

Fumitoshi Kakiuchi

List of Publications by Year in descending order

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110
papers

11,766
citations

34016

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107
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120
all docs

120
docs citations

120
times ranked

5077
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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. | 2.4 | 5 |
| 2 | Iron-Catalyzed Ortho C-H Homoallylation of Aromatic Ketones with Methylene-cyclopropanes. <i>Journal of the American Chemical Society</i> , 2021, 143, 4543-4549. | 6.6 | 28 |
| 3 | Palladium-Catalyzed Aromatic C-H Functionalizations Utilizing Electrochemical Oxidations. <i>Chemical Record</i> , 2021, 21, 2320-2331. | 2.9 | 11 |
| 4 | Remote Arylative Substitution of Alkenes Possessing an Acetoxy Group via β -Acetoxy Elimination. <i>Angewandte Chemie</i> , 2021, 133, 24705-24709. | 1.6 | 1 |
| 5 | 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. | 1.7 | 6 |
| 6 | Remote Arylative Substitution of Alkenes Possessing an Acetoxy Group via β -Acetoxy Elimination. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24500-24504. | 7.2 | 10 |
| 7 | Anti-Markovnikov Addition of Anilines to Aliphatic Terminal Alkynes Catalyzed by an 8-Quinolinolato Rhodium Complex. <i>Helvetica Chimica Acta</i> , 2021, 104, e2100125. | 1.0 | 1 |
| 8 | Efficient Synthesis of Polycyclic Aromatic Hydrocarbons Using Unreactive Bonds. , 2021, , 189-201. | | 0 |
| 9 | Palladium-Catalyzed Remote Diborylative Cyclization of Dienes with Diborons via Chain Walking. <i>Journal of the American Chemical Society</i> , 2021, 143, 19275-19281. | 6.6 | 26 |
| 10 | 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. | 1.7 | 5 |
| 11 | Titelbild: Carbon-Carbon Bond Formation via Catalytically Generated Aminocarbene Complexes: Rhodium-Catalyzed Hydroaminative Cyclization of Enynes with Secondary Amines (<i>Angew. Chem.</i>) Tj ETQq1 1 0.784314 rgBT /Over | | |
| 12 | 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. | 0.7 | 28 |
| 13 | 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. | 1.6 | 0 |
| 14 | Catalytic, Directed C-C Bond Functionalization of Styrenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 7345-7349. | 6.6 | 30 |
| 15 | 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. | 7.2 | 10 |
| 16 | Efficient synthesis of 3,6,13,16-tetrasubstituted-tetrabenzo[<i>a</i>], [<i>d</i>], [<i>j</i>], [<i>m</i>] coronenes by selective C-H/C-O arylations of anthraquinone derivatives. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 544-550. | 1.3 | 4 |
| 17 | Nondissociative chain walking as a strategy in catalytic organic synthesis. <i>Tetrahedron Letters</i> , 2019, 60, 150938. | 0.7 | 70 |
| 18 | Selective Monoarylation of Aromatic Ketones via C-H Bond Cleavage by Trialkylphosphine Ruthenium Catalysts. <i>Journal of Organic Chemistry</i> , 2019, 84, 12975-12982. | 1.7 | 5 |

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|----|---|-----|-----------|
| 19 | Iron-Catalyzed <i>ortho</i> -Selective C-H Alkylation of Aromatic Ketones with <i>N</i> -Alkenylindoles and Partial Indolylation via 1,4-Iron Migration. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1115-1117. | 1.3 | 21 |
| 20 | 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. | 1.6 | 10 |
| 21 | Synthesis of <i>N</i> -Arylpyrazoles by Palladium-Catalyzed Coupling of Aryl Triflates with Pyrazole Derivatives. <i>Journal of Organic Chemistry</i> , 2019, 84, 6508-6515. | 1.7 | 19 |
| 22 | 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. | 7.2 | 39 |
| 23 | Palladium-Catalyzed C-H Iodination of <i>N</i> -(8-Quinoliny)benzamide Derivatives Under Electrochemical and Non-Electrochemical Conditions. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1311-1314. | 1.3 | 12 |
| 24 | Catalytic Reactions of Terminal Alkynes Using Rhodium(I) Complexes Bearing 8-Quinolinate Ligands. <i>ACS Catalysis</i> , 2018, 8, 6127-6137. | 5.5 | 20 |
| 25 | Direct Alkenylation of Allylbenzenes via Chelation-Assisted C-C Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2018, 140, 9788-9792. | 6.6 | 71 |
| 26 | 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. | 2.7 | 31 |
| 27 | Selective Long-Distance Isomerization of Terminal Alkenes via Nondissociative Chain Walking. <i>Journal of Organic Chemistry</i> , 2018, 83, 9322-9333. | 1.7 | 32 |
| 28 | 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. | 2.4 | 29 |
| 29 | Ruthenium-Catalyzed <i>ortho</i> -C-H Arylation of Aromatic Nitriles with Arylboronates and Observation of Partial <i>para</i> Arylation. <i>Journal of Organic Chemistry</i> , 2017, 82, 6503-6510. | 1.7 | 24 |
| 30 | 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. | 6.6 | 72 |
| 31 | Formation of \pm -Monosubstituted Propargylamines from Terminal Alkynes and Secondary Amines Using a (PNO)Rh/Cu Tandem Catalyst System. <i>Chemistry Letters</i> , 2017, 46, 1620-1623. | 0.7 | 13 |
| 32 | Palladium-Catalyzed <i>ortho</i> -Selective C-H Chlorination of Benzamide Derivatives under Anodic Oxidation Conditions. <i>Journal of Organic Chemistry</i> , 2017, 82, 8716-8724. | 1.7 | 87 |
| 33 | Synthesis of Fluorine-Containing Tetraarylanthracenes via Ruthenium-Catalyzed C=O or C=F Arylation and their Crystal Structures. <i>Synlett</i> , 2017, 28, 2609-2613. | 1.0 | 7 |
| 34 | Selective C-H Functionalizations by Electrochemical Reactions with Palladium Catalysts. <i>Israel Journal of Chemistry</i> , 2017, 57, 953-963. | 1.0 | 20 |
| 35 | Synthesis of Dibenzo[<i>h</i> , <i>r</i>]pentaphenes and Dibenzo[<i>fg</i> , <i>qr</i>]pentacenes by the Chemoselective C=O Arylation of Dimethoxyanthraquinones. <i>Organic Letters</i> , 2017, 19, 3791-3794. | 2.4 | 9 |
| 36 | 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. | 1.1 | 30 |

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|----|--|-----|-----------|
| 37 | 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. | 1.1 | 15 |
| 38 | Ruthenium-Catalyzed Cross-Coupling of Maleimides with Alkenes. <i>Organic Letters</i> , 2016, 18, 4598-4601. | 2.4 | 28 |
| 39 | Chain-walking Cycloisomerization of 1, <i>n</i> -Dienes Catalyzed by Pyridine-Oxazoline Palladium Catalysts and Its Application to Asymmetric Synthesis. <i>Chemistry Letters</i> , 2016, 45, 297-299. | 0.7 | 22 |
| 40 | Ruthenium-Catalyzed Monoalkenylation of Aromatic Ketones by Cleavage of Carbon-Heteroatom Bonds with Unconventional Chemoselectivity. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9293-9297. | 7.2 | 39 |
| 41 | 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. | 0.0 | 5 |
| 42 | Chain Walking as a Strategy for Carbon-Carbon Bond Formation at Unreactive Sites in Organic Synthesis: Catalytic Cycloisomerization of Various 1, <i>n</i> -Dienes. <i>Journal of the American Chemical Society</i> , 2015, 137, 16163-16171. | 6.6 | 96 |
| 43 | Catalytic Formation of β -Aryl Ketones by C-H Functionalization with Cyclic Alkenyl Carbonates and One-Pot Synthesis of Isocoumarins. <i>Organic Letters</i> , 2015, 17, 4850-4853. | 2.4 | 62 |
| 44 | Chelation-Assisted Regioselective Catalytic Functionalization of C-H, C=O, C=N and C-F Bonds. <i>Synlett</i> , 2014, 25, 2390-2414. | 1.0 | 90 |
| 45 | Palladium-Catalyzed Regioselective Homocoupling of Arenes Using Anodic Oxidation: Formal Electrolysis of Aromatic Carbon-Hydrogen Bonds. <i>Organometallics</i> , 2014, 33, 6704-6707. | 1.1 | 91 |
| 46 | 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. | 0.7 | 15 |
| 47 | Ruthenium-catalyzed Ortho-selective Aromatic C-H Alkenylation with Alkenyl Carbonates. <i>Chemistry Letters</i> , 2014, 43, 667-669. | 0.7 | 12 |
| 48 | 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. | 1.1 | 39 |
| 49 | Ruthenium-catalyzed reductive deamination and tandem alkylation of aniline derivatives. <i>Journal of Organometallic Chemistry</i> , 2013, 741-742, 148-152. | 0.8 | 25 |
| 50 | Rhodium-Catalyzed Intermolecular [2 + 2] Cycloaddition of Terminal Alkynes with Electron-Deficient Alkenes. <i>Organic Letters</i> , 2013, 15, 1024-1027. | 2.4 | 61 |
| 51 | Rhodium-Catalyzed Dimerization of Arylacetylenes and Addition of Malonates to 1,3-Enynes. <i>Synthesis</i> , 2013, 45, 2088-2092. | 1.2 | 18 |
| 52 | Copper-Catalyzed Electrochemical Chlorination of 1,3-Dicarbonyl Compounds Using Hydrochloric Acid. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 935-937. | 1.3 | 28 |
| 53 | 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. | 0.0 | 2 |
| 54 | Chain-Walking Strategy for Organic Synthesis: Catalytic Cycloisomerization of 1, <i>n</i> -Dienes. <i>Journal of the American Chemical Society</i> , 2012, 134, 16544-16547. | 6.6 | 148 |

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|----|---|-----|-----------|
| 55 | Catalytic Electrochemical C-H Iodination and One-Pot Arylation by ON/OFF Switching of Electric Current. <i>Journal of Organic Chemistry</i> , 2012, 77, 7718-7724. | 1.7 | 107 |
| 56 | Short Synthesis of Alkyl-Substituted Acenes Using Carbonyl-Directed C-H and C=O Functionalization. <i>Organic Letters</i> , 2012, 14, 3882-3885. | 2.4 | 30 |
| 57 | Ruthenium-Catalyzed Conversion of sp ³ C=O Bonds in Ethers to C=C Bonds Using Triarylboroxines. <i>Organic Letters</i> , 2011, 13, 3254-3257. | 2.4 | 37 |
| 58 | Rhodium-Catalyzed anti-Markovnikov Addition of Secondary Amines to Arylacetylenes at Room Temperature. <i>Organic Letters</i> , 2011, 13, 3928-3931. | 2.4 | 40 |
| 59 | Rhodium-Catalyzed Anti-Markovnikov Intermolecular Hydroalkoxylation of Terminal Acetylenes. <i>Journal of the American Chemical Society</i> , 2011, 133, 32-34. | 6.6 | 94 |
| 60 | Convenient Synthesis of Dibenzo[<i>a,h</i>]anthracenes and Picones via C-H Arylation of Acetophenones with Arenediboronates. <i>Chemistry Letters</i> , 2011, 40, 300-302. | 0.7 | 37 |
| 61 | Ruthenium-catalyzed arylation of fluorinated aromatic ketones via ortho-selective carbon-fluorine bond cleavage. <i>Tetrahedron Letters</i> , 2011, 52, 5888-5890. | 0.7 | 33 |
| 62 | 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. | 0.8 | 23 |
| 63 | 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, 17741-17750. | 6.6 | 103 |
| 64 | Control of Product Selectivity by a Styrene Additive in Ruthenium-Catalyzed C-H Arylation. <i>Organic Letters</i> , 2010, 12, 5318-5321. | 2.4 | 40 |
| 65 | 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, 1951-1954. | 2.4 | 61 |
| 66 | Unique Effect of Coordination of an Alkene Moiety in Products on Ruthenium-Catalyzed Chemoselective C-H Alkenylation. <i>Organic Letters</i> , 2009, 11, 855-858. | 2.4 | 34 |
| 67 | 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, 7238-7239. | 6.6 | 112 |
| 68 | Palladium-Catalyzed Aromatic C-H Halogenation with Hydrogen Halides by Means of Electrochemical Oxidation. <i>Journal of the American Chemical Society</i> , 2009, 131, 11310-11311. | 6.6 | 313 |
| 69 | Transition-Metal-Catalyzed Carbon-Carbon Bond Formation via Carbon-Hydrogen Bond Cleavage. <i>Synthesis</i> , 2008, 2008, 3013-3039. | 1.2 | 752 |
| 70 | Catalytic Addition of C-H Bonds to C=C Multiple Bonds. <i>Topics in Organometallic Chemistry</i> , 2007, 1-33. | 0.7 | 65 |
| 71 | The Ru(cod)(cot)-Catalyzed Alkenylation of Aromatic C-H Bonds with Alkenyl Acetates. <i>Journal of the American Chemical Society</i> , 2007, 129, 9858-9859. | 6.6 | 154 |
| 72 | 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, 6098-6099. | 6.6 | 177 |

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|----|--|-----|-----------|
| 73 | 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, 3600-3602. | 1.7 | 46 |
| 74 | 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, 16516-16517. | 6.6 | 164 |
| 75 | Ruthenium-Catalyzed Reactions via sp ² C-H, sp ² C-H, sp ³ C-H, and C-Halogen Bond Activations. , 2005, , 219-255. | | 16 |
| 76 | 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, 5936-5945. | 6.6 | 273 |
| 77 | Alkylation and Allylation Adjacent to a Carbonyl Group. , 2005, , 13-33. | | 0 |
| 78 | Activation of Inert C-H Bonds. <i>Topics in Organometallic Chemistry</i> , 2004, , 45-79. | 0.7 | 40 |
| 79 | 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, 4433-4440. | 1.7 | 81 |
| 80 | 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, 12792-12793. | 6.6 | 168 |
| 81 | Ruthenium-Catalyzed Functionalization of Aryl Carbon-Oxygen Bonds in Aromatic Ethers with Organoboron Compounds. <i>Journal of the American Chemical Society</i> , 2004, 126, 2706-2707. | 6.6 | 240 |
| 82 | Catalytic Methods for C-H Bond Functionalization: Application in Organic Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2003, 345, 1077-1101. | 2.1 | 1,032 |
| 83 | The ruthenium-catalyzed silylation of aromatic C-H bonds with triethylsilane. <i>Journal of Organometallic Chemistry</i> , 2003, 686, 134-144. | 0.8 | 125 |
| 84 | 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, 1698-1699. | 6.6 | 346 |
| 85 | 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. | 0.7 | 117 |
| 86 | Catalytic C-H/Olefin Coupling. <i>Accounts of Chemical Research</i> , 2002, 35, 826-834. | 7.6 | 1,035 |
| 87 | 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. | 4.8 | 71 |
| 88 | 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, 10935-10941. | 6.6 | 326 |
| 89 | 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. | 0.7 | 67 |
| 90 | Ruthenium-Catalyzed Dehydrogenative Silylation of Aryloxazolines with Hydrosilanes via C-H Bond Cleavage. <i>Chemistry Letters</i> , 2001, 30, 422-423. | 0.7 | 98 |

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|-----|--|-----|-----------|
| 91 | A New Synthetic Route to Heteroarylsilanes via Ruthenium-Catalyzed C-H/SiR ₃ Coupling. <i>Chemistry Letters</i> , 2000, 29, 750-751. | 0.7 | 62 |
| 92 | Atropselective alkylation of biaryl compounds by means of transition metal-catalyzed C-H/olefin coupling. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 2647-2651. | 1.8 | 224 |
| 93 | 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. | 6.6 | 188 |
| 94 | 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. | 6.6 | 157 |
| 95 | Ruthenium-Catalyzed Coupling of Aromatic Carbon-Hydrogen Bonds in Aromatic Imidates with Olefins. <i>Chemistry Letters</i> , 1999, 28, 19-20. | 0.7 | 62 |
| 96 | The Ruthenium-Catalyzed Addition of C-H Bonds in Aromatic Nitriles to Olefins. <i>Chemistry Letters</i> , 1999, 28, 1083-1084. | 0.7 | 84 |
| 97 | Activation of C-H Bonds: Catalytic Reactions. <i>Topics in Organometallic Chemistry</i> , 1999, , 47-79. | 0.7 | 170 |
| 98 | 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. | 1.7 | 53 |
| 99 | 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. | 2.0 | 74 |
| 100 | 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. | 2.0 | 136 |
| 101 | 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. | 1.7 | 93 |
| 102 | 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. | 1.7 | 151 |
| 103 | Catalytic Dimerization of Acrylonitrile. <i>Organometallics</i> , 1997, 16, 2233-2235. | 1.1 | 49 |
| 104 | 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. | 1.1 | 95 |
| 105 | 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. | 6.6 | 163 |
| 106 | Ruthenium-Catalyzed Addition of Aromatic Esters at the ortho C-H Bonds to Olefins. <i>Chemistry Letters</i> , 1996, 25, 109-110. | 0.7 | 76 |
| 107 | Ruthenium-Catalyzed Addition of Aromatic Imines at the ortho C-H Bonds to Olefins. <i>Chemistry Letters</i> , 1996, 25, 111-112. | 0.7 | 108 |
| 108 | Catalytic Addition of Aromatic C-H Bonds to Acetylenes. <i>Chemistry Letters</i> , 1995, 24, 681-682. | 0.7 | 167 |

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|-----|--|------|-----------|
| 109 | Catalytic Addition of Aromatic Carbon-Hydrogen Bonds to Olefins with the Aid of Ruthenium Complexes. Bulletin of the Chemical Society of Japan, 1995, 68, 62-83. | 2.0 | 336 |
| 110 | Efficient catalytic addition of aromatic carbon-hydrogen bonds to olefins. Nature, 1993, 366, 529-531. | 13.7 | 1,273 |