalyzed by Rhodium and Benzoic Acid. Journal of the American Chemical Society, 2014, 136, 7627-7630.	6.6	57
76	Rhodium-Catalyzed Regio- and Stereoselective Codimerization of Alkenes and Electron-Deficient Internal Alkynes Leading to 1,3-Dienes. Organic Letters, 2008, 10, 2829-2831.	2.4	56
77	Fulvene Synthesis by Rhodium(I)â€Catalyzed [2+2+1] Cycloaddition: Synthesis and Catalytic Activity of Tunable Cyclopentadienyl Rhodium(III) Complexes with Pendant Amides. Angewandte Chemie - International Edition, 2017, 56, 3590-3593.	7.2	56
78	Rhodium-Catalyzed Synthesis of Cyclohexenones via a Novel [4 + 2] Annulation. Organic Letters, 2002, 4, 933-935.	2.4	55
79	Rhodium-Catalyzed Reactions of Dithiols and 1,4-Bis(bromomethyl)benzenes Leading To Enantioenriched Dithiaparacyclophanes. Organic Letters, 2007, 9, 4881-4884.	2.4	55
80	Cationic Rhodium(I)/Bisphosphane Complex-Catalyzed Isomerization of Secondary Propargylic Alcohols to Î±,Î²-Enones. European Journal of Organic Chemistry, 2007, 2007, 2687-2699.	1.2	55
81	Rhodium-Catalyzed Olefin Isomerization/Enantioselective Intramolecular Alder-Ene Reaction Cascade. Organic Letters, 2011, 13, 4894-4897.	2.4	55
82	Quantitation of Curcuminoids in Curcuma Rhizome by Near-infrared Spectroscopic Analysis. Journal of Agricultural and Food Chemistry, 2008, 56, 8787-8792.	2.4	54
83	Transitionâ€Metalâ€Catalyzed Cyclization of Alkynals via Oxametallacycle Intermediates. European Journal of Organic Chemistry, 2012, 2012, 3715-3725.	1.2	54
84	Synthesis of Single and Double Dibenzohelicenes by Rhodiumâ€Catalyzed Intramolecular [2+2+2] and [2+1+2+1] Cycloaddition. Chemistry - A European Journal, 2018, 24, 6364-6370.	1.7	54
85	Rhodium-Catalyzed [2+2+2] Cycloaddition of 1,6-Diynes with Isothiocyanates and Carbon Disulfide. Organic Letters, 2006, 8, 907-909.	2.4	53
86	Enantioselective Synthesis of C2-Symmetric Dimethyl CyclohexadieneÂdicarboxylates through Cationic Rhodium(I)/Modified-BINAP-Catalyzed [2+2+2] Cycloadditions. Synlett, 2007, 2007, 1426-1430.	1.0	53
87	Rhodium-Catalyzed Enantioselective Cyclizations of Î³-Alkynylaldehydes with Acyl Phosphonates: Ligand- and Substituent-Controlled Câ€“P or Câ€“H Bond Cleavage. Journal of the American Chemical Society, 2011, 133, 6918-6921.	6.6	52
88	Enantioselective Construction of Bridged Multicyclic Skeletons: Intermolecular [2+2+2] Cycloaddition/Intramolecular Dielsâ€“Alder Reaction Cascade. Angewandte Chemie - International Edition, 2011, 50, 1664-1667.	7.2	52
89	Rhodiumâ€Catalyzed Regioâ€, Diastereoâ€, and Enantioselective [2+2+2] Cycloaddition of 1,6â€Enynes with Acrylamides. Angewandte Chemie - International Edition, 2012, 51, 13031-13035.	7.2	52
90	Highly Enantioselective Construction of Axial Chirality by Palladium-Catalyzed Cycloisomerization of N-Alkenyl Arylethynylamides. Organic Letters, 2009, 11, 1805-1808.	2.4	49

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91	Enantioselective Synthesis of Fully Benzenoid Single and Double Carbohelicenes via Goldâ€Catalyzed Intramolecular Hydroarylation. Chemistry - A European Journal, 2018, 24, 5434-5438.	1.7	48
92	Rhodium-Catalyzed Atroposelective [2 + 2 + 2] Cycloaddition of Ortho-Substituted Phenyl Diynes with Nitriles: Effect of Ortho Substituents on Regio- and Enantioselectivity. Organic Letters, 2016, 18, 2170-2173.	2.4	47
93	Rh-Mediated Enantioselective Synthesis, Crystal Structures, and Photophysical/Chiroptical Properties of Phenanthrenol-Based [9]Helicene-like Molecules. Organic Letters, 2017, 19, 42-45.	2.4	47
94	Calyxin H, Epicalyxin H, and Blepharocalyxins A and B, Novel Diarylheptanoids from the Seeds ofAlpinia blepharocalyx. Journal of Natural Products, 1998, 61, 212-216.	1.5	46
95	DATA MINING METHODS FOR OMICS AND KNOWLEDGE OF CRUDE MEDICINAL PLANTS TOWARD BIG DATA BIOLOGY. Computational and Structural Biotechnology Journal, 2013, 4, e201301010.	1.9	46
96	Concise Synthesis and Facile Nanotube Assembly of a Symmetrically Multifunctionalized Cycloparaphenylene. Chemistry - A European Journal, 2015, 21, 18900-18904.	1.7	46
97	Goldâ€Catalyzed Enantioselective Synthesis, Crystal Structure, and Photophysical/Chiroptical Properties of Aza[10]helicenes. Chemistry - A European Journal, 2016, 22, 9537-9541.	1.7	46
98	Cationic gold(I) axially chiral biaryl bisphosphine complex-catalyzed atropselective synthesis of heterobiaryls. Beilstein Journal of Organic Chemistry, 2011, 7, 944-950.	1.3	45
99	Highly Chemoâ€, Regioâ€, and Enantioselective Rhodiumâ€Catalyzed Crossâ€Cyclotrimerization of Two Different Alkynes with Alkenes. Angewandte Chemie - International Edition, 2014, 53, 2956-2959.	7.2	45
100	Catalytic [2 + 2 + 2] and Thermal [4 + 2] Cycloaddition of 1,2-Bis(arylpropiolyl)benzenes. Journal of Organic Chemistry, 2007, 72, 2243-2246.	1.7	44
101	Enantioselective Synthesis of Axially Chiral 1â€Arylisoquinolines by Rhodiumâ€Catalyzed [2+2+2] Cycloaddition. Chemistry - A European Journal, 2011, 17, 1428-1432.	1.7	44
102	Rhodiumâ€Catalyzed Highly Diastereoâ€•and Enantioselective Synthesis of a Configurationally Stable Sâ€Shaped Double Heliceneâ€Like Molecule. Angewandte Chemie - International Edition, 2020, 59, 11020-11027.	7.2	43
103	Rhodium-Catalyzed Highly Enantio- and Diastereoselective Cotrimerization of Alkenes and Dialkyl Acetylenedicarboxylates Leading to Furylcyclopropanes. Organic Letters, 2008, 10, 2825-2828.	2.4	42
104	Antidepressant-like effect of Butea superba in mice exposed to chronic mild stress and its possible mechanism of action. Journal of Ethnopharmacology, 2014, 156, 16-25.	2.0	42
105	Formal Lossen Rearrangement/[3+2] Annulation Cascade Catalyzed by a Modified Cyclopentadienyl Rh^{III} Complex. Chemistry - A European Journal, 2018, 24, 5723-5727.	1.7	42
106	Synthesis of Triphenylene Derivatives by Rhodium-Catalyzed [2 + 2 + 2] Cycloaddition: Application to the Synthesis of Highly Fluorescent Triphenylene-Based Long Ladder Molecules. Journal of Organic Chemistry, 2013, 78, 6202-6210.	1.7	41
107	Rhodium-Catalyzed Cycloisomerization of 2-Silylethynyl Phenols and Anilines via 1,2-Silicon Migration. Organic Letters, 2016, 18, 1654-1657.	2.4	41
108	Catalytic Enantioselective Synthesis of Planar Chiral Cyclophanes. Bulletin of the Chemical Society of Japan, 2018, 91, 187-194.	2.0	41

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109	Rhodiumâ€Catalyzed [2+2+2] Cycloaddition of Diynes with Carbodiimides and Carbon Dioxide under Ambient Conditions. Chemistry - A European Journal, 2014, 20, 2169-2174.	1.7	39
110	Enantioselective synthesis of planar-chiral metacyclophanes through cationic Rh(I)/modified-BINAP-catalyzed inter- and intramolecular alkyne cyclotrimerizations. Tetrahedron, 2008, 64, 831-846.	1.0	38
111	Atroposelective Synthesis of Axially Chiral Allâ€Benzenoid Biaryls by the Goldâ€Catalyzed Intramolecular Hydroarylation of Alkynones. European Journal of Organic Chemistry, 2016, 2016, 4465-4469.	1.2	38
112	A Novel Rhodium-Catalyzed Reduction-Oxidation Process: Reaction of 4-Alkynals with Phenol to Providecis-4-Alkenoates. Angewandte Chemie - International Edition, 2002, 41, 1607-1609.	7.2	37
113	Rhodium-Catalyzed Reaction of Thiols with Polychloroalkanes in the Presence of Triethylamine. Organic Letters, 2005, 7, 1537-1539.	2.4	37
114	Preparation of Enantioenriched Axially Chiral Anilides via [2+2+2] Cycloaddition of 1,6-Diynes with Trimethylsilylynamides. Synthesis, 2007, 2007, 2920-2923.	1.2	37
115	Quality evaluation of Astragali Radix using a multivariate statistical approach. Phytochemistry, 2008, 69, 2081-2087.	1.4	37
116	Cationic Rhodium(I)â^'dppf Complex-Catalyzed Olefin Isomerization/Propargyl Claisen Rearrangement/Carbonyl Migration Cascade. Journal of the American Chemical Society, 2009, 131, 10822-10823.	6.6	37
117	Rhodium-Catalyzed Câ€“H Bond Activation/[4 + 2] Annulation/Aromatization Cascade To Produce Phenol, Naphthol, Phenanthrenol, and Triphenylenol Derivatives. Organic Letters, 2012, 14, 1492-1495.	2.4	37
118	Cationic rhodium(I)/PPh3 complex-catalyzed dehydrogenation of alkanethiols to disulfides under inert atmosphere. Tetrahedron Letters, 2004, 45, 25-27.	0.7	36
119	Cationic Rhodium(I)/H₈â€binap Complex Catalyzed [2+2+2] Cycloadditions of 1,6â€•and 1,7â€Diynes with Carbonyl Compounds. European Journal of Organic Chemistry, 2009, 2009, 2737-2747.	1.2	36
120	Rhodiumâ€Catalyzed Crossâ€Cyclotrimerization and Dimerization of Allenes with Alkynes. Angewandte Chemie - International Edition, 2016, 55, 6753-6757.	7.2	36
121	Rhodium-catalyzed enantio- and diastereoselective intramolecular [2 + 2 + 2] cycloaddition of unsymmetrical dienynes. Chemical Communications, 2008, , 3804.	2.2	35
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