

Fumitoshi Kakiuchi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

113
papers

10,407
citations

50
h-index

101
g-index

120
ext. papers

11,124
ext. citations

7.2
avg, IF

6.33
L-index

#	Paper	IF	Citations
113	Palladium-Catalyzed Remote Diborylative Cyclization of Dienes with Diborons via Chain Walking. <i>Journal of the American Chemical Society</i> , 2021 , 143, 19275-19281	16.4	2
112	2:1 versus 1:1 Coupling of Alkylacetylenes with Secondary Amines: Selectivity Switching in 8-Quinolinolato Rhodium Catalysis. <i>Organic Letters</i> , 2021 , 23, 3803-3808	6.2	3
111	Iron-Catalyzed Ortho C-H Homoallylation of Aromatic Ketones with Methylene-cyclopropanes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 4543-4549	16.4	7
110	Palladium-Catalyzed Aromatic C-H Functionalizations Utilizing Electrochemical Oxidations. <i>Chemical Record</i> , 2021 , 21, 2320-2331	6.6	3
109	Remote Arylative Substitution of Alkenes Possessing an Acetoxy Group via β -Acetoxy Elimination. <i>Angewandte Chemie</i> , 2021 , 133, 24705	3.6	0
108	Rhodium-Catalyzed Anti-Markovnikov Hydroamination of Aliphatic and Aromatic Terminal Alkynes with Aliphatic Primary Amines. <i>Journal of Organic Chemistry</i> , 2021 , 86, 13143-13152	4.2	2
107	Remote Arylative Substitution of Alkenes Possessing an Acetoxy Group via β -Acetoxy Elimination. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 24500-24504	16.4	1
106	Anti-Markovnikov Addition of Anilines to Aliphatic Terminal Alkynes Catalyzed by an 8-Quinolinolato Rhodium Complex. <i>Helvetica Chimica Acta</i> , 2021 , 104, e2100125	2	1
105	Efficient Synthesis of Polycyclic Aromatic Hydrocarbons Using Unreactive Bonds 2021 , 189-201		
104	Carbon-Carbon Bond Formation via Catalytically Generated Aminocarbene Complexes: Rhodium-Catalyzed Hydroaminative Cyclization of Enynes with Secondary Amines. <i>Angewandte Chemie</i> , 2020 , 132, 11852-11855	3.6	
103	Catalytic, Directed C-C Bond Functionalization of Styrenes. <i>Journal of the American Chemical Society</i> , 2020 , 142, 7345-7349	16.4	15
102	In Situ Generation of Ruthenium Carbonyl Phosphine Complexes as a Versatile Method for the Development of Enantioselective C-O Bond Arylation. <i>Chemistry - A European Journal</i> , 2020 , 26, 1737-1741 ⁸	4.8	3
101	Titelbild: Carbon-Carbon Bond Formation via Catalytically Generated Aminocarbene Complexes: Rhodium-Catalyzed Hydroaminative Cyclization of Enynes with Secondary Amines (Angew. Chem. 29/2020). <i>Angewandte Chemie</i> , 2020 , 132, 11769-11769	3.6	0
100	New Strategy for Catalytic Oxidative C-H Functionalization: Efficient Combination of Transition-metal Catalyst and Electrochemical Oxidation. <i>Chemistry Letters</i> , 2020 , 49, 1256-1269	1.7	12
99	Carbon-Carbon Bond Formation via Catalytically Generated Aminocarbene Complexes: Rhodium-Catalyzed Hydroaminative Cyclization of Enynes with Secondary Amines. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11754-11757	16.4	5
98	Efficient synthesis of 3,6,13,16-tetrasubstituted-tetrabenzo[<i>a,h</i>]coronenes by selective C-H/C-O arylations of anthraquinone derivatives. <i>Beilstein Journal of Organic Chemistry</i> , 2020 , 16, 544-550	2.5	1
97	Selective Monoarylation of Aromatic Ketones via C-H Bond Cleavage by Trialkylphosphine Ruthenium Catalysts. <i>Journal of Organic Chemistry</i> , 2019 , 84, 12975-12982	4.2	3

96	Iron-Catalyzed Ortho-Selective C _H Alkylation of Aromatic Ketones with N-Alkenylindoles and Partial Indolylolation via 1,4-Iron Migration. <i>Asian Journal of Organic Chemistry</i> , 2019 , 8, 1115-1117	3	11
95	Metal-Catalyzed Sequential Formation of Distant Bonds in Organic Molecules: Palladium-Catalyzed Hydrosilylation/Cyclization of 1, <i>n</i> -Dienes by Chain Walking. <i>Angewandte Chemie</i> , 2019 , 131, 5315-5319	3.6	8
94	Synthesis of N-Arylpyrazoles by Palladium-Catalyzed Coupling of Aryl Triflates with Pyrazole Derivatives. <i>Journal of Organic Chemistry</i> , 2019 , 84, 6508-6515	4.2	12
93	Metal-Catalyzed Sequential Formation of Distant Bonds in Organic Molecules: Palladium-Catalyzed Hydrosilylation/Cyclization of 1, <i>n</i> -Dienes by Chain Walking. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5261-5265	16.4	23
92	Nondissociative chain walking as a strategy in catalytic organic synthesis. <i>Tetrahedron Letters</i> , 2019 , 60, 150938	2	39
91	Palladium-Catalyzed C _H Iodination of N-(8-Quinolinylnyl)benzamide Derivatives Under Electrochemical and Non-Electrochemical Conditions. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 1311-1314	3.14	7
90	Selective Long-Distance Isomerization of Terminal Alkenes via Nondissociative Chain Walking. <i>Journal of Organic Chemistry</i> , 2018 , 83, 9322-9333	4.2	23
89	Catalytic Reactions of Terminal Alkynes Using Rhodium(I) Complexes Bearing 8-Quinolinate Ligands. <i>ACS Catalysis</i> , 2018 , 8, 6127-6137	13.1	15
88	Direct Alkenylation of Allylbenzenes via Chelation-Assisted C-C Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2018 , 140, 9788-9792	16.4	55
87	Oligothiophene quinoids containing a benzo[<i>c</i>]thiophene unit for the stabilization of the quinoidal electronic structure. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 7493-7500	7.1	26
86	Selective Monoarylation of Aromatic Ketones and Esters via Cleavage of Aromatic Carbon-Heteroatom Bonds by Trialkylphosphine Ruthenium Catalysts. <i>Organic Letters</i> , 2017 , 19, 794-797	6.2	24
85	Ruthenium-Catalyzed Ortho C-H Arylation of Aromatic Nitriles with Arylboronates and Observation of Partial Para Arylation. <i>Journal of Organic Chemistry</i> , 2017 , 82, 6503-6510	4.2	17
84	Iron-Catalyzed Regioselective Anti-Markovnikov Addition of C-H Bonds in Aromatic Ketones to Alkenes. <i>Journal of the American Chemical Society</i> , 2017 , 139, 14849-14852	16.4	50
83	Formation of β -Monosubstituted Propargylamines from Terminal Alkynes and Secondary Amines Using a (PNO)Rh/Cu Tandem Catalyst System. <i>Chemistry Letters</i> , 2017 , 46, 1620-1623	1.7	10
82	Palladium-Catalyzed ortho-Selective C-H Chlorination of Benzamide Derivatives under Anodic Oxidation Conditions. <i>Journal of Organic Chemistry</i> , 2017 , 82, 8716-8724	4.2	67
81	Synthesis of Fluorine-Containing Tetraarylanthracenes via Ruthenium-Catalyzed C _D or C _B Arylation and their Crystal Structures. <i>Synlett</i> , 2017 , 28, 2609-2613	2.2	6
80	Selective C _H Functionalizations by Electrochemical Reactions with Palladium Catalysts. <i>Israel Journal of Chemistry</i> , 2017 , 57, 953-963	3.4	16
79	Synthesis of Dibenzo[<i>h,rst</i>]pentaphenes and Dibenzo[<i>fg,qr</i>]pentacenes by the Chemoselective C-O Arylation of Dimethoxyanthraquinones. <i>Organic Letters</i> , 2017 , 19, 3791-3794	6.2	8

78	Syntheses of RuHCl(CO)(PAr ₃) ₃ and RuH ₂ (CO)(PAr ₃) ₃ Containing Various Triarylphosphines and Their Use for Arylation of Sterically Congested Aromatic C-H Bonds. <i>Organometallics</i> , 2017 , 36, 159-164	3.8	21
77	Ruthenium-Catalyzed Cross-Coupling of Maleimides with Alkenes. <i>Organic Letters</i> , 2016 , 18, 4598-601	6.2	24
76	Chain-walking Cycloisomerization of 1,n-Dienes Catalyzed by Pyridine-Oxazoline Palladium Catalysts and Its Application to Asymmetric Synthesis. <i>Chemistry Letters</i> , 2016 , 45, 297-299	1.7	17
75	Synthesis and Reactivity of Phosphine-Quinolinolato Rhodium Complexes: Intermediacy of Vinylidene and (Amino)carbene Complexes in the Catalytic Hydroamination of Terminal Alkynes. <i>Organometallics</i> , 2016 , 35, 4112-4125	3.8	13
74	Catalytic Formation of Aryl Ketones by C-H Functionalization with Cyclic Alkenyl Carbonates and One-Pot Synthesis of Isocoumarins. <i>Organic Letters</i> , 2015 , 17, 4850-3	6.2	52
73	Ruthenium-Catalyzed Monoalkenylation of Aromatic Ketones by Cleavage of Carbon-Heteroatom Bonds with Unconventional Chemoselectivity. <i>Angewandte Chemie</i> , 2015 , 127, 9425-9429	3.6	4
72	Ruthenium-Catalyzed Monoalkenylation of Aromatic Ketones by Cleavage of Carbon-Heteroatom Bonds with Unconventional Chemoselectivity. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9293-7	16.4	35
71	Chelation-Assisted Catalytic C-C, C-Si, and C-Halogen Bond Formation by Substitution via the Cleavage of C(sp ²)-H and C(sp ³)-H Bonds. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2015 , 73, 1099-1110	0.2	4
70	Chain Walking as a Strategy for Carbon-Carbon Bond Formation at Unreactive Sites in Organic Synthesis: Catalytic Cycloisomerization of Various 1,n-Dienes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 16163-71	16.4	75
69	Oxidative Protonolysis of the Expanded Central C-C Bond in a Di(spiroacridan)-type Hexaphenylethane Derivative Accompanied by UV-vis, FL, and CD Spectral Changes. <i>Chemistry Letters</i> , 2014 , 43, 887-889	1.7	14
68	Ruthenium-catalyzed Ortho-selective Aromatic C-H Alkenylation with Alkenyl Carbonates. <i>Chemistry Letters</i> , 2014 , 43, 667-669	1.7	11
67	Chelation-Assisted Regioselective Catalytic Functionalization of C-H, C=O, C=N and C=C Bonds. <i>Synlett</i> , 2014 , 25, 2390-2414	2.2	80
66	Palladium-Catalyzed Regioselective Homocoupling of Arenes Using Anodic Oxidation: Formal Electrolysis of Aromatic Carbon-Hydrogen Bonds. <i>Organometallics</i> , 2014 , 33, 6704-6707	3.8	81
65	Substituent Effects on Stoichiometric and Catalytic Cleavage of Carbon-Nitrogen Bonds in Aniline Derivatives by Ruthenium-Phosphine Complexes. <i>Organometallics</i> , 2013 , 32, 682-690	3.8	37
64	Ruthenium-catalyzed reductive deamination and tandem alkylation of aniline derivatives. <i>Journal of Organometallic Chemistry</i> , 2013 , 741-742, 148-152	2.3	23
63	Rhodium-catalyzed intermolecular [2 + 2] cycloaddition of terminal alkynes with electron-deficient alkenes. <i>Organic Letters</i> , 2013 , 15, 1024-7	6.2	54
62	Rhodium-Catalyzed Dimerization of Arylacetylenes and Addition of Malonates to 1,3-Enynes. <i>Synthesis</i> , 2013 , 45, 2088-2092	2.9	15
61	Copper-Catalyzed Electrochemical Chlorination of 1,3-Dicarbonyl Compounds Using Hydrochloric Acid. <i>Asian Journal of Organic Chemistry</i> , 2013 , 2, 935-937	3	20

60	Development and Application of Efficient Methods for Extension of π -Conjugated Systems by Catalytic Substitution Reactions via Chelation-Assisted Cleavage of Unreactive Aromatic Carbon Bonds. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2013 , 71, 588-600	0.2	2
59	Chain-walking strategy for organic synthesis: catalytic cycloisomerization of 1,n-dienes. <i>Journal of the American Chemical Society</i> , 2012 , 134, 16544-7	16.4	119
58	Catalytic electrochemical C-H iodination and one-pot arylation by ON/OFF switching of electric current. <i>Journal of Organic Chemistry</i> , 2012 , 77, 7718-24	4.2	97
57	Short synthesis of alkyl-substituted acenes using carbonyl-directed C-H and C-O functionalization. <i>Organic Letters</i> , 2012 , 14, 3882-5	6.2	25
56	Rhodium-catalyzed anti-Markovnikov addition of secondary amines to arylacetylenes at room temperature. <i>Organic Letters</i> , 2011 , 13, 3928-31	6.2	35
55	Rhodium-catalyzed anti-Markovnikov intermolecular hydroalkoxylation of terminal acetylenes. <i>Journal of the American Chemical Society</i> , 2011 , 133, 32-4	16.4	79
54	Convenient Synthesis of Dibenzo[a,h]anthracenes and Picenes via C-H Arylation of Acetophenones with Arenediboronates. <i>Chemistry Letters</i> , 2011 , 40, 300-302	1.7	35
53	Ruthenium-catalyzed arylation of fluorinated aromatic ketones via ortho-selective carbon-fluorine bond cleavage. <i>Tetrahedron Letters</i> , 2011 , 52, 5888-5890	2	28
52	Ruthenium-catalyzed conversion of sp^3 C-O bonds in ethers to C-C bonds using triarylboroxines. <i>Organic Letters</i> , 2011 , 13, 3254-7	6.2	34
51	Room-temperature regioselective C-H/olefin coupling of aromatic ketones using an activated ruthenium catalyst with a carbonyl ligand and structural elucidation of key intermediates. <i>Journal of the American Chemical Society</i> , 2010 , 132, 17741-50	16.4	95
50	Control of product selectivity by a styrene additive in ruthenium-catalyzed C-H arylation. <i>Organic Letters</i> , 2010 , 12, 5318-21	6.2	37
49	$RuH_2(CO)(PPh_3)_3$ -catalyzed arylation of aromatic esters using arylboronates via C-H bond cleavages. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 1163-1167	2.3	21
48	Ruthenium-Catalyzed Arylation of Ortho C-H Bond in an Aromatic with an Arylboronate: 8-Phenyl-1-Tetralone 2010 , 209-217		1
47	Convenient synthesis of tetra- and hexaarylanthracenes by means of $RuH_2(CO)(PPh_3)_3$ -catalyzed C-H arylation of anthraquinone with arylboronates. <i>Organic Letters</i> , 2009 , 11, 1951-4	6.2	54
46	Unique effect of coordination of an alkene moiety in products on ruthenium-catalyzed chemoselective C-H alkenylation. <i>Organic Letters</i> , 2009 , 11, 855-8	6.2	32
45	Cleavage of C-N bonds in aniline derivatives on a ruthenium center and its relevance to catalytic C-C bond formation. <i>Journal of the American Chemical Society</i> , 2009 , 131, 7238-9	16.4	106
44	Palladium-catalyzed aromatic C-H halogenation with hydrogen halides by means of electrochemical oxidation. <i>Journal of the American Chemical Society</i> , 2009 , 131, 11310-1	16.4	262
43	Transition-Metal-Catalyzed Carbon-Carbon Bond Formation via Carbon-Hydrogen Bond Cleavage. <i>Synthesis</i> , 2008 , 2008, 3013-3039	2.9	724

42	Regioselective alkenylation of aromatic ketones with alkenylboronates using a RuH ₂ (CO)(PPh ₃) ₃ catalyst via carbon-hydrogen bond cleavage. <i>Journal of Organic Chemistry</i> , 2007 , 72, 3600-2	4.2	43
41	Catalytic Addition of C-H Bonds to C≡C Multiple Bonds. <i>Topics in Organometallic Chemistry</i> , 2007 , 1-33	0.6	58
40	The Ru(cod)(cot)-catalyzed alkenylation of aromatic C-H bonds with alkenyl acetates. <i>Journal of the American Chemical Society</i> , 2007 , 129, 9858-9	16.4	142
39	Ruthenium-catalyzed carbon-carbon bond formation via the cleavage of an unreactive aryl carbon-nitrogen bond in aniline derivatives with organoboronates. <i>Journal of the American Chemical Society</i> , 2007 , 129, 6098-9	16.4	160
38	Direct observation of the oxidative addition of the aryl carbon-oxygen bond to a ruthenium complex and consideration of the relative reactivity between aryl carbon-oxygen and aryl carbon-hydrogen bonds. <i>Journal of the American Chemical Society</i> , 2006 , 128, 16516-7	16.4	156
37	Alkylation and Allylation Adjacent to a Carbonyl Group 2005 , 13-33		
36	Ruthenium-Catalyzed Reactions via sp ² C-H, sp ² C-H, sp ³ C-H, and C-Halogen Bond Activations 2005 , 219-255		5
35	A RuH ₂ (CO)(PPh ₃) ₃ -catalyzed regioselective arylation of aromatic ketones with arylboronates via carbon-hydrogen bond cleavage. <i>Journal of the American Chemical Society</i> , 2005 , 127, 5936-45	16.4	256
34	Activation of Inert C-H Bonds. <i>Topics in Organometallic Chemistry</i> , 2004 , 45-79	0.6	34
33	Ruthenium- and rhodium-catalyzed direct carbonylation of the ortho C-H bond in the benzene ring of N-arylpyrazoles. <i>Journal of Organic Chemistry</i> , 2004 , 69, 4433-40	4.2	72
32	Ru ₃ (CO) ₁₂ -catalyzed silylation of benzylic C-H bonds in arylpyridines and arylpyrazoles with hydrosilanes via C-H bond cleavage. <i>Journal of the American Chemical Society</i> , 2004 , 126, 12792-3	16.4	146
31	Ruthenium-catalyzed functionalization of aryl carbon-oxygen bonds in aromatic ethers with organoboron compounds. <i>Journal of the American Chemical Society</i> , 2004 , 126, 2706-7	16.4	214
30	Catalytic Methods for C-H Bond Functionalization: Application in Organic Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2003 , 345, 1077-1101	5.6	993
29	The ruthenium-catalyzed silylation of aromatic C-H bonds with triethylsilane. <i>Journal of Organometallic Chemistry</i> , 2003 , 686, 134-144	2.3	116
28	A ruthenium-catalyzed reaction of aromatic ketones with arylboronates: a new method for the arylation of aromatic compounds via C-H bond cleavage. <i>Journal of the American Chemical Society</i> , 2003 , 125, 1698-9	16.4	313
27	Ruthenium-Catalyzed Alkylation of Aromatic Ketones with Olefins: 8-[2-(Triethoxysilyl)Ethyl]-1-Tetralone 2003 , 104-110		
26	Ruthenium-catalyzed addition of olefinic C-H bonds in conjugate enones to acetylenes to give conjugate dienones. <i>Journal of Molecular Catalysis A</i> , 2002 , 182-183, 511-514		64
25	A New Chelation-Assistance Mode for a Ruthenium-Catalyzed Silylation at the C-H Bond in Aromatic Ring with Hydrosilanes. <i>Chemistry Letters</i> , 2002 , 31, 396-397	1.7	108

24	Catalytic C-H/olefin coupling. <i>Accounts of Chemical Research</i> , 2002 , 35, 826-34	24.3	954
23	Mechanistic Study of the Ru(H) ₂ (CO)(PPh ₃) ₃ -Catalyzed Addition of C-H Bonds in Aromatic Esters to Olefins. <i>Chemistry Letters</i> , 2001 , 30, 918-919	1.7	62
22	Ruthenium-Catalyzed Dehydrogenative Silylation of Aryloxazolines with Hydrosilanes via C-H Bond Cleavage. <i>Chemistry Letters</i> , 2001 , 30, 422-423	1.7	87
21	Ru ₃ (CO) ₁₂ -catalyzed coupling reaction of sp ³ C-H bonds adjacent to a nitrogen atom in alkylamines with alkenes. <i>Journal of the American Chemical Society</i> , 2001 , 123, 10935-41	16.4	293
20	A New Synthetic Route to Heteroarylsilanes via Ruthenium-Catalyzed C-H/SiR ₃ Coupling. <i>Chemistry Letters</i> , 2000 , 29, 750-751	1.7	54
19	Atropselective alkylation of biaryl compounds by means of transition metal-catalyzed C-H/olefin coupling. <i>Tetrahedron: Asymmetry</i> , 2000 , 11, 2647-2651		182
18	Carbonylation at sp ³ C-H Bonds Adjacent to a Nitrogen Atom in Alkylamines Catalyzed by Rhodium Complexes. <i>Journal of the American Chemical Society</i> , 2000 , 122, 12882-12883	16.4	165
17	Ru ₃ (CO) ₁₂ -Catalyzed Decarbonylative Cleavage of a C-H Bond of Alkyl Phenyl Ketones. <i>Journal of the American Chemical Society</i> , 1999 , 121, 8645-8646	16.4	140
16	Ruthenium-Catalyzed Coupling of Aromatic Carbon-Hydrogen Bonds in Aromatic Imidates with Olefins. <i>Chemistry Letters</i> , 1999 , 28, 19-20	1.7	56
15	The Ruthenium-Catalyzed Addition of C-H Bonds in Aromatic Nitriles to Olefins. <i>Chemistry Letters</i> , 1999 , 28, 1083-1084	1.7	79
14	Activation of C-H Bonds: Catalytic Reactions. <i>Topics in Organometallic Chemistry</i> , 1999 , 47-79	0.6	158
13	Ru ₃ (CO) ₁₂ - and Rh ₄ (CO) ₁₂ -Catalyzed Reactions of Pyridylolefins or N-(2-Pyridyl)enamines with CO and Olefins. Carbonylation at Olefinic C-H Bonds. <i>Journal of Organic Chemistry</i> , 1998 , 63, 5129-5136	4.2	46
12	Transition Metal-Catalyzed Intramolecular Cyclization of 1,5- and 1,6-Dienes via Direct Cleavage and Addition of the Carbon-Hydrogen Bond. <i>Bulletin of the Chemical Society of Japan</i> , 1998 , 71, 285-298	5.1	69
11	Ruthenium-Catalyzed Addition of Carbon-Hydrogen Bonds in Aromatic Ketones to Olefins. The Effect of Various Substituents at the Aromatic Ring. <i>Bulletin of the Chemical Society of Japan</i> , 1997 , 70, 3117-3128	5.1	118
10	A New Synthetic Method for the Preparation of Indenones from Aromatic Imines. Ru ₃ (CO) ₁₂ -Catalyzed Carbonylation at an ortho C-H Bond in the Aromatic Imines. <i>Journal of Organic Chemistry</i> , 1997 , 62, 5647-5650	4.2	79
9	Ru ₃ (CO) ₁₂ -Catalyzed Reaction of Pyridylbenzenes with Carbon Monoxide and Olefins. Carbonylation at a C-H Bond in the Benzene Ring. <i>Journal of Organic Chemistry</i> , 1997 , 62, 2604-2610	4.2	129
8	Catalytic Dimerization of Acrylonitrile. <i>Organometallics</i> , 1997 , 16, 2233-2235	3.8	45
7	Rhodium-Catalyzed Reaction of N-(2-Pyridinyl)piperazines with CO and Ethylene. A Novel Carbonylation at a C-H Bond in the Piperazine Ring. <i>Organometallics</i> , 1997 , 16, 3615-3622	3.8	80

6	Ru ₃ (CO) ₁₂ -Catalyzed Coupling of Heteroaromatic C-H/CO/Olefins. Regioselective Acylation of the Imidazole Ring. <i>Journal of the American Chemical Society</i> , 1996 , 118, 493-494	16.4	139
5	Ruthenium-Catalyzed Addition of Aromatic Esters at the ortho C-H Bonds to Olefins. <i>Chemistry Letters</i> , 1996 , 25, 109-110	1.7	70
4	Ruthenium-Catalyzed Addition of Aromatic Imines at the ortho C-H Bonds to Olefins. <i>Chemistry Letters</i> , 1996 , 25, 111-112	1.7	100
3	Catalytic Addition of Aromatic C-H Bonds to Acetylenes. <i>Chemistry Letters</i> , 1995 , 24, 681-682	1.7	157
2	Catalytic Addition of Aromatic Carbon-Hydrogen Bonds to Olefins with the Aid of Ruthenium Complexes. <i>Bulletin of the Chemical Society of Japan</i> , 1995 , 68, 62-83	5.1	304
1	Efficient catalytic addition of aromatic carbon-hydrogen bonds to olefins. <i>Nature</i> , 1993 , 366, 529-531	50.4	1120