

Fumitoshi Kakiuchi

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8428539/fumitoshi-kakiuchi-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Efficient catalytic addition of aromatic carbon-hydrogen bonds to olefins. <i>Nature</i> , 1993 , 366, 529-531	50.4	1120
112	Catalytic Methods for C-H Bond Functionalization: Application in Organic Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2003 , 345, 1077-1101	5.6	993
111	Catalytic C-h/olefin coupling. <i>Accounts of Chemical Research</i> , 2002 , 35, 826-34	24.3	954
110	Transition-Metal-Catalyzed Carbon-Carbon Bond Formation via Carbon-Hydrogen Bond Cleavage. <i>Synthesis</i> , 2008 , 2008, 3013-3039	2.9	724
109	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
108	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
107	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
106	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
105	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
104	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
103	Atropselective alkylation of biaryl compounds by means of transition metal-catalyzed C-H/olefin coupling. <i>Tetrahedron: Asymmetry</i> , 2000 , 11, 2647-2651		182
102	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
101	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
100	Activation of C-H Bonds: Catalytic Reactions. <i>Topics in Organometallic Chemistry</i> , 1999 , 47-79	0.6	158
99	Catalytic Addition of Aromatic C-H Bonds to Acetylenes. <i>Chemistry Letters</i> , 1995 , 24, 681-682	1.7	157
98	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
97	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

96	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
95	Ru ₃ (CO) ₁₂ -Catalyzed Decarbonylative Cleavage of a C≡C Bond of Alkyl Phenyl Ketones. <i>Journal of the American Chemical Society</i> , 1999 , 121, 8645-8646	16.4	140
94	Ru ₃ (CO) ₁₂ -Catalyzed Coupling of Heteroaromatic C≡C/CO/Olefins. Regioselective Acylation of the Imidazole Ring. <i>Journal of the American Chemical Society</i> , 1996 , 118, 493-494	16.4	139
93	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
92	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
91	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
90	The ruthenium-catalyzed silylation of aromatic C-H bonds with triethylsilane. <i>Journal of Organometallic Chemistry</i> , 2003 , 686, 134-144	2.3	116
89	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
88	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
87	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
86	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
85	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
84	Ruthenium-Catalyzed Dehydrogenative Silylation of Aryloxazolines with Hydrosilanes via C-H Bond Cleavage. <i>Chemistry Letters</i> , 2001 , 30, 422-423	1.7	87
83	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
82	Chelation-Assisted Regioselective Catalytic Functionalization of C≡C, C=O, C≡N and C-H Bonds. <i>Synlett</i> , 2014 , 25, 2390-2414	2.2	80
81	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
80	Rhodium-catalyzed anti-Markovnikov intermolecular hydroalkoxylation of terminal acetylenes. <i>Journal of the American Chemical Society</i> , 2011 , 133, 32-4	16.4	79
79	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

- 78 The Ruthenium-Catalyzed Addition of C-H Bonds in Aromatic Nitriles to Olefins. *Chemistry Letters*, **1999**, 28, 1083-1084 1.7 79
- 77 Chain Walking as a Strategy for Carbon-Carbon Bond Formation at Unreactive Sites in Organic Synthesis: Catalytic Cycloisomerization of Various 1,n-Dienes. *Journal of the American Chemical Society*, **2015**, 137, 16163-71 16.4 75
- 76 Ruthenium- and rhodium-catalyzed direct carbonylation of the ortho C-H bond in the benzene ring of N-arylpyrazoles. *Journal of Organic Chemistry*, **2004**, 69, 4433-40 4.2 72
- 75 Ruthenium-Catalyzed Addition of Aromatic Esters at the ortho C-H Bonds to Olefins. *Chemistry Letters*, **1996**, 25, 109-110 1.7 70
- 74 Transition Metal-Catalyzed Intramolecular Cyclization of 1,5- and 1,6-Dienes via Direct Cleavage and Addition of the Carbon-Hydrogen Bond. *Bulletin of the Chemical Society of Japan*, **1998**, 71, 285-298 5.1 69
- 73 Palladium-Catalyzed ortho-Selective C-H Chlorination of Benzamide Derivatives under Anodic Oxidation Conditions. *Journal of Organic Chemistry*, **2017**, 82, 8716-8724 4.2 67
- 72 Ruthenium-catalyzed addition of olefinic C-H bonds in conjugate enones to acetylenes to give conjugate dienones. *Journal of Molecular Catalysis A*, **2002**, 182-183, 511-514 6.4
- 71 Mechanistic Study of the Ru(H)₂(CO)(PPh₃)₃-Catalyzed Addition of C-H Bonds in Aromatic Esters to Olefins. *Chemistry Letters*, **2001**, 30, 918-919 1.7 62
- 70 Catalytic Addition of C-H Bonds to C≡C Multiple Bonds. *Topics in Organometallic Chemistry*, **2007**, 1-33 0.6 58
- 69 Ruthenium-Catalyzed Coupling of Aromatic Carbon-Hydrogen Bonds in Aromatic Imidates with Olefins. *Chemistry Letters*, **1999**, 28, 19-20 1.7 56
- 68 Direct Alkenylation of Allylbenzenes via Chelation-Assisted C-C Bond Cleavage. *Journal of the American Chemical Society*, **2018**, 140, 9788-9792 16.4 55
- 67 Rhodium-catalyzed intermolecular [2 + 2] cycloaddition of terminal alkynes with electron-deficient alkenes. *Organic Letters*, **2013**, 15, 1024-7 6.2 54
- 66 Convenient synthesis of tetra- and hexaarylanthracenes by means of RuH₂(CO)(PPh₃)₃-catalyzed C-H arylation of anthraquinone with arylboronates. *Organic Letters*, **2009**, 11, 1951-4 6.2 54
- 65 A New Synthetic Route to Heteroarylsilanes via Ruthenium-Catalyzed C-H/SiR₃ Coupling. *Chemistry Letters*, **2000**, 29, 750-751 1.7 54
- 64 Catalytic Formation of Aryl Ketones by C-H Functionalization with Cyclic Alkenyl Carbonates and One-Pot Synthesis of Isocoumarins. *Organic Letters*, **2015**, 17, 4850-3 6.2 52
- 63 Iron-Catalyzed Regioselective Anti-Markovnikov Addition of C-H Bonds in Aromatic Ketones to Alkenes. *Journal of the American Chemical Society*, **2017**, 139, 14849-14852 16.4 50
- 62 Ru₃(CO)₁₂- and Rh₄(CO)₁₂-Catalyzed Reactions of Pyridylolefins or N-(2-Pyridyl)enamines with CO and Olefins. Carbonylation at Olefinic C-H Bonds. *Journal of Organic Chemistry*, **1998**, 63, 5129-5136 4.2 46
- 61 Catalytic Dimerization of Acrylonitrile. *Organometallics*, **1997**, 16, 2233-2235 3.8 45

60	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
59	Nondissociative chain walking as a strategy in catalytic organic synthesis. <i>Tetrahedron Letters</i> , 2019 , 60, 150938	2	39
58	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
57	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
56	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
55	Rhodium-catalyzed anti-Markovnikov addition of secondary amines to arylacetylenes at room temperature. <i>Organic Letters</i> , 2011 , 13, 3928-31	6.2	35
54	Convenient Synthesis of Dibenzo[a,h]anthracenes and Picones via C-H Arylation of Acetophenones with Arenediboronates. <i>Chemistry Letters</i> , 2011 , 40, 300-302	1.7	35
53	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
52	Activation of Inert C-H Bonds. <i>Topics in Organometallic Chemistry</i> , 2004 , 45-79	0.6	34
51	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
50	Ruthenium-catalyzed arylation of fluorinated aromatic ketones via ortho-selective carbon-fluorine bond cleavage. <i>Tetrahedron Letters</i> , 2011 , 52, 5888-5890	2	28
49	Oligothiophene quinoids containing a benzo[c]thiophene unit for the stabilization of the quinoidal electronic structure. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 7493-7500	7.1	26
48	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
47	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
46	Ruthenium-Catalyzed Cross-Coupling of Maleimides with Alkenes. <i>Organic Letters</i> , 2016 , 18, 4598-601	6.2	24
45	Metal-Catalyzed Sequential Formation of Distant Bonds in Organic Molecules: Palladium-Catalyzed Hydrosilylation/Cyclization of 1,n-Dienes by Chain Walking. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5261-5265	16.4	23
44	Selective Long-Distance Isomerization of Terminal Alkenes via Nondissociative Chain Walking. <i>Journal of Organic Chemistry</i> , 2018 , 83, 9322-9333	4.2	23
43	Ruthenium-catalyzed reductive deamination and tandem alkylation of aniline derivatives. <i>Journal of Organometallic Chemistry</i> , 2013 , 741-742, 148-152	2.3	23

- 42 Syntheses of RuHCl(CO)(PAr₃)₃ and RuH₂(CO)(PAr₃)₃ Containing Various Triarylphosphines and Their Use for Arylation of Sterically Congested Aromatic C–H Bonds. *Organometallics*, **2017**, 36, 159-164 3.8 21
- 41 RuH₂(CO)(PPh₃)₃-catalyzed arylation of aromatic esters using arylboronates via C–H bond cleavages. *Journal of Organometallic Chemistry*, **2010**, 695, 1163-1167 2.3 21
- 40 Copper-Catalyzed Electrochemical Chlorination of 1,3-Dicarbonyl Compounds Using Hydrochloric Acid. *Asian Journal of Organic Chemistry*, **2013**, 2, 935-937 3 20
- 39 Ruthenium-Catalyzed Ortho C–H Arylation of Aromatic Nitriles with Arylboronates and Observation of Partial Para Arylation. *Journal of Organic Chemistry*, **2017**, 82, 6503-6510 4.2 17
- 38 Chain-walking Cycloisomerization of 1,*n*-Dienes Catalyzed by Pyridine Oxazoline Palladium Catalysts and Its Application to Asymmetric Synthesis. *Chemistry Letters*, **2016**, 45, 297-299 1.7 17
- 37 Selective C–H Functionalizations by Electrochemical Reactions with Palladium Catalysts. *Israel Journal of Chemistry*, **2017**, 57, 953-963 3.4 16
- 36 Catalytic, Directed C–C Bond Functionalization of Styrenes. *Journal of the American Chemical Society*, **2020**, 142, 7345-7349 16.4 15
- 35 Rhodium-Catalyzed Dimerization of Arylacetylenes and Addition of Malonates to 1,3-Enynes. *Synthesis*, **2013**, 45, 2088-2092 2.9 15
- 34 Catalytic Reactions of Terminal Alkynes Using Rhodium(I) Complexes Bearing 8-Quinolinolate Ligands. *ACS Catalysis*, **2018**, 8, 6127-6137 13.1 15
- 33 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. *Chemistry Letters*, **2014**, 43, 887-889 1.7 14
- 32 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 3.8 13
- 31 Synthesis of N-Arylpyrazoles by Palladium-Catalyzed Coupling of Aryl Triflates with Pyrazole Derivatives. *Journal of Organic Chemistry*, **2019**, 84, 6508-6515 4.2 12
- 30 New Strategy for Catalytic Oxidative C–H Functionalization: Efficient Combination of Transition-metal Catalyst and Electrochemical Oxidation. *Chemistry Letters*, **2020**, 49, 1256-1269 1.7 12
- 29 Iron-Catalyzed Ortho-Selective C–H Alkylation of Aromatic Ketones with N-Alkenylindoles and Partial Indolylation via 1,4-Iron Migration. *Asian Journal of Organic Chemistry*, **2019**, 8, 1115-1117 3 11
- 28 Ruthenium-catalyzed Ortho-selective Aromatic C–H Alkenylation with Alkenyl Carbonates. *Chemistry Letters*, **2014**, 43, 667-669 1.7 11
- 27 Formation of β -Monosubstituted Propargylamines from Terminal Alkynes and Secondary Amines Using a (PNO)Rh/Cu Tandem Catalyst System. *Chemistry Letters*, **2017**, 46, 1620-1623 1.7 10
- 26 Metal-Catalyzed Sequential Formation of Distant Bonds in Organic Molecules: Palladium-Catalyzed Hydrosilylation/Cyclization of 1,*n*-Dienes by Chain Walking. *Angewandte Chemie*, **2019**, 131, 5315-5319 3.6 8
- 25 Synthesis of Dibenzo[*h,rst*]pentaphenes and Dibenzo[*fg,qr*]pentacenes by the Chemoselective C–O Arylation of Dimethoxyanthraquinones. *Organic Letters*, **2017**, 19, 3791-3794 6.2 8

24	Palladium-Catalyzed C ^β Iodination of N-(8-Quinoliny)benzamide Derivatives Under Electrochemical and Non-Electrochemical Conditions. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 1311-1314	3	7
23	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
22	Synthesis of Fluorine-Containing Tetraarylanthracenes via Ruthenium-Catalyzed C ^β or C ^γ Arylation and their Crystal Structures. <i>Synlett</i> , 2017 , 28, 2609-2613	2.2	6
21	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
20	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
19	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
18	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 Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2015 , 73, 1099-1110	0.2	4
17	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
16	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	18	3
15	2:1 versus 1:1 Coupling of Alkylacetylenes with Secondary Amines: Selectivity Switching in 8-Quinololato Rhodium Catalysis. <i>Organic Letters</i> , 2021 , 23, 3803-3808	6.2	3
14	Palladium-Catalyzed Aromatic C-H Functionalizations Utilizing Electrochemical Oxidations. <i>Chemical Record</i> , 2021 , 21, 2320-2331	6.6	3
13	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 Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2013 , 71, 588-600	0.2	2
12	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
11	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
10	Ruthenium-Catalyzed Arylation of Ortho C-H Bond in an Aromatic with an Arylboronate: 8-Phenyl-1-Tetralone 2010 , 209-217		1
9	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
8	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
7	Anti-Markovnikov Addition of Anilines to Aliphatic Terminal Alkynes Catalyzed by an 8-Quinololato Rhodium Complex. <i>Helvetica Chimica Acta</i> , 2021 , 104, e2100125	2	1

- 6 Titelbild: Carbon-Carbon Bond Formation via Catalytically Generated Aminocarbene Complexes: Rhodium-Catalyzed Hydroaminative Cyclization of Enynes with Secondary Amines (Angew. Chem. 29/2020). *Angewandte Chemie*, **2020**, 132, 11769-11769 3.6 ○
- 5 Remote Arylative Substitution of Alkenes Possessing an Acetoxy Group via β -Acetoxy Elimination. *Angewandte Chemie*, **2021**, 133, 24705 3.6 ○
- 4 Carbon-Carbon Bond Formation via Catalytically Generated Aminocarbene Complexes: Rhodium-Catalyzed Hydroaminative Cyclization of Enynes with Secondary Amines. *Angewandte Chemie*, **2020**, 132, 11852-11855 3.6
- 3 Alkylation and Allylation Adjacent to a Carbonyl Group **2005**, 13-33
- 2 Ruthenium-Catalyzed Alkylation of Aromatic Ketones with Olefins: 8-[2-(Triethoxysilyl)Ethyl]-1-Tetralone **2003**, 104-110
- 1 Efficient Synthesis of Polycyclic Aromatic Hydrocarbons Using Unreactive Bonds **2021**, 189-201