

Ken Tanaka

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ext. papers

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ext. citations

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#	Paper	IF	Citations
323	Transition-metal-catalyzed enantioselective [2+2+2] cycloadditions for the synthesis of axially chiral biaryls. <i>Chemistry - an Asian Journal</i> , 2009 , 4, 508-18	4.5	314
322	Rhodium-catalyzed enantioselective synthesis, crystal structures, and photophysical properties of helically chiral 1,1Sbitriphenylenes. <i>Journal of the American Chemical Society</i> , 2012 , 134, 4080-3	16.4	299
321	Enantioselective synthesis and enhanced circularly polarized luminescence of S-shaped double azahelicenes. <i>Journal of the American Chemical Society</i> , 2014 , 136, 5555-8	16.4	241
320	Cationic Rhodium(I)/BINAP-Type Bisphosphine Complexes: Versatile New Catalysts for Highly Chemo-, Regio-, and Enantioselective [2+2+2] Cycloadditions. <i>Synlett</i> , 2007 , 2007, 1977-1993	2.2	227
319	Hierarchical assembly of a phthalhydrazide-functionalized helicene. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3684-7	16.4	199
318	Enantioselective synthesis of axially chiral anilides through rhodium-catalyzed [2+2+2] cycloaddition of 1,6-diynes with trimethylsilylynamides. <i>Journal of the American Chemical Society</i> , 2006 , 128, 4586-7	16.4	178
317	Enantioselective Isomerization of Allylic Alcohols Catalyzed by a Rhodium/Phosphaferrocene Complex. <i>Journal of the American Chemical Society</i> , 2000 , 122, 9870-9871	16.4	157
316	Asymmetric assembly of aromatic rings to produce tetra-ortho-substituted axially chiral biaryl phosphorus compounds. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 3951-4	16.4	145
315	Rhodium-catalyzed highly enantioselective direct intermolecular hydroacylation of 1,1-disubstituted alkenes with unfunctionalized aldehydes. <i>Journal of the American Chemical Society</i> , 2009 , 131, 12552-3	16.4	138
314	Synthesis of fluorene derivatives through rhodium-catalyzed dehydrogenative cyclization. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5359-62	16.4	136
313	Enantioselective synthesis of axially chiral phthalides through cationic [Rh(I)(H8-binap)]-catalyzed cross alkyne cyclotrimerization. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 6510-2	16.4	136
312	Parallel kinetic resolution of 4-alkynals catalyzed by Rh(I)/Tol-BINAP: synthesis of enantioenriched cyclobutanones and cyclopentenones. <i>Journal of the American Chemical Society</i> , 2003 , 125, 8078-9	16.4	135
311	Chemo- and regioselective intermolecular cyclotrimerization of terminal alkynes catalyzed by cationic rhodium(I)/modified BINAP complexes: application to one-step synthesis of paracyclophanes. <i>Chemistry - A European Journal</i> , 2005 , 11, 1145-56	4.8	129
310	Cationic Rhodium(I)/Modified-BINAP Catalyzed [2+2+2] Cycloaddition of Alkynes with Nitriles. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 3917-3922	3.2	125
309	Highly chemo- and regioselective intermolecular cyclotrimerization of alkynes catalyzed by cationic rhodium(I)/modified BINAP complexes. <i>Organic Letters</i> , 2003 , 5, 4697-9	6.2	123
308	A versatile new catalyst for the enantioselective isomerization of allylic alcohols to aldehydes: scope and mechanistic studies. <i>Journal of Organic Chemistry</i> , 2001 , 66, 8177-86	4.2	122
307	A versatile new method for the synthesis of cyclopentenones via an unusual rhodium-catalyzed intramolecular trans hydroacylation of an alkyne. <i>Journal of the American Chemical Society</i> , 2001 , 123, 11492-3	16.4	120

306	Rh-catalyzed synthesis of helically chiral and ladder-type molecules via [2 + 2 + 2] and formal [2 + 1 + 2 + 1] cycloadditions involving C-C triple bond cleavage. <i>Journal of the American Chemical Society</i> , 2007 , 129, 12078-9	16.4	118
305	Catalytic [2+2+1] cross-cyclotrimerization of silylacetylenes and two alkynyl esters to produce substituted silylfulvenes. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 10917-21	16.4	117
304	Rhodium-catalyzed chemo-, regio-, and enantioselective [2 + 2 + 2] cycloaddition of alkynes with isocyanates. <i>Organic Letters</i> , 2005 , 7, 4737-9	6.2	116
303	One-step construction of five successive rings by rhodium-catalyzed intermolecular double [2+2+2] cycloaddition: enantioenriched [9]helicene-like molecules. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5470-3	16.4	113
302	Oxidative Annulation of Anilides with Internal Alkynes Using an (Electron-Deficient η -Cyclopentadienyl)Rhodium(III) Catalyst Under Ambient Conditions. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 1577-1585	5.6	110
301	Rhodium-catalyzed reductive coupling of disulfides and diselenides with alkyl halides, using hydrogen as a reducing agent. <i>Organic Letters</i> , 2005 , 7, 4193-5	6.2	109
300	Rhodium-Catalyzed [2+2+2] Cycloaddition for the Synthesis of Substituted Pyridines, Pyridones, and Thiopyrimidines. <i>Heterocycles</i> , 2012 , 85, 1017	0.8	104
299	Asymmetric synthesis and photophysical properties of benzopyrano- or naphthopyrano-fused helical phosphafluorenes. <i>Organic Letters</i> , 2010 , 12, 1324-7	6.2	94
298	Rhodium- and iridium-catalyzed dehydrogenative cyclization through double C-H bond cleavages to produce fluorene derivatives. <i>Journal of Organic Chemistry</i> , 2013 , 78, 1365-70	4.2	91
297	Enantioselective synthesis of C ₂ -symmetric spirobipyridine ligands through cationic Rh(I)/modified-BINAP- catalyzed double [2 + 2 + 2] cycloaddition. <i>Organic Letters</i> , 2007 , 9, 1295-8	6.2	90
296	Enantioselective Helicene Synthesis by Rhodium-Catalyzed [2+2+2] Cycloadditions. <i>Bulletin of the Chemical Society of Japan</i> , 2015 , 88, 375-385	5.1	89
295	Enantioselective synthesis of cyclopentenones via rhodium-catalyzed kinetic resolution and desymmetrization of 4-alkynals. <i>Journal of the American Chemical Society</i> , 2002 , 124, 10296-7	16.4	89
294	Amide-directed alkenylation of sp ² C-H Bonds catalyzed by a cationic Rh(I)/BIPHEP complex under mild conditions: dramatic rate acceleration by a 1-pyrrolidinecarbonyl group. <i>Organic Letters</i> , 2009 , 11, 689-92	6.2	86
293	Oxidative Olefination of Anilides with Unactivated Alkenes Catalyzed by an (Electron-Deficient η -Cyclopentadienyl)Rhodium(III) Complex Under Ambient Conditions. <i>Chemistry - A European Journal</i> , 2015 , 21, 9053-6	4.8	85
292	Rhodium-catalyzed complete regioselective intermolecular cross-cyclotrimerization of aryl ethynyl ethers and nitriles or isocyanates at room temperature. <i>Organic Letters</i> , 2010 , 12, 1312-5	6.2	84
291	Direct intermolecular hydroacylation of N,N-dialkylacrylamides with aldehydes catalyzed by a cationic rhodium(I)/dppb complex. <i>Organic Letters</i> , 2007 , 9, 1215-8	6.2	84
290	Highly regio-, diastereo-, and enantioselective [2+2+2] cycloaddition of 1,6-enynes with electron-deficient ketones catalyzed by a cationic Rh(I)/H8-binap complex. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 1312-6	16.4	84
289	Enantioselective synthesis of P-stereogenic alkynylphosphine oxides by Rh-catalyzed [2+2+2] cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 3410-3	16.4	81

- 288 Enantioselective synthesis of spirocyclic benzopyranones by rhodium-catalyzed intermolecular [4+2] annulation. *Angewandte Chemie - International Edition*, **2008**, 47, 5820-2 16.4 80
- 287 Convergent and rapid assembly of substituted 2-pyridones through formation of N-alkenyl alkynylamides followed by gold-catalyzed cycloisomerization. *Organic Letters*, **2008**, 10, 3563-6 6.2 77
- 286 Enantioselective Synthesis of Tetra-ortho-Substituted Axially Chiral Biaryls through Rhodium-Catalyzed Double [2 + 2 + 2] Cycloaddition. *Organic Letters*, **2006**, 8, 3489-92 6.2 74
- 285 Flexible synthesis of fused benzofuran derivatives by rhodium-catalyzed [2 + 2 + 2] cycloaddition with phenol-linked 1,6-diyne. *Organic Letters*, **2009**, 11, 2361-4 6.2 73
- 284 Rhodium-catalyzed asymmetric one-pot transesterification and [2 + 2 + 2] cycloaddition leading to enantioenriched 3,3-disubstituted phthalides. *Organic Letters*, **2007**, 9, 1307-10 6.2 73
- 283 Enantioselective synthesis of axially chiral biaryls through rhodium-catalyzed complete intermolecular cross-cyclootrimerization of internal alkynes. *Organic Letters*, **2005**, 7, 3119-21 6.2 72
- 282 Cationic Rh(I)/modified-BINAP-catalyzed reactions of carbonyl compounds with 1,6-diyne leading to dienones and ortho-functionalized aryl ketones. *Organic Letters*, **2007**, 9, 2203-6 6.2 68
- 281 Liquid enol ethers and acetates as gaseous alkyne equivalents in rh-catalyzed chemo- and regioselective formal cross-alkyne cyclootrimerization. *Organic Letters*, **2008**, 10, 2537-40 6.2 68
- 280 Rhodium-catalyzed intramolecular hydroacylation of 5- and 6-alkynals: convenient synthesis of alpha-alkylidenecycloalkanones and cycloalkanones. *Chemistry - A European Journal*, **2004**, 10, 5681-8 4.8 68
- 279 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 2.9 67
- 278 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, 7896-8 16.4 65
- 277 Oxidative Annulation of Arenecarboxylic and Acrylic Acids with Alkynes under Ambient Conditions Catalyzed by an Electron-Deficient Rhodium(III) Complex. *Chemistry - A European Journal*, **2016**, 22, 14190-4 4.8 64
- 276 Synthesis of perfluoroalkylated benzenes and pyridines through cationic Rh(I)/modified BINAP-catalyzed chemo- and regioselective [2 + 2 + 2] cycloaddition. *Organic Letters*, **2007**, 9, 1907-10 6.2 64
- 275 Rhodium-catalyzed intramolecular cyclization of naphthol- or phenol-linked 1,6-enynes through the cleavage and formation of sp² C-O bonds. *Angewandte Chemie - International Edition*, **2012**, 51, 5976-80 16.4 63
- 274 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 2.2 62
- 273 Highly enantioselective synthesis of n,n-dialkylbenzamides with aryl-carbonyl axial chirality by rhodium-catalyzed [2+2+2] cycloaddition. *Chemistry - A European Journal*, **2008**, 14, 6593-6 4.8 62
- 272 Hierarchical Assembly of a Phthalhydrazide-Functionalized Helicene. *Angewandte Chemie*, **2011**, 123, 3768-3771 3.6 61
- 271 Enantioselective synthesis of planar-chiral metacyclophanes through rhodium-catalyzed alkyne cyclootrimerization. *Journal of the American Chemical Society*, **2007**, 129, 1522-3 16.4 61

270	The Oxidative Annulation of Tertiary Benzyl Alcohols with Internal Alkynes using an (Electron-Deficient β -Cyclopenta- dienyl)Rhodium(III) Catalyst under Ambient Conditions. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 1638-1644	5.6	59
269	Heteroarene-Directed Oxidative sp(2) C-H Bond Allylation with Aliphatic Alkenes Catalyzed by an (Electron-Deficient β -Cyclopentadienyl)rhodium(III) Complex. <i>Organic Letters</i> , 2016 , 18, 2934-7	6.2	59
268	Synthesis of Fluorene Derivatives through Rhodium-Catalyzed Dehydrogenative Cyclization. <i>Angewandte Chemie</i> , 2012 , 124, 5455-5458	3.6	58
267	Palladium-catalyzed enantioselective intramolecular hydroarylation of alkynes to form axially chiral 4-aryl 2-quinolinones. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3963-7	16.4	58
266	Asymmetric synthesis of axially chiral biaryl diphosphine ligands by rhodium-catalyzed enantioselective intramolecular double [2 + 2 + 2] cycloaddition. <i>Organic Letters</i> , 2011 , 13, 362-5	6.2	58
265	Rh-catalyzed [4+2] annulation of 4-alkynals with isocyanates and its application to the parallel kinetic resolution of unfunctionalized 4-alkynals. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 2734-7	16.4	58
264	Facile Generation and Isolation of η -Allyl Complexes from Aliphatic Alkenes and an Electron-Deficient Rh(III) Complex: Key Intermediates of Allylic CBE Functionalization. <i>Organometallics</i> , 2016 , 35, 1547-1552	3.8	57
263	Enantioselective synthesis of [9]- and [11]helicene-like molecules: double intramolecular [2+2+2] cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 8480-3	16.4	57
262	Asymmetric Assembly of Aromatic Rings To Produce Tetra-ortho-Substituted Axially Chiral Biaryl Phosphorus Compounds. <i>Angewandte Chemie</i> , 2007 , 119, 4025-4028	3.6	56
261	Practical asymmetric synthesis of (S)-MA20565, a wide-spectrum agricultural fungicide. <i>Journal of Organic Chemistry</i> , 2000 , 65, 432-7	4.2	56
260	Synthesis of chiral tetrasubstituted alkenes by an asymmetric cascade reaction catalyzed cooperatively by cationic rhodium(I) and silver(I) complexes. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 8129-32	16.4	54
259	Simultaneous characterization of quaternary alkaloids, 8-oxoprotoberberine alkaloids, and a steroid compound in <i>Coscinium fenestratum</i> by liquid chromatography hybrid ion trap time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 50, 413-25	3.5	54
258	Practical enantioselective synthesis of axially chiral biaryl diphosphonates and dicarboxylates by cationic rhodium(I)/Segphos-catalyzed double [2 + 2 + 2] cycloaddition. <i>Organic Letters</i> , 2008 , 10, 2849-52	6.2	54
257	Cationic Rhodium(I)/Bisphosphane Complex-Catalyzed Isomerization of Secondary Propargylic Alcohols to α -Enones. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 2687-2699	3.2	53
256	Thirteen novel cycloartane-type triterpenes from <i>Combretum quadrangulare</i> . <i>Journal of Natural Products</i> , 2000 , 63, 57-64	4.9	53
255	Enantioselective Synthesis of C2-Symmetric Dimethyl Cyclohexadiene- α -dicarboxylates through Cationic Rhodium(I)/Modified-BINAP-Catalyzed [2+2+2] Cycloadditions. <i>Synlett</i> , 2007 , 2007, 1426-1430	2.2	51
254	Rhodium-Catalyzed [3+2+2] and [2+2+2] Cycloadditions of Two Alkynes with Cyclopropylideneacetamides. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8241-4	16.4	50
253	A new route to substituted phenols by cationic rhodium(I)/BINAP complex-catalyzed decarboxylative [2 + 2 + 2] cycloaddition. <i>Organic Letters</i> , 2009 , 11, 1337-40	6.2	50

- 252 Rhodium-catalyzed regio- and enantioselective intermolecular [4+2] carbocyclization of 4-alkynals with N,N-dialkyl acrylamides. *Angewandte Chemie - International Edition*, **2005**, 44, 7260-3 16.4 50
- 251 Rhodium-catalyzed synthesis of cyclohexenones via a novel [4 + 2] annulation. *Organic Letters*, **2002**, 4, 933-5 6.2 50
- 250 Enantioselective Synthesis, Crystal Structure, and Photophysical Properties of a 1,1'-Bitriphenylene-Based Sila[7]helicene. *European Journal of Organic Chemistry*, **2015**, 2015, 1409-1414 3.2 49
- 249 Transition-Metal-Catalyzed Cyclization of Alkynals via Oxametallacycle Intermediates. *European Journal of Organic Chemistry*, **2012**, 2012, 3715-3725 3.2 49
- 248 Cationic rhodium(I)/BINAP complex-catalyzed isomerization of secondary propargylic alcohols to alpha,beta-enones. *Organic Letters*, **2005**, 7, 3561-3 6.2 49
- 247 Phosphine-free cationic rhodium(I) complex-catalyzed disulfide exchange reaction: convenient synthesis of unsymmetrical disulfides. *Tetrahedron Letters*, **2004**, 45, 5677-5679 2 49
- 246 Homogeneous and Heterogeneous Gold Catalysis for Materials Science. *Chemical Reviews*, **2021**, 121, 9113-9163 68.1 48
- 245 Enantioselective construction of bridged multicyclic skeletons: intermolecular [2+2+2] cycloaddition/intramolecular Diels-Alder reaction cascade. *Angewandte Chemie - International Edition*, **2011**, 50, 1664-7 16.4 48
- 244 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, 7627-30 16.4 47
- 243 Rhodium-catalyzed regio- and stereoselective codimerization of alkenes and electron-deficient internal alkynes leading to 1,3-dienes. *Organic Letters*, **2008**, 10, 2829-31 6.2 47
- 242 Calyxin H, Epicalyxin H, and Blepharocalyxins A and B, Novel Diarylheptanoids from the Seeds of *Alpinia blepharocalyx*. *Journal of Natural Products*, **1998**, 61, 212-6 4.9 46
- 241 Fulvene Synthesis by Rhodium(I)-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 16.4 45
- 240 Catalytic [2+2+1] Cross-Cyclotrimerization of Silylacetylenes and Two Alkynyl Esters To Produce Substituted Silylfulvenes. *Angewandte Chemie*, **2011**, 123, 11109-11113 3.6 44
- 239 Rhodium-catalyzed olefin isomerization/enantioselective intramolecular Alder-ene reaction cascade. *Organic Letters*, **2011**, 13, 4894-7 6.2 44
- 238 One-Step Construction of Five Successive Rings by Rhodium-Catalyzed Intermolecular Double [2+2+2] Cycloaddition: Enantioenriched [9]Helicene-Like Molecules. *Angewandte Chemie*, **2009**, 121, 5578-5581 3.6 44
- 237 Quantitation of curcuminoids in curcuma rhizome by near-infrared spectroscopic analysis. *Journal of Agricultural and Food Chemistry*, **2008**, 56, 8787-92 5.7 44
- 236 Rhodium-catalyzed regio-, diastereo-, and enantioselective [2+2+2] cycloaddition of 1,6-enynes with acrylamides. *Angewandte Chemie - International Edition*, **2012**, 51, 13031-5 16.4 43
- 235 Rhodium-catalyzed [2+2+2] cycloaddition of 1,6-diynes with isothiocyanates and carbon disulfide. *Organic Letters*, **2006**, 8, 907-9 6.2 43

234	Rhodium-catalyzed enantioselective cyclizations of alkynylaldehydes with acyl phosphonates: ligand- and substituent-controlled C-P or C-H bond cleavage. <i>Journal of the American Chemical Society</i> , 2011 , 133, 6918-21	16.4	42
233	Cationic gold(I) axially chiral biaryl bisphosphine complex-catalyzed atropselective synthesis of heterobiaryls. <i>Beilstein Journal of Organic Chemistry</i> , 2011 , 7, 944-50	2.5	41
232	Highly enantioselective construction of axial chirality by palladium-catalyzed cycloisomerization of N-alkenyl arylolethynylamides. <i>Organic Letters</i> , 2009 , 11, 1805-8	6.2	41
231	Rhodium-catalyzed highly enantio- and diastereoselective cotrimerization of alkenes and dialkyl acetylenedicarboxylates leading to furylcyclopropanes. <i>Organic Letters</i> , 2008 , 10, 2825-8	6.2	41
230	Synthesis of Belt- and Möbius-Shaped Cycloparaphenylenes by Rhodium-Catalyzed Alkyne Cyclotrimerization. <i>Journal of the American Chemical Society</i> , 2019 , 141, 14955-14960	16.4	40
229	Highly chemo-, regio-, and enantioselective rhodium-catalyzed cross-cyclotrimerization of two different alkynes with alkenes. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2956-9	16.4	40
228	Enantioselective synthesis of planar-chiral carba-paracyclophanes: rhodium-catalyzed [2+2+2] cycloaddition of cyclic diynes with terminal monoynes. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 5617-21	16.4	39
227	Enantioselective Synthesis of Axially Chiral Phthalides through Cationic [RhI(H8-binap)]-Catalyzed Cross Alkyne Cyclotrimerization. <i>Angewandte Chemie</i> , 2004 , 116, 6672-6674	3.6	39
226	Synthesis of triphenylene derivatives by rhodium-catalyzed [2 + 2 + 2] cycloaddition: application to the synthesis of highly fluorescent triphenylene-based long ladder molecules. <i>Journal of Organic Chemistry</i> , 2013 , 78, 6202-10	4.2	38
225	Synthesis of Single and Double Dibenzohelicenes by Rhodium-Catalyzed Intramolecular [2+2+2] and [2+1+2+1] Cycloaddition. <i>Chemistry - A European Journal</i> , 2018 , 24, 6364-6370	4.8	37
224	Rhodium-catalyzed [2+2+2] cycloaddition of diynes with carbodiimides and carbon dioxide under ambient conditions. <i>Chemistry - A European Journal</i> , 2014 , 20, 2169-74	4.8	36
223	Enantioselective synthesis of axially chiral 1-arylisquinolines by rhodium-catalyzed [2+2+2] cycloaddition. <i>Chemistry - A European Journal</i> , 2011 , 17, 1428-32	4.8	36
222	Rh-Mediated Enantioselective Synthesis, Crystal Structures, and Photophysical/Chiroptical Properties of Phenanthrenol-Based [9]Helicene-like Molecules. <i>Organic Letters</i> , 2017 , 19, 42-45	6.2	35
221	Rhodium-catalyzed reactions of dithiols and 1,4-bis(bromomethyl)benzenes leading to enantioenriched dithiaparacyclophanes. <i>Organic Letters</i> , 2007 , 9, 4881-4	6.2	35
220	Quality evaluation of Astragali Radix using a multivariate statistical approach. <i>Phytochemistry</i> , 2008 , 69, 2081-7	4	35
219	Preparation of Enantioenriched Axially Chiral Anilides via [2+2+2] Cycloaddition of 1,6-Diynes with Trimethylsilylamides. <i>Synthesis</i> , 2007 , 2007, 2920-2923	2.9	35
218	A novel rhodium-catalyzed reduction-oxidation process: reaction of 4-alkynals with phenol to provide cis-4-alkenoates. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 1607-9	16.4	35
217	Data Mining Methods for Omics and Knowledge of Crude Medicinal Plants toward Big Data Biology. <i>Computational and Structural Biotechnology Journal</i> , 2013 , 4, e201301010	6.8	34

216	Cationic Rhodium(I)/H8-binap Complex Catalyzed [2+2+2] Cycloadditions of 1,6- and 1,7-Diynes with Carbonyl Compounds. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 2737-2747	3.2	34
215	Rhodium-catalyzed enantio- and diastereoselective intramolecular [2 + 2 + 2] cycloaddition of unsymmetrical dienyne. <i>Chemical Communications</i> , 2008 , 3804-6	5.8	34
214	Catalytic [2+2+2] and thermal [4+2] cycloaddition of 1,2-bis(arylpropioyl)benzenes. <i>Journal of Organic Chemistry</i> , 2007 , 72, 2243-6	4.2	34
213	Rhodium-Catalyzed Cycloisomerization of 2-Silylethynyl Phenols and Anilines via 1,2-Silicon Migration. <i>Organic Letters</i> , 2016 , 18, 1654-7	6.2	33
212	Concise Synthesis and Facile Nanotube Assembly of a Symmetrically Multifunctionalized Cycloparaphenylene. <i>Chemistry - A European Journal</i> , 2015 , 21, 18900-4	4.8	33
211	Cationic rhodium(I)/PPh ₃ complex-catalyzed dehydrogenation of alkanethiols to disulfides under inert atmosphere. <i>Tetrahedron Letters</i> , 2004 , 45, 25-27	2	33
210	Enantioselective Synthesis of Fully Benzenoid Single and Double Carbohelicenes via Gold-Catalyzed Intramolecular Hydroarylation. <i>Chemistry - A European Journal</i> , 2018 , 24, 5434-5438	4.8	32
209	Gold-Catalyzed Enantioselective Synthesis, Crystal Structure, and Photophysical/Chiroptical Properties of Aza[10]helicenes. <i>Chemistry - A European Journal</i> , 2016 , 22, 9537-41	4.8	32
208	Asymmetric dearomatization of 1-aminonaphthalene derivatives by gold-catalyzed intramolecular double C-C bond formation. <i>Organic Letters</i> , 2015 , 17, 676-9	6.2	31
207	Rhodium-catalyzed C-H bond activation/[4 + 2] annulation/aromatization cascade to produce phenol, naphthol, phenanthrenol, and triphenylenol derivatives. <i>Organic Letters</i> , 2012 , 14, 1492-5	6.2	31
206	Enantioselective synthesis of axially chiral hydroxy carboxylic acid derivatives by rhodium-catalyzed [2 + 2 + 2] cycloaddition. <i>Journal of Organic Chemistry</i> , 2011 , 76, 1926-9	4.2	31
205	Cationic rhodium(I)-dppf complex-catalyzed olefin isomerization/propargyl Claisen rearrangement/carbonyl migration cascade. <i>Journal of the American Chemical Society</i> , 2009 , 131, 10822-3	16.4	31
204	Rhodium-catalyzed reaction of thiols with polychloroalkanes in the presence of triethylamine. <i>Organic Letters</i> , 2005 , 7, 1537-9	6.2	31
203	Antidepressant-like effect of <i>Butea superba</i> in mice exposed to chronic mild stress and its possible mechanism of action. <i>Journal of Ethnopharmacology</i> , 2014 , 156, 16-25	5	30
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