Fumitoshi Kakiuchi

List of Publications by Year
in descending order

110 papers	11,766 citations	34016 52 h-index	26548 107 g-index
120 all docs	120 docs citations	120 times ranked	5077 citing authors

#	Article	IF	Citations
1	Efficient catalytic addition of aromatic carbon-hydrogen bonds to olefins. Nature, 1993, 366, 529-531.	13.7	1,273
2	Catalytic Câ^'H/Olefin Coupling. Accounts of Chemical Research, 2002, 35, 826-834.	7.6	1,035
3	Catalytic Methods for Cï£¿H Bond Functionalization: Application in Organic Synthesis. Advanced Synthesis and Catalysis, 2003, 345, 1077-1101.	2.1	1,032
4	Transition-Metal-Catalyzed Carbon-Carbon Bond Formation via Carbon-Hydrogen Bond Cleavage. Synthesis, 2008, 2008, 3013-3039.	1.2	752
5	A Ruthenium-Catalyzed Reaction of Aromatic Ketones with Arylboronates:Â A New Method for the Arylation of Aromatic Compounds via Câ^'H Bond Cleavage. Journal of the American Chemical Society, 2003, 125, 1698-1699.	6.6	346
6	Catalytic Addition of Aromatic Carbonâ€"Hydrogen Bonds to Olefins with the Aid of Ruthenium Complexes. Bulletin of the Chemical Society of Japan, 1995, 68, 62-83.	2.0	336
7	Ru3(CO)12-Catalyzed Coupling Reaction of sp3Câ^'H Bonds Adjacent to a Nitrogen Atom in Alkylamines with Alkenes. Journal of the American Chemical Society, 2001, 123, 10935-10941.	6.6	326
8	Palladium-Catalyzed Aromatic Câ^'H Halogenation with Hydrogen Halides by Means of Electrochemical Oxidation. Journal of the American Chemical Society, 2009, 131, 11310-11311.	6.6	313
9	A RuH2(CO)(PPh3)3-Catalyzed Regioselective Arylation of Aromatic Ketones with Arylboronates via Carbonâ^'Hydrogen Bond Cleavage. Journal of the American Chemical Society, 2005, 127, 5936-5945.	6.6	273
10	Ruthenium-Catalyzed Functionalization of Aryl Carbonâ^'Oxygen Bonds in Aromatic Ethers with Organoboron Compounds. Journal of the American Chemical Society, 2004, 126, 2706-2707.	6.6	240
11	Atropselective alkylation of biaryl compounds by means of transition metal-catalyzed Câ€"H/olefin coupling. Tetrahedron: Asymmetry, 2000, 11, 2647-2651.	1.8	224
12	Carbonylation at sp3Câ^'H Bonds Adjacent to a Nitrogen Atom in Alkylamines Catalyzed by Rhodium Complexes. Journal of the American Chemical Society, 2000, 122, 12882-12883.	6.6	188
13	Ruthenium-Catalyzed Carbonâ^'Carbon Bond Formation via the Cleavage of an Unreactive Aryl Carbonâ^'Nitrogen Bond in Aniline Derivatives with Organoboronates. Journal of the American Chemical Society, 2007, 129, 6098-6099.	6.6	177
14	Activation of C-H Bonds: Catalytic Reactions. Topics in Organometallic Chemistry, 1999, , 47-79.	0.7	170
15	Ru3(CO)12-Catalyzed Silylation of Benzylic Câ^'H Bonds in Arylpyridines and Arylpyrazoles with Hydrosilanes via Câ^'H Bond Cleavage. Journal of the American Chemical Society, 2004, 126, 12792-12793.	6.6	168
16	Catalytic Addition of Aromatic Câ€"H Bonds to Acetylenes. Chemistry Letters, 1995, 24, 681-682.	0.7	167
17	Direct Observation of the Oxidative Addition of the Aryl Carbonâ^'Oxygen Bond to a Ruthenium Complex and Consideration of the Relative Reactivity between Aryl Carbonâ^'Oxygen and Aryl Carbonâ^'Hydrogen Bonds. Journal of the American Chemical Society, 2006, 128, 16516-16517.	6.6	164
18	Ru3(CO)12-Catalyzed Coupling of Heteroaromatic Câ^'H/CO/Olefins. Regioselective Acylation of the Imidazole Ring. Journal of the American Chemical Society, 1996, 118, 493-494.	6.6	163

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19	Ru3(CO)12-Catalyzed Decarbonylative Cleavage of a Câ^'C Bond of Alkyl Phenyl Ketones. Journal of the American Chemical Society, 1999, 121, 8645-8646.	6.6	157
20	The Ru(cod)(cot)-Catalyzed Alkenylation of Aromatic Câ^'H Bonds with Alkenyl Acetates. Journal of the American Chemical Society, 2007, 129, 9858-9859.	6.6	154
21	Ru3(CO)12-Catalyzed Reaction of Pyridylbenzenes with Carbon Monoxide and Olefins. Carbonylation at a Câ^'H Bond in the Benzene Ring. Journal of Organic Chemistry, 1997, 62, 2604-2610.	1.7	151
22	Chain-Walking Strategy for Organic Synthesis: Catalytic Cycloisomerization of 1,n-Dienes. Journal of the American Chemical Society, 2012, 134, 16544-16547.	6.6	148
23	Ruthenium-Catalyzed Addition of Carbonâ€"Hydrogen Bonds in Aromatic Ketones to Olefins. The Effect of Various Substituents at the Aromatic Ring. Bulletin of the Chemical Society of Japan, 1997, 70, 3117-3128.	2.0	136
24	The ruthenium-catalyzed silylation of aromatic Cî—¸H bonds with triethylsilane. Journal of Organometallic Chemistry, 2003, 686, 134-144.	0.8	125
25	A New Chelation-Assistance Mode for a Ruthenium-Catalyzed Silylation at the C-H Bond in Aromatic Ring with Hydrosilanes. Chemistry Letters, 2002, 31, 396-397.	0.7	117
26	Cleavage of Câ^'N Bonds in Aniline Derivatives on a Ruthenium Center and Its Relevance to Catalytic Câ^'C Bond Formation. Journal of the American Chemical Society, 2009, 131, 7238-7239.	6.6	112
27	Ruthenium-Catalyzed Addition of Aromatic Imines at theorthoCâ€"H Bonds to Olefins. Chemistry Letters, 1996, 25, 111-112.	0.7	108
28	Catalytic Electrochemical Câ€"H Iodination and One-Pot Arylation by ON/OFF Switching of Electric Current. Journal of Organic Chemistry, 2012, 77, 7718-7724.	1.7	107
29	Room-Temperature Regioselective Câ^'H/Olefin Coupling of Aromatic Ketones Using an Activated Ruthenium Catalyst with a Carbonyl Ligand and Structural Elucidation of Key Intermediates. Journal of the American Chemical Society, 2010, 132, 17741-17750.	6.6	103
30	Ruthenium-Catalyzed Dehydrogenative Silylation of Aryloxazolines with Hydrosilanes via Câ€"H Bond Cleavage. Chemistry Letters, 2001, 30, 422-423.	0.7	98
31	Chain Walking as a Strategy for Carbonâ€"Carbon Bond Formation at Unreactive Sites in Organic Synthesis: Catalytic Cycloisomerization of Various 1,n-Dienes. Journal of the American Chemical Society, 2015, 137, 16163-16171.	6.6	96
32	Rhodium-Catalyzed Reaction ofN-(2-Pyridinyl)piperazines with CO and Ethylene. A Novel Carbonylation at a Câ^'H Bond in the Piperazine Ring. Organometallics, 1997, 16, 3615-3622.	1.1	95
33	Rhodium-Catalyzed Anti-Markovnikov Intermolecular Hydroalkoxylation of Terminal Acetylenes. Journal of the American Chemical Society, 2011, 133, 32-34.	6.6	94
34	A New Synthetic Method for the Preparation of Indenones from Aromatic Imines. Ru3(CO)12-Catalyzed Carbonylation at an ortho Câ^'H Bond in the Aromatic Imines. Journal of Organic Chemistry, 1997, 62, 5647-5650.	1.7	93
35	Palladium-Catalyzed Regioselective Homocoupling of Arenes Using Anodic Oxidation: Formal Electrolysis of Aromatic Carbonâ€"Hydrogen Bonds. Organometallics, 2014, 33, 6704-6707.	1.1	91
36	Chelation-Assisted Regioselective Catalytic Functionalization of Câ€"H, Câ€"O, Câ€"N and Câ€"F Bonds. Synlett, 2014, 25, 2390-2414.	1.0	90

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37	Palladium-Catalyzed ortho-Selective Câ€“H Chlorination of Benzamide Derivatives under Anodic Oxidation Conditions. Journal of Organic Chemistry, 2017, 82, 8716-8724.	1.7	87
38	The Ruthenium-Catalyzed Addition of C-H Bonds in Aromatic Nitriles to Olefins. Chemistry Letters, 1999, 28, 1083-1084.	0.7	84
39	Ruthenium- and Rhodium-Catalyzed Direct Carbonylation of the Ortho Câ^'H Bond in the Benzene Ring ofN-Arylpyrazoles. Journal of Organic Chemistry, 2004, 69, 4433-4440.	1.7	81
40	Ruthenium-Catalyzed Addition of Aromatic Esters at theorthoCâ€“H Bonds to Olefins. Chemistry Letters, 1996, 25, 109-110.	0.7	76
41	Transition Metal-Catalyzed Intramolecular Cyclization of 1,5- and 1,6-Dienes via Direct Cleavage and Addition of the Carbonâ€“Hydrogen Bond. Bulletin of the Chemical Society of Japan, 1998, 71, 285-298.	2.0	74
42	Iron-Catalyzed Regioselective Anti-Markovnikov Addition of Câ€“H Bonds in Aromatic Ketones to Alkenes. Journal of the American Chemical Society, 2017, 139, 14849-14852.	6.6	72
43	Ruthenium-catalyzed addition of olefinic Câ€“H bonds in conjugate enones to acetylenes to give conjugate dienones. Journal of Molecular Catalysis A, 2002, 182-183, 511-514.	4.8	71
44	Direct Alkenylation of Allylbenzenes via Chelation-Assisted Câ€“C Bond Cleavage. Journal of the American Chemical Society, 2018, 140, 9788-9792.	6.6	71
45	Nondissociative chain walking as a strategy in catalytic organic synthesis. Tetrahedron Letters, 2019, 60, 150938.	0.7	70
46	Mechanistic Study of the Ru(H)2(CO)(PPh3)3-Catalyzed Addition of Câ€“H Bonds in Aromatic Esters to Olefins. Chemistry Letters, 2001, 30, 918-919.	0.7	67
47	Catalytic Addition of Câ€¯â€“â€¯H Bonds to Câ€¯â€“â€¯C Multiple Bonds. Topics in Organometallic Chemistry, 2007, 1-33.	0.7	65
48	Ruthenium-Catalyzed Coupling of Aromatic Carbon-Hydrogen Bonds in Aromatic Imidates with Olefins. Chemistry Letters, 1999, 28, 19-20.	0.7	62
49	A New Synthetic Route to Heteroarylsilanes via Ruthenium-Catalyzed C-H/SiR3Coupling. Chemistry Letters, 2000, 29, 750-751.	0.7	62
50	Catalytic Formation of Î±-Aryl Ketones by Câ€“H Functionalization with Cyclic Alkenyl Carbonates and One-Pot Synthesis of Isocoumarins. Organic Letters, 2015, 17, 4850-4853.	2.4	62
51	Convenient Synthesis of Tetra- and Hexaarylanthracenes by Means of RuH₂(CO)(PPh₃)₃-Catalyzed Câ^'H Arylation of Anthraquinone with Arylboronates. Organic Letters, 2009, 11, 1951-1954.	2.4	61
52	Rhodium-Catalyzed Intermolecular [2 + 2] Cycloaddition of Terminal Alkynes with Electron-Deficient Alkenes. Organic Letters, 2013, 15, 1024-1027.	2.4	61
53	Ru3(CO)12- and Rh4(CO)12-Catalyzed Reactions of Pyridylolefins orN-(2-Pyridyl)enamines with CO and Olefins. Carbonylation at Olefinic Câ^'H Bonds. Journal of Organic Chemistry, 1998, 63, 5129-5136.	1.7	53
54	Catalytic Dimerization of Acrylonitrile. Organometallics, 1997, 16, 2233-2235.	1.1	49

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55	Regioselective Alkenylation of Aromatic Ketones with Alkenylboronates Using a RuH2(CO)(PPh3)3Catalyst via Carbonâ^'Hydrogen Bond Cleavage. Journal of Organic Chemistry, 2007, 72, 3600-3602.	1.7	46
56	Activation of Inert Câ€“H Bonds. Topics in Organometallic Chemistry, 2004, , 45-79.	0.7	40
57	Control of Product Selectivity by a Styrene Additive in Ruthenium-Catalyzed Câ^'H Arylation. Organic Letters, 2010, 12, 5318-5321.	2.4	40
58	Rhodium-Catalyzed anti-Markovnikov Addition of Secondary Amines to Arylacetylenes at Room Temperature. Organic Letters, 2011, 13, 3928-3931.	2.4	40
59	Substituent Effects on Stoichiometric and Catalytic Cleavage of Carbonâ€“Nitrogen Bonds in Aniline Derivatives by Rutheniumâ€“Phosphine Complexes. Organometallics, 2013, 32, 682-690.	1.1	39
60	Rutheniumâ€Catalyzed Monoalkenylation of Aromatic Ketones by Cleavage of Carbonâ€“Heteroatom Bonds with Unconventional Chemoselectivity. Angewandte Chemie - International Edition, 2015, 54, 9293-9297.	7.2	39
61	Metalâ€Catalyzed Sequential Formation of Distant Bonds in Organic Molecules: Palladiumâ€Catalyzed Hydrosilylation/Cyclization of 1,nâ€Dienes by Chain Walking. Angewandte Chemie - International Edition, 2019, 58, 5261-5265.	7.2	39
62	Ruthenium-Catalyzed Conversion of sp³ Câ€“O Bonds in Ethers to Câ€“C Bonds Using Triarylboroxines. Organic Letters, 2011, 13, 3254-3257.	2.4	37
63	Convenient Synthesis of Dibenzo[a,h]anthracenes and Picenes via Câ€“H Arylation of Acetophenones with Arenediboronates. Chemistry Letters, 2011, 40, 300-302.	0.7	37
64	Unique Effect of Coordination of an Alkene Moiety in Products on Ruthenium-Catalyzed Chemoselective Câ^'H Alkenylation. Organic Letters, 2009, 11, 855-858.	2.4	34
65	Ruthenium-catalyzed arylation of fluorinated aromatic ketones via ortho-selective carbonâ€“fluorine bond cleavage. Tetrahedron Letters, 2011, 52, 5888-5890.	0.7	33
66	Selective Long-Distance Isomerization of Terminal Alkenes via Nondissociative Chain Walking. Journal of Organic Chemistry, 2018, 83, 9322-9333.	1.7	32
67	Oligothiophene quinoids containing a benzo[c]thiophene unit for the stabilization of the quinoidal electronic structure. Journal of Materials Chemistry C, 2018, 6, 7493-7500.	2.7	31
68	Short Synthesis of Alkyl-Substituted Acenes Using Carbonyl-Directed Câ€“H and Câ€“O Functionalization. Organic Letters, 2012, 14, 3882-3885.	2.4	30
69	Syntheses of RuHCl(CO)(PAr₃)₃ and RuH₂(CO)(PAr₃)₃ Containing Various Triarylphosphines and Their Use for Arylation of Sterically Congested Aromatic Câ€“H Bonds. Organometallics, 2017, 36, 159-164.	1.1	30
70	Catalytic, Directed Câ€“C Bond Functionalization of Styrenes. Journal of the American Chemical Society, 2020, 142, 7345-7349.	6.6	30
71	Selective Monoarylation of Aromatic Ketones and Esters via Cleavage of Aromatic Carbonâ€“Heteroatom Bonds by Trialkylphosphine Ruthenium Catalysts. Organic Letters, 2017, 19, 794-797.	2.4	29
72	Copperâ€Catalyzed Electrochemical Chlorination of 1,3â€Dicarbonyl Compounds Using Hydrochloric Acid. Asian Journal of Organic Chemistry, 2013, 2, 935-937.	1.3	28

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73	Ruthenium-Catalyzed Cross-Coupling of Maleimides with Alkenes. Organic Letters, 2016, 18, 4598-4601.	2.4	28
74	New Strategy for Catalytic Oxidative Câ€“H Functionalization: Efficient Combination of Transition-metal Catalyst and Electrochemical Oxidation. Chemistry Letters, 2020, 49, 1256-1269.	0.7	28
75	Iron-Catalyzed Ortho Câ€“H Homoallylation of Aromatic Ketones with Methylenecyclopropanes. Journal of the American Chemical Society, 2021, 143, 4543-4549.	6.6	28
76	Palladium-Catalyzed Remote Diborylative Cyclization of Dienes with Diborons via Chain Walking. Journal of the American Chemical Society, 2021, 143, 19275-19281.	6.6	26
77	Ruthenium-catalyzed reductive deamination and tandem alkylation ofÂaniline derivatives. Journal of Organometallic Chemistry, 2013, 741-742, 148-152.	0.8	25
78	Ruthenium-Catalyzed Ortho Câ€“H Arylation of Aromatic Nitriles with Arylboronates and Observation of Partial Para Arylation. Journal of Organic Chemistry, 2017, 82, 6503-6510.	1.7	24
79	RuH2(CO)(PPh3)3-catalyzed arylation of aromatic esters using arylboronates via Câ€“H bond cleavages. Journal of Organometallic Chemistry, 2010, 695, 1163-1167.	0.8	23
80	Chain-walking Cycloisomerization of 1,n-Dienes Catalyzed by Pyridineâ€“Oxazoline Palladium Catalysts and Its Application to Asymmetric Synthesis. Chemistry Letters, 2016, 45, 297-299.	0.7	22
81	Ironâ€Catalyzed Orthoâ€Selective Câˆ’H Alkylation of Aromatic Ketones with Nâ€Alkenylindoles and Partial Indolylation via 1,4â€Iron Migration. Asian Journal of Organic Chemistry, 2019, 8, 1115-1117.	1.3	21
82	Selective Câˆ’H Functionalizations by Electrochemical Reactions with Palladium Catalysts. Israel Journal of Chemistry, 2017, 57, 953-963.	1.0	20
83	Catalytic Reactions of Terminal Alkynes Using Rhodium(I) Complexes Bearing 8-Quinolinolate Ligands. ACS Catalysis, 2018, 8, 6127-6137.	5.5	20
84	Synthesis of N-Arylpyrazoles by Palladium-Catalyzed Coupling of Aryl Triflates with Pyrazole Derivatives. Journal of Organic Chemistry, 2019, 84, 6508-6515.	1.7	19
85	Rhodium-Catalyzed Dimerization of Arylacetylenes and Addition of MalonatesÂ-to 1,3-Enynes. Synthesis, 2013, 45, 2088-2092.	1.2	18
86	Ruthenium-Catalyzed Reactions via sp Cï£¿H, sp2 Cï£¿H, sp3 Cï£¿H, and Cï£¿Halogen Bond Activations. , 2005, , 219-255.		16
87	Oxidative Protonolysis of the Expanded Central Câ€“C Bond in a Di(spiroacridan)-type Hexaphenylethane Derivative Accompanied by UVâ€“vis, FL, and CD Spectral Changes. Chemistry Letters, 2014, 43, 887-889.	0.7	15
88	Synthesis and Reactivity of Phosphine-Quinolinolato Rhodium Complexes: Intermediacy of Vinylidene and (Amino)carbene Complexes in the Catalytic Hydroamination of Terminal Alkynes. Organometallics, 2016, 35, 4112-4125.	1.1	15
89	Formation of Î±-Monosubstituted Propargylamines from Terminal Alkynes and Secondary Amines Using a (PNO)Rh/Cu Tandem Catalyst System. Chemistry Letters, 2017, 46, 1620-1623.	0.7	13
90	Ruthenium-catalyzed Ortho-selective Aromatic Câ€“H Alkenylation with Alkenyl Carbonates. Chemistry Letters, 2014, 43, 667-669.	0.7	12

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91	Palladiumâ€Catalyzed Câˆ’H Iodination of Nâ€(8â€Quinolinyl)benzamide Derivatives Under Electrochemical and Nonâ€Electrochemical Conditions. Asian Journal of Organic Chemistry, 2018, 7, 1311-1314.	1.3	12
92	Palladiumâ€Catalyzed Aromatic Câˆ’H Functionalizations Utilizing Electrochemical Oxidations. Chemical Record, 2021, 21, 2320-2331.	2.9	11
93	Metalâ€Catalyzed Sequential Formation of Distant Bonds in Organic Molecules: Palladiumâ€Catalyzed Hydrosilylation/Cyclization of 1, n â€Dienes by Chain Walking. Angewandte Chemie, 2019, 131, 5315-5319.	1.6	10
94	Carbonâ€“Carbon Bond Formation via Catalytically Generated Aminocarbene Complexes: Rhodiumâ€Catalyzed Hydroaminative Cyclization of Enynes with Secondary Amines. Angewandte Chemie - International Edition, 2020, 59, 11754-11757.	7.2	10
95	Remote Arylative Substitution of Alkenes Possessing an Acetoxy Group via Î²â€Acetoxy Elimination. Angewandte Chemie - International Edition, 2021, 60, 24500-24504.	7.2	10
96	Synthesis of Dibenzo[h,rst]pentaphenes and Dibenzo[fg,qr]pentacenes by the Chemoselective Câ€“O Arylation of Dimethoxyanthraquinones. Organic Letters, 2017, 19, 3791-3794.	2.4	9
97	Synthesis of Fluorine-Containing Tetraarylanthracenes via Ruthenium-Catalyzed Câ€“O or Câ€“F Arylation and their Crystal Structures. Synlett, 2017, 28, 2609-2613.	1.0	7
98	Rhodium-Catalyzed Anti-Markovnikov Hydroamination of Aliphatic and Aromatic Terminal Alkynes with Aliphatic Primary Amines. Journal of Organic Chemistry, 2021, 86, 13143-13152.	1.7	6
99	Chelation-Assisted Catalytic C-C, C-Si, and C-Halogen Bond Formation by Substitution via the Cleavage of C(sp²)-H and C(sp³)-H Bonds. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2015, 73, 1099-1110.	0.0	5
100	Selective Monoarylation of Aromatic Ketones via Câ€“H Bond Cleavage by Trialkylphosphine Ruthenium Catalysts. Journal of Organic Chemistry, 2019, 84, 12975-12982.	1.7	5
101	In Situ Generation of Ruthenium Carbonyl Phosphine Complexes as a Versatile Method for the Development of Enantioselective Câˆ’O Bond Arylation. Chemistry - A European Journal, 2020, 26, 1737-1741.	1.7	5
102	2:1 versus 1:1 Coupling of Alkylacetylenes with Secondary Amines: Selectivity Switching in 8-Quinolinolato Rhodium Catalysis. Organic Letters, 2021, 23, 3803-3808.	2.4	5
103	Efficient synthesis of 3,6,13,16-tetrasubstituted-tetrabenzo[a,d,j,m]coronenes by selective Câ€“H/Câ€“O arylations of anthraquinone derivatives. Beilstein Journal of Organic Chemistry, 2020, 16, 544-550.	1.3	4
104	Development and Application of Efficient Methods for Extension of ^|^pi;-Conjugated Systems by Catalytic Substitution Reactions via Chelation-Assisted Cleavage of Unreactive Aromatic Carbon Bonds. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2013, 71, 588-600.	0.0	2
105	Titelbild: Carbonâ€“Carbon Bond Formation via Catalytically Generated Aminocarbene Complexes: Rhodiumâ€Catalyzed Hydroaminative Cyclization of Enynes with Secondary Amines (Angew. Chem.) Tj ETQq1 1 0.784314 rgBT /Over	1.6	1
106	Remote Arylative Substitution of Alkenes Possessing an Acetoxy Group via Î²â€Acetoxy Elimination. Angewandte Chemie, 2021, 133, 24705-24709.	1.6	1
107	Antiâ€Markovnikov Addition of Anilines to Aliphatic Terminal Alkynes Catalyzed by an 8â€Quinolinolato Rhodium Complex. Helvetica Chimica Acta, 2021, 104, e2100125.	1.0	1
108	Alkylation and Allylation Adjacent to a Carbonyl Group. , 2005, , 13-33.		0

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109	Carbonâ€“Carbon Bond Formation via Catalytically Generated Aminocarbene Complexes: Rhodiumâ€Catalyzed Hydroaminative Cyclization of Enynes with Secondary Amines. Angewandte Chemie, 2020, 132, 11852-11855.	1.6	0
110	Efficient Synthesis of Polycyclic Aromatic Hydrocarbons Using Unreactive Bonds. , 2021, , 189-201.		0