

# Masahiro Murakami

## List of Publications by Year in descending order

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402  
papers

20,151  
citations

8181

76  
h-index

20358

116  
g-index

560  
all docs

560  
docs citations

560  
times ranked

8333  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-catalysed cleavage of carbon–carbon bonds. <i>Chemical Communications</i> , 2011, 47, 1100-1105.	4.1	470
2	Cleavage of Carbon–Carbon Single Bonds by Transition Metals. <i>Topics in Organometallic Chemistry</i> , 1999, , 97-129.	0.7	320
3	Potential of Metal-Catalyzed C–C Single Bond Cleavage for Organic Synthesis. <i>Journal of the American Chemical Society</i> , 2016, 138, 13759-13769.	13.7	281
4	Selective activation of carbon–carbon bonds next to a carbonyl group. <i>Nature</i> , 1994, 370, 540-541.	27.8	273
5	The Mukaiyama Aldol Reaction: 40 Years of Continuous Development. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9109-9118.	13.8	245
6	Asymmetric Synthesis of 3,4-Dihydrocoumarins by Rhodium-Catalyzed Reaction of 3-(2-Hydroxyphenyl)cyclobutanones. <i>Journal of the American Chemical Society</i> , 2007, 129, 12086-12087.	13.7	243
7	Nickel-catalysed denitrogenative alkyne insertion reactions of N-sulfonyl-1,2,3-triazoles. <i>Chemical Communications</i> , 2009, , 1470.	4.1	236
8	Formation of carbocycles through sequential carboration triggered by addition of organoborons. <i>Chemical Communications</i> , 2007, , 217-224.	4.1	233
9	Synthesis of $\alpha$ -Amino Ketones from Terminal Alkynes via Rhodium-Catalyzed Denitrogenative Hydration of <i>N</i> -Sulfonyl-1,2,3-triazoles. <i>Journal of the American Chemical Society</i> , 2012, 134, 194-196.	13.7	233
10	Intramolecular Dearomatizing [3 + 2] Annulation of $\alpha$ -Imino Carbenoids with Aryl Rings Furnishing 3,4-Fused Indole Skeletons. <i>Journal of the American Chemical Society</i> , 2014, 136, 2272-2275.	13.7	214
11	Catalyzed Intramolecular Olefin Insertion into a Carbon–Carbon Single Bond. <i>Journal of the American Chemical Society</i> , 2002, 124, 13976-13977.	13.7	211
12	Light-Driven Carboxylation of $\alpha$ -Alkylphenyl Ketones with CO <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2015, 137, 14063-14066.	13.7	205
13	Synthesis of Tertiary Propargylamines by Sequential Reactions of in Situ Generated Thioiminium Salts with Organolithium and -magnesium Reagents. <i>Journal of the American Chemical Society</i> , 2004, 126, 5968-5969.	13.7	190
14	Cleavage of Carbon–Carbon $\beta$ -Bonds of Four-Membered Rings. <i>Chemical Reviews</i> , 2021, 121, 264-299.	47.7	190
15	Nickel-Catalyzed Intermolecular Alkyne Insertion into Cyclobutanones. <i>Journal of the American Chemical Society</i> , 2005, 127, 6932-6933.	13.7	189
16	Breaking of the C–C Bond of Cyclobutanones by Rhodium(I) and Its Extension to Catalytic Synthetic Reactions. <i>Journal of the American Chemical Society</i> , 1996, 118, 8285-8290.	13.7	186
17	Synthesis of Enaminones by Rhodium-Catalyzed Denitrogenative Rearrangement of 1-( <i>N</i> -Sulfonyl-1,2,3-triazol-4-yl)alkanols. <i>Journal of the American Chemical Society</i> , 2012, 134, 17440-17443.	13.7	180
18	Synthesis of Pyridine–Borane Complexes via Electrophilic Aromatic Borylation. <i>Journal of Organic Chemistry</i> , 2010, 75, 8709-8712.	3.2	177

#	ARTICLE	IF	CITATIONS
19	Palladium- and Nickel-Catalyzed Intramolecular Cyanoboration of Alkynes. <i>Journal of the American Chemical Society</i> , 2003, 125, 6358-6359.	13.7	176
20	Pyridine-Directed Palladium-Catalyzed Phosphonation of C(sp <sup>2</sup> )-H Bonds. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9801-9804.	13.8	173
21	Eight-Membered Ring Construction by [4 + 2 + 2] Annulation Involving $\hat{I}^2$ -Carbon Elimination. <i>Journal of the American Chemical Society</i> , 2006, 128, 2166-2167.	13.7	172
22	One-Pot Procedure for the Introduction of Three Different Bonds onto Terminal Alkynes through $\hat{N}^1,2,3$ -Triazole Intermediates. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3883-3886.	13.8	165
23	Palladium-Catalyzed Addition of Cyanoboranes to Alkynes: Regio- and Stereoselective Synthesis of $\hat{I}^2$ -Unsaturated $\hat{N}^1$ -Boryl Nitriles. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2380-2382.	13.8	159
24	Synthesis of 1(2 <i>H</i> )-Isoquinolones by the Nickel-Catalyzed Denitrogenative Alkyne Insertion of 1,2,3-Benzotriazin-4(3 <i>H</i> )-ones. <i>Organic Letters</i> , 2008, 10, 3085-3088.	4.6	151
25	Atom- and Step-Economical Pathway to Chiral Benzobicyclo[2.2.2]octenones through Carbon-Carbon Bond Cleavage. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2485-2488.	13.8	149
26	Stereoselective Synthesis of 2,3-Dihydropyrroles from Terminal Alkynes, Azides, and $\hat{I}^2, \hat{I}^1$ -Unsaturated Aldehydes via $\hat{N}^1,2,3$ -Sulfonyl-1,2,3-triazoles. <i>Journal of the American Chemical Society</i> , 2013, 135, 13652-13655.	13.7	146
27	Enantioselective C-C Bond Cleavage Creating Chiral Quaternary Carbon Centers. <i>Organic Letters</i> , 2006, 8, 3379-3381.	4.6	144
28	Rhodium-Catalyzed Annulation Reactions of 2-Cyanophenylboronic Acid with Alkynes and Strained Alkenes. <i>Organic Letters</i> , 2005, 7, 3339-3341.	4.6	141
29	Enantioselective Insertion of a Carbenoid Carbon into a C-C Bond To Expand Cyclobutanols to Cyclopentanols. <i>Journal of the American Chemical Society</i> , 2014, 136, 7217-7220.	13.7	141
30	Ketone Synthesis by Intramolecular Acylation of Organorhodium(I) with Ester. <i>Journal of the American Chemical Society</i> , 2005, 127, 1390-1391.	13.7	140
31	Regiocontrolled Synthesis of Polysubstituted Pyrroles Starting from Terminal Alkynes, Sulfonyl Azides, and Allenes. <i>Organic Letters</i> , 2013, 15, 3298-3301.	4.6	138
32	Enantioselective Synthesis of 3,4-Dihydroisoquinolin-1(2 <i>H</i> )-ones by Nickel-Catalyzed Denitrogenative Annulation of 1,2,3-Benzotriazin-4(3 <i>H</i> )-ones with Allenes. <i>Journal of the American Chemical Society</i> , 2010, 132, 54-55.	13.7	133
33	Palladium(II) acetate-tert-alkyl isocyanide as a highly efficient catalyst for the inter- and intramolecular bis-silylation of carbon-carbon triple bonds. <i>Journal of Organic Chemistry</i> , 1991, 56, 1948-1951.	3.2	132
34	Stereoselective intramolecular bis-silylation of alkenes promoted by a palladium-isocyanide catalyst leading to polyol synthesis. <i>Journal of the American Chemical Society</i> , 1993, 115, 6487-6498.	13.7	132
35	A Light/Ketone/Copper System for Carboxylation of Allylic C-H Bonds of Alkenes with CO <sub>2</sub> . <i>Chemistry - A European Journal</i> , 2016, 22, 6524-6527.	3.3	131
36	Ruthenium-Mediated Regio- and Stereoselective Alkenylation of Pyridine. <i>Journal of the American Chemical Society</i> , 2003, 125, 4720-4721.	13.7	130

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37	Rhodium(I)-Catalyzed Successive Double Cleavage of Carbon-Carbon Bonds of Strained Spiro Cyclobutanones. <i>Journal of the American Chemical Society</i> , 1997, 119, 9307-9308.	13.7	128
38	Buttressing Salicylaldehydes: A Multipurpose Directing Group for C(sp <sup>3</sup> )-H Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1073-1076.	13.8	125
39	Synthesis of Silafluorenes by Iridium-Catalyzed [2 + 2 + 2] Cycloaddition of Silicon-Bridged Dienes with Alkynes. <i>Organic Letters</i> , 2007, 9, 133-136.	4.6	124
40	Cleavage of C-C and C-Si-Bonds and Their Intramolecular Exchange. <i>Journal of the American Chemical Society</i> , 2014, 136, 5912-5915.	13.7	124
41	Synthesis of <i>gem</i> -Difluoroalkenes via $\beta$ -Fluoride Elimination of Organorhodium(I). <i>Chemistry Letters</i> , 2008, 37, 1006-1007.	1.3	121
42	Rhodium-Catalyzed Ring Opening of Benzocyclobutenols with Site-Selectivity Complementary to Thermal Ring Opening. <i>Journal of the American Chemical Society</i> , 2012, 134, 17502-17504.	13.7	120
43	Stereoselective Restructuring of Arylcyclobutanols into Indanols by Sequential Breaking and Formation of Carbon-Carbon Bonds. <i>Chemistry - A European Journal</i> , 2009, 15, 12929-12931.	3.3	119
44	Iridium-Catalyzed [5 + 1] Cycloaddition: Allenylcyclopropane as a Five-Carbon Assembling Unit. <i>Journal of Organic Chemistry</i> , 1998, 63, 4-5.	3.2	114
45	Rhodium-Catalyzed Cyclization of 1,6-Enynes Triggered by Addition of Arylboronic Acids. <i>Journal of the American Chemical Society</i> , 2005, 127, 1094-1095.	13.7	114
46	Oxidative Addition of a Strained C-C Bond onto Electron-Rich Rhodium(I) at Room Temperature. <i>Journal of the American Chemical Society</i> , 2013, 135, 7142-7145.	13.7	110
47	Dehydrogenative Coupling of Benzylic and Aldehydic C-H Bonds. <i>Journal of the American Chemical Society</i> , 2020, 142, 3366-3370.	13.7	110
48	Asymmetric Synthesis of Planar Chiral Ferrocenes by Enantioselective Intramolecular C-H Arylation of <i>N</i> -(2-Haloaryl)ferrocenecarboxamides. <i>Organic Letters</i> , 2014, 16, 5336-5338.	4.6	109
49	Construction of Carbon Frameworks through $\beta$ -Carbon Elimination Mediated by Transition Metals. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 1315-1321.	3.2	107
50	Nickel-Catalyzed Regio- and Enantioselective Annulation Reactions of 1,2,3,4-Benzothiazine-1,1-dioxides with Allenes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4955-4957.	13.8	106
51	Enantioselective Polymerization of 1,2-Diisocyanobenzenes: Synthesis of Optically Active, Helical Poly(quinoxaline-2,3-diyl)s. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1509-1510.	4.4	105
52	Lactone Formation by Rhodium-Catalyzed C-C Bond Cleavage of Cyclobutanone. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2484-2486.	13.8	105
53	Rhodium-Catalyzed Addition/Ring-Opening Reaction of Arylboronic Acids with Cyclobutanones. <i>Organic Letters</i> , 2004, 6, 1257-1259.	4.6	105
54	Carboxylation of Benzylic and Aliphatic C-H Bonds with CO <sub>2</sub> Induced by Light/Ketone/Nickel. <i>Journal of the American Chemical Society</i> , 2019, 141, 19611-19615.	13.7	105

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55	Palladium-Catalyzed Intermolecular Exchange between C=C and C=Si $\sigma$ -Bonds. <i>Journal of the American Chemical Society</i> , 2017, 139, 12414-12417.	13.7	102
56	$\beta$ -Scission of Alkoxy Radicals in Synthetic Transformations. <i>Chemistry Letters</i> , 2017, 46, 1692-1700.	1.3	101
57	New living polymerization of 1,2-diisocyanoarenes via (quinoxaliny) palladium complexes. Synthesis of poly(2,3-quinoxaline). <i>Journal of the American Chemical Society</i> , 1990, 112, 6446-6447.	13.7	100
58	Enantioface-Selective Palladium-Catalyzed Silaboration of Allenes via Double Asymmetric Induction. <i>Journal of the American Chemical Society</i> , 2003, 125, 11174-11175.	13.7	100
59	Facile Synthesis of 2,5-Disubstituted Thiazoles from Terminal Alkynes, Sulfonyl Azides, and Thioesters. <i>Organic Letters</i> , 2015, 17, 2454-2457.	4.6	100
60	Rhodium-catalysed addition of arylboronic acids to oxabenzonorbornadienes Electronic supplementary information (ESI) available: experimental data. See <a href="http://www.rsc.org/suppdata/cc/b1/b108808d/">http://www.rsc.org/suppdata/cc/b1/b108808d/</a> . <i>Chemical Communications</i> , 2002, , 390-391.	4.1	99
61	A Reaction of Triazoles with Thioesters to Produce $\beta$ -Sulfanyl Enamides by Insertion of an Enamine Moiety into the Sulfur-Carbonyl Bond. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9967-9970.	13.8	99
62	Synthesis of Seven-Membered-Ring Ketones by Arylative Ring Expansion of Alkyne-Substituted Cyclobutanones. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4608-4611.	13.8	96
63	Palladium-Catalyzed Denitrogenation Reaction of 1,2,3-Benzotriazin-4(3 <i>H</i> )-ones Incorporating Isocyanides. <i>Organic Letters</i> , 2011, 13, 1429-1431.	4.6	92
64	Synthesis of Chiral <i>N</i> -Heterocyclic Carbene Ligands with Rigid Backbones and Application to the Palladium-Catalyzed Enantioselective Intramolecular $\beta$ -Arylation of Amides. <i>Organic Letters</i> , 2011, 13, 1666-1669.	4.6	91
65	Aminoboranes as $\sigma$ -Compatible $\sigma$ -Aluminum Ion Generators in Aminative C-C Bond Formations. <i>Journal of the American Chemical Society</i> , 2004, 126, 13196-13197.	13.7	87
66	Stereoselective Synthesis of $\beta$ -Allenols by Rhodium-Catalyzed Reaction of Alkynyl Oxiranes with Arylboronic Acids. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7101-7103.	13.8	87
67	Enantioselective Synthesis of <i>anti</i> -1,2-Oxaborinan-3-enes from Aldehydes and 1,1-Di(boryl)alk-3-enes Using Ruthenium and Chiral Phosphoric Acid Catalysts. <i>Journal of the American Chemical Society</i> , 2017, 139, 10903-10908.	13.7	86
68	Palladium-catalyzed insertion of isocyanides into the silicon-silicon linkages of oligosilanes. <i>Journal of the American Chemical Society</i> , 1991, 113, 8899-8908.	13.7	85
69	Enantioselective Synthesis of <i>anti</i> - $\beta$ -Boryl-Substituted <i>anti</i> -Homoallylic Alcohols Using Palladium and a Chiral Phosphoric Acid. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6989-6993.	13.8	85
70	Enantioselective Synthesis of <i>Anti</i> Homoallylic Alcohols from Terminal Alkynes and Aldehydes Based on Concomitant Use of a Cationic Iridium Complex and a Chiral Phosphoric Acid. <i>Journal of the American Chemical Society</i> , 2013, 135, 11497-11500.	13.7	84
71	Synthesis of <i>trans</i> -Cycloalkenes via Enantioselective Cyclopropanation and Skeletal Rearrangement. <i>Journal of the American Chemical Society</i> , 2014, 136, 15905-15908.	13.7	84
72	New Domino Sequences Involving Successive Cleavage of Carbon-Carbon and Carbon-Oxygen Bonds: $\%$ Discrete Product Selection Dictated by Catalyst Ligands. <i>Journal of the American Chemical Society</i> , 1998, 120, 9949-9950.	13.7	83

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73	Rhodium-Catalyzed Carbonylation of Spiropentanes. <i>Journal of the American Chemical Society</i> , 2007, 129, 12596-12597.	13.7	83
74	Rhodium-Catalyzed Intermolecular [4+2] Cycloaddition of Unactivated Substrates. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2248-2250.	13.8	82
75	1,5-Rhodium Shift in Rearrangement of <i>N</i> -Arenesulfonylazetidins into Benzosultams. <i>Journal of the American Chemical Society</i> , 2013, 135, 19103-19106.	13.7	82
76	Catalytic Asymmetric [4 + 1] Cycloaddition of Vinylallenes with Carbon Monoxide: Reversal of the Induced Chirality by the Choice of Metal. <i>Journal of the American Chemical Society</i> , 1999, 121, 4130-4135.	13.7	80
77	Nickel-catalysed intramolecular alkene insertion into cyclobutanones. <i>Chemical Communications</i> , 2006, , 4599.	4.1	80
78	Doyle's Kirmse Reaction Using Triazoles Leading to One-pot Multifunctionalization of Terminal Alkynes. <i>Chemistry Letters</i> , 2013, 42, 1308-1310.	1.3	79
79	Intramolecular bis-silylation of carbon-carbon double bonds leading to stereoselective synthesis of 1,2,4-triols. <i>Journal of the American Chemical Society</i> , 1991, 113, 3987-3988.	13.7	78
80	Stereoselective Synthesis of Isomeric Functionalized 1,3-Dienes from Cyclobutenones. <i>Journal of the American Chemical Society</i> , 2001, 123, 6441-6442.	13.7	77
81	New Catalyzed Three-Component Cycloadditions for the Synthesis of Eight-Membered Carbocycles. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 718-720.	13.8	76
82	Ruthenium-Catalyzed <i>trans</i> -Hydrogermylation of Alkynes: Formation of 2,5-Disubstituted Germoles through Double <i>trans</i> -Hydrogermylation of 1,3-Diynes. <i>Organic Letters</i> , 2010, 12, 1056-1058.	4.6	75
83	Nickel-Catalyzed Denitrogenative Annulation Reactions of 1,2,3-Benzotriazin-4(3 <i>H</i> )-ones with 1,3-Dienes and Alkenes. <i>Journal of Organic Chemistry</i> , 2010, 75, 5359-5362.	3.2	75
84	Photocatalyzed <i>ortho</i> -Alkylation of Pyridine <i>N</i> -Oxides through Alkene Cleavage. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5139-5142.	13.8	75
85	Ruthenium-catalysed double <i>trans</i> -hydrosilylation of 1,4-diarylbuta-1,3-diynes leading to 2,5-diarylsiloles. <i>Chemical Communications</i> , 2007, , 2627.	4.1	74
86	TRITYL SALTS AS EFFICIENT CATALYSTS IN THE ALDOL REACTION. <i>Chemistry Letters</i> , 1985, 14, 1535-1538.	1.3	73
87	Enantioselective [2 + 2 + 2] Cycloaddition Reaction of Isocyanates and Allenes Catalyzed by Nickel. <i>Journal of the American Chemical Society</i> , 2010, 132, 15836-15838.	13.7	73
88	Palladium-Catalyzed Sequential Carbon-Carbon Bond Cleavage/Formation Producing Arylated Benzolactones. <i>Organic Letters</i> , 2008, 10, 5219-5221.	4.6	72
89	Copper-Catalyzed Amination of Silyl Ketene Acetals with <i>N</i> -Chloroamines. <i>Organic Letters</i> , 2012, 14, 5214-5217.	4.6	72
90	Generation and alkylation of carbanions .alpha. to the nitrogen of amines by a new metallation procedure. <i>Journal of Organic Chemistry</i> , 1992, 57, 793-794.	3.2	71

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91	Stereoselective Synthesis of 3-Alkylideneoxindoles by Rhodium-Catalyzed Cyclization Reaction of 2-Alkynylaryl Isocyanates with Aryl- and Alkenylboronic Acids. <i>Organic Letters</i> , 2007, 9, 5075-5077.	4.6	71
92	AN EFFICIENT METHOD FOR THE PREPARATION OF THREOCROSS-ALDOLS FROM SILYL ENOL ETHERS AND ALDEHYDES USING TRITYL PERCHLORATE AS A CATALYST. <i>Chemistry Letters</i> , 1985, 14, 447-450.	1.3	70
93	New Synthesis of Quinoxaline Derivatives Based on Palladium Catalyzed Oligomerization of 1,2-Diisocyanoarenes. <i>Heterocycles</i> , 1996, 42, 597.	0.7	70
94	Synthesis of acylsilanes via silastannation of alkynes by a palladium-isocyanide catalyst. <i>Organometallics</i> , 1993, 12, 4223-4227.	2.3	69
95	$sp^3$ vs $sp^2$ vs $sp^3$ C Site Selectivity in Rh-Catalyzed Ring Opening of Benzocyclobutenol: A DFT Study. <i>Journal of the American Chemical Society</i> , 2014, 136, 169-178.	13.7	69
96	Ring-opening Fluorination of Cyclobutanols and Cyclopropanols Catalyzed by Silver. <i>Chemistry Letters</i> , 2015, 44, 821-823.	1.3	69
97	Synthesis of $\alpha$ -keto esters by the rhodium-catalyzed reaction of cyanofornate with arylboronic acids. <i>Chemical Communications</i> , 2007, , 2855-2857.	4.1	68
98	Syntheses and Interconversion of [Bis(silyl)alkene]palladium(0) and Bis(silyl)palladium(II) Complexes: A Mechanistic Model for Palladium-Catalyzed Bis-Silylation. <i>Organometallics</i> , 1994, 13, 2900-2902.	2.3	67
99	Rhodium-Catalyzed Asymmetric [4 + 1] Cycloaddition. <i>Journal of the American Chemical Society</i> , 1997, 119, 2950-2951.	13.7	67
100	A Silyl Substituent Can Dictate a Concerted Electrocyclic Pathway: Inward Torquoselectivity in the Ring Opening of 3-Silyl-1-cyclobutene. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 189-190.	13.8	66
101	40 Jahre Mukaiyama-Aldolreaktion: eine Erfolgsgeschichte. <i>Angewandte Chemie</i> , 2013, 125, 9280-9289.	2.0	65
102	Rhodium-catalyzed substitutive arylation of cis-allylic diols with arylboroxines. <i>Chemical Communications</i> , 2007, , 595-597.	4.1	64
103	Direct Production of Enaminones from Terminal Alkynes via Rhodium-Catalyzed Reaction of Formamides with <i>N</i> -Sulfonyl-1,2,3-triazoles. <i>Organic Letters</i> , 2014, 16, 2760-2763.	4.6	64
104	Directed Intermolecular [4 + 2] Cycloaddition of Unactivated 1,3-Diene Substrates with High Regio- and Stereoselectivities. <i>Journal of the American Chemical Society</i> , 1997, 119, 7163-7164.	13.7	63
105	Stereoselective Synthesis of ( <i>E</i> )-(Trisubstituted alkenyl)borinic Esters: Stereochemistry Reversed by Ligand in the Palladium-Catalyzed Reaction of Alkynylborates with Aryl Halides. <i>Organic Letters</i> , 2009, 11, 5434-5437.	4.6	63
106	Ruthenium-catalyzed coupling of unactivated olefins with unactivated alkynes. <i>Tetrahedron Letters</i> , 1998, 39, 7361-7364.	1.4	62
107	Synthesis, Structure, and Reaction of the First Thermally Stable cis-(Silyl)(stannyl)palladium(II) Complex. <i>Journal of the American Chemical Society</i> , 1995, 117, 6408-6409.	13.7	60
108	A Study of the Stereochemical Course of $\beta$ -Oxygen Elimination with a Rhodium(I) Complex. <i>Helvetica Chimica Acta</i> , 2002, 85, 4182-4188.	1.6	60

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109	Intramolecular nucleophilic addition of an organorhodium(i) to a nitrile. <i>Chemical Communications</i> , 2005, , 2855.	4.1	60
110	Gold-catalysed intramolecular trans-allylsilylation of alkynes forming 3-allyl-1-silaindenes. <i>Chemical Communications</i> , 2008, , 2744.	4.1	60
111	TRITYL PERCHLORATE AS AN EFFICIENT CATALYST IN THE ALDOL-TYPE REACTION. <i>Chemistry Letters</i> , 1984, 13, 1759-1762.	1.3	59
112	Theoretical Study on the Reaction Mechanism and Regioselectivity of Silastannation of Acetylenes with a Palladium Catalyst. <i>Journal of the American Chemical Society</i> , 1994, 116, 8754-8765.	13.7	59
113	Reactivity Change of Cyclobutanols towards Isocyanates: Rhodium Favors $C \rightarrow O$ Carbamoylation over $O \rightarrow C$ Carbamoylation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11875-11878.	13.8	59
114	anion. <i>Journal of the American Chemical Society</i> , 1990, 112, 2437-2439.	13.7	58
115	A Study on Rhodium $\pi$ -Vinylallene Complexes Leading to a New Reaction, Rhodium-Catalyzed Carbonylative [4 + 1] Cycloaddition. <i>Angewandte Chemie International Edition in English</i> , 1996, 34, 2691-2694.	4.4	58
116	Eight-membered Ring Formation via Olefin Insertion into a Carbon $\pi$ -Carbon Single Bond. <i>Chemistry Letters</i> , 2004, 33, 876-877.	1.3	57
117	Rhodium $\pi$ -Catalyzed Dehydrogenative Borylation of Aliphatic Terminal Alkenes with Pinacolborane. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12659-12663.	13.8	57
118	Synthesis of 1H-Inden-1-ol Derivatives via Rhodium-catalyzed Annulation of $\alpha$ -Acylphenylboronic Acids with Alkynes. <i>Chemistry Letters</i> , 2005, 34, 1416-1417.	1.3	56
119	Vinylcyclopropanation of Olefins via 3-Methoxy-1-propenylrhodium(I). <i>Journal of the American Chemical Society</i> , 2006, 128, 2516-2517.	13.7	56
120	One $\pi$ -Pot Synthesis of 2,5 $\alpha$ -Dihydropyrroles from Terminal Alkynes, Azides, and Propargylic Alcohols by Relay Actions of Copper, Rhodium, and Gold. <i>Chemistry - A European Journal</i> , 2014, 20, 16078-16082.	3.3	56
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