

Yoshiaki Nakao

List of Publications by Year in descending order

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146
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11,485
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times ranked

5207
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Silicon-based cross-coupling reaction: an environmentally benign version. <i>Chemical Society Reviews</i> , 2011, 40, 4893. | 38.1 | 607 |
| 2 | A Strategy for C-H Activation of Pyridines: Direct C-2 Selective Alkenylation of Pyridines by Nickel/Lewis Acid Catalysis. <i>Journal of the American Chemical Society</i> , 2008, 130, 2448-2449. | 13.7 | 400 |
| 3 | Selective C-4 Alkylation of Pyridine by Nickel/Lewis Acid Catalysis. <i>Journal of the American Chemical Society</i> , 2010, 132, 13666-13668. | 13.7 | 372 |
| 4 | Nickel-Catalyzed Alkenylation and Alkylation of Fluoroarenes via Activation of C-H Bond over C-F Bond. <i>Journal of the American Chemical Society</i> , 2008, 130, 16170-16171. | 13.7 | 283 |
| 5 | A Dramatic Effect of Lewis-Acid Catalysts on Nickel-Catalyzed Carbocyanation of Alkynes. <i>Journal of the American Chemical Society</i> , 2007, 129, 2428-2429. | 13.7 | 280 |
| 6 | Nickel-Catalyzed Addition of Pyridine-N-oxides across Alkynes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8872-8874. | 13.8 | 253 |
| 7 | Hydroheteroarylation of Alkynes under Mild Nickel Catalysis. <i>Journal of the American Chemical Society</i> , 2006, 128, 8146-8147. | 13.7 | 252 |
| 8 | Intramolecular Arylcyanation of Alkenes Catalyzed by Nickel/AlMe ₂ Cl. <i>Journal of the American Chemical Society</i> , 2008, 130, 12874-12875. | 13.7 | 252 |
| 9 | Nickel-Catalyzed Arylcyanation of Alkynes. <i>Journal of the American Chemical Society</i> , 2004, 126, 13904-13905. | 13.7 | 235 |
| 10 | Hydroarylation of alkynes catalyzed by nickel. <i>Chemical Record</i> , 2011, 11, 242-251. | 5.8 | 235 |
| 11 | Direct Alkenylation and Alkylation of Pyridone Derivatives by Ni/AlMe ₃ Catalysis. <i>Journal of the American Chemical Society</i> , 2009, 131, 15996-15997. | 13.7 | 227 |
| 12 | A General Nickel-Catalyzed Hydroamination of 1,3-Dienes by Alkylamines: Catalyst Selection, Scope, and Mechanism. <i>Journal of the American Chemical Society</i> , 2002, 124, 3669-3679. | 13.7 | 220 |
| 13 | Arylboration of Alkenes by Cooperative Palladium/Copper Catalysis. <i>Journal of the American Chemical Society</i> , 2014, 136, 7567-7570. | 13.7 | 215 |
| 14 | Transition-Metal-Catalyzed C-H Functionalization for the Synthesis of Substituted Pyridines. <i>Synthesis</i> , 2011, 2011, 3209-3219. | 2.3 | 208 |
| 15 | Alkenyl- and Aryl[2-(hydroxymethyl)phenyl]dimethylsilanes: An Entry to Tetraorganosilicon Reagents for the Silicon-Based Cross-Coupling Reaction. <i>Journal of the American Chemical Society</i> , 2005, 127, 6952-6953. | 13.7 | 202 |
| 16 | Nickel-Catalyzed Hydroheteroarylation of Vinylarenes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4451-4454. | 13.8 | 194 |
| 17 | Nickel/Lewis Acid-Catalyzed Cyanoesterification and Cyanocarbamoylation of Alkynes. <i>Journal of the American Chemical Society</i> , 2010, 132, 10070-10077. | 13.7 | 186 |
| 18 | Selective C-H Borylation of (Hetero)Arenes by Cooperative Iridium/Aluminum Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4853-4857. | 13.8 | 164 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Hydrocarbonylation of Unsaturated Bonds by Nickel/Lewis-Acid Catalysis. Journal of the American Chemical Society, 2009, 131, 5070-5071. | 13.7 | 163 |
| 20 | The Suzuki–Miyaura Coupling of Nitroarenes. Journal of the American Chemical Society, 2017, 139, 9423-9426. | 13.7 | 158 |
| 21 | Dehydrogenative [4 + 2] Cycloaddition of Formamides with Alkynes through Double C–H Activation. Journal of the American Chemical Society, 2011, 133, 3264-3267. | 13.7 | 150 |
| 22 | <i>para</i> -Selective Alkylation of Benzamides and Aromatic Ketones by Cooperative Nickel/Aluminum Catalysis. Journal of the American Chemical Society, 2016, 138, 14699-14704. | 13.7 | 149 |
| 23 | Anti-Markovnikov Hydroheteroarylation of Unactivated Alkenes with Indoles, Pyrroles, Benzofurans, and Furans Catalyzed by a Nickel–N-Heterocyclic Carbene System. Journal of the American Chemical Society, 2015, 137, 12215-12218. | 13.7 | 135 |
| 24 | meta-Selective C–H Borylation of Benzamides and Pyridines by an Iridium–Lewis Acid Bifunctional Catalyst. Journal of the American Chemical Society, 2019, 141, 7972-7979. | 13.7 | 134 |
| 25 | Organo[2-(hydroxymethyl)phenyl]dimethylsilanes as Mild and Reproducible Agents for Rhodium-Catalyzed 1,4-Addition Reactions. Journal of the American Chemical Society, 2007, 129, 9137-9143. | 13.7 | 131 |
| 26 | Nickel-catalyzed carbocyanation of alkynes. Pure and Applied Chemistry, 2008, 80, 1097-1107. | 1.9 | 129 |
| 27 | Nickel-catalysed anti-Markovnikov hydroarylation of unactivated alkenes with unactivated arenes facilitated by non-covalent interactions. Nature Chemistry, 2020, 12, 276-283. | 13.6 | 129 |
| 28 | Allylcyanation of Alkynes: A Regio- and Stereoselective Access to Functionalized Di- or Trisubstituted Acrylonitriles. Journal of the American Chemical Society, 2006, 128, 7116-7117. | 13.7 | 127 |
| 29 | Nickel-Catalyzed Carbocyanation of Alkynes with Allyl Cyanides. Journal of the American Chemical Society, 2009, 131, 10964-10973. | 13.7 | 125 |
| 30 | Reductive Cross-Coupling of Conjugated Arylalkenes and Aryl Bromides with Hydrosilanes by Cooperative Palladium/Copper Catalysis. Angewandte Chemie - International Edition, 2016, 55, 6275-6279. | 13.8 | 124 |
| 31 | Heteroatom-Directed Alkylcyanation of Alkynes. Journal of the American Chemical Society, 2010, 132, 10024-10026. | 13.7 | 121 |
| 32 | Alkylation of Pyridone Derivatives By Nickel/Lewis Acid Catalysis. Angewandte Chemie - International Edition, 2012, 51, 5679-5682. | 13.8 | 114 |
| 33 | Carbostannylation of Alkynes Catalyzed by an Iminophosphine–Palladium Complex. Journal of the American Chemical Society, 1998, 120, 2975-2976. | 13.7 | 111 |
| 34 | Cross-Coupling Reactions through the Intramolecular Activation of Alkyl(triorgano)silanes. Angewandte Chemie - International Edition, 2010, 49, 4447-4450. | 13.8 | 103 |
| 35 | Intramolecular Aminocyanation of Alkenes by Cooperative Palladium/Boron Catalysis. Journal of the American Chemical Society, 2014, 136, 3732-3735. | 13.7 | 102 |
| 36 | Cyanoesterification of 1,2-Dienes: A Synthesis and Transformations of Highly Functionalized β -Cyanomethylacrylate Esters. Journal of the American Chemical Society, 2006, 128, 7420-7421. | 13.7 | 100 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Nickel/BPh ₃ -Catalyzed Alkynylcyanation of Alkynes and 1,2-Dienes: An Efficient Route to Highly Functionalized Conjugated Enynes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 385-387. | 13.8 | 99 |
| 38 | Rhodium Complexes Bearing PAIP Pincer Ligands. <i>Journal of the American Chemical Society</i> , 2018, 140, 7070-7073. | 13.7 | 96 |
| 39 | Buchwald-Hartwig Amination of Nitroarenes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13307-13309. | 13.8 | 95 |
| 40 | Cross-Coupling of Triallyl(aryl)silanes with Aryl Bromides and Chlorides: An Alternative Convenient Biaryl Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 1715-1727. | 4.3 | 89 |
| 41 | Why Does Fluoride Anion Accelerate Transmetalation between Vinylsilane and Palladium(II)-Vinyl Complex? Theoretical Study. <i>Journal of the American Chemical Society</i> , 2008, 130, 12975-12985. | 13.7 | 88 |
| 42 | Highly Chemoselective Carbon-Carbon Bond Activation: Nickel/Lewis Acid Catalyzed Polyfluoroarylcyanation of Alkynes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 883-887. | 13.8 | 87 |
| 43 | Catalytic Asymmetric Synthesis of Allylsilanes through Rhodium/Chiral Diene-Catalyzed 1,4-Addition of Alkenyl[2-(hydroxymethyl)phenyl]dimethylsilanes. <i>Organic Letters</i> , 2007, 9, 4643-4645. | 4.6 | 85 |
| 44 | A Silicon-Based Approach to Oligoarenes by Iterative Cross-Coupling Reactions of Halogenated Organo[(2-hydroxymethyl)phenyl]dimethylsilanes. <i>Journal of the American Chemical Society</i> , 2007, 129, 11694-11695. | 13.7 | 84 |
| 45 | Arylboration of 1-Arylalkenes by Cooperative Nickel/Copper Catalysis. <i>Organic Letters</i> , 2016, 18, 3956-3959. | 4.6 | 84 |
| 46 | Aromatic C-H Bond Activation by Ni ⁰ , Pd ⁰ , and Pt ⁰ Alkene Complexes: Concerted Oxidative Addition to Metal vs Ligand-to-Ligand H Transfer Mechanism. <i>Organometallics</i> , 2017, 36, 2761-2771. | 2.3 | 84 |
| 47 | Intramolecular Oxycyanation of Alkenes by Cooperative Pd/BPh ₃ Catalysis. <i>Journal of the American Chemical Society</i> , 2012, 134, 6544-6547. | 13.7 | 82 |
| 48 | Metal-mediated C≡N Bond Activation in Organic Synthesis. <i>Chemical Reviews</i> , 2021, 121, 327-344. | 47.7 | 81 |
| 49 | Arylcyanation of alkynes catalyzed by nickel. <i>Tetrahedron</i> , 2006, 62, 7567-7576. | 1.9 | 79 |
| 50 | Palladium-Catalyzed Dimerization/Carbostannylation of Alkynes: A Synthesis of Highly Conjugated Alkenylstannanes. <i>Journal of the American Chemical Society</i> , 1999, 121, 4290-4291. | 13.7 | 76 |
| 51 | Nickel/Lewis Acid-Catalyzed Carbocyanation of Unsaturated Compounds. <i>Bulletin of the Chemical Society of Japan</i> , 2012, 85, 731-745. | 3.2 | 74 |
| 52 | Regioselective Alkylation of Sulfonylarenes by Cooperative Nickel/Aluminum Catalysis. <i>Organic Letters</i> , 2017, 19, 584-587. | 4.6 | 74 |
| 53 | Arylcyanation of Norbornene and Norbornadiene Catalyzed by Nickel. <i>Chemistry Letters</i> , 2006, 35, 790-791. | 1.3 | 73 |
| 54 | Palladium-Iminophosphine-Catalyzed Alkynylstannylation of Alkynes. <i>Organometallics</i> , 2000, 19, 5671-5678. | 2.3 | 70 |

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|----|--|------|-----------|
| 55 | Synthesis and cross-coupling reaction of alkenyl[(2-hydroxymethyl)phenyl]dimethylsilanes. Journal of Organometallic Chemistry, 2007, 692, 585-603. | 1.8 | 69 |
| 56 | Hydrofluoroarylation of alkynes with fluoroarenes. Dalton Transactions, 2010, 39, 10483. | 3.3 | 69 |
| 57 | Regioselective alkenylation of imidazoles by nickel/Lewis acid catalysis. Tetrahedron Letters, 2009, 50, 3463-3466. | 1.4 | 67 |
| 58 | Cyanoesterification of 1,2-Dienes Catalyzed by Nickel. Journal of the American Chemical Society, 2009, 131, 6624-6631. | 13.7 | 67 |
| 59 | Nickel/AlMe ₂ Cl-catalysed carbocyanation of alkynes using arylacetonitriles. Chemical Communications, 2009, , 3931. | 4.1 | 62 |
| 60 | Catalytic C≡CN Bond Activation. Topics in Current Chemistry, 2014, 346, 33-58. | 4.0 | 61 |
| 61 | Site-Selective Linear Alkylation of Anilides by Cooperative Nickel/Aluminum Catalysis. Angewandte Chemie - International Edition, 2018, 57, 929-932. | 13.8 | 61 |
| 62 | A Theoretical Study of Nickel(0)-Catalyzed Phenylcyanation of Alkynes. Reaction Mechanism and Regioselectivity. Organometallics, 2009, 28, 2583-2594. | 2.3 | 60 |
| 63 | Magnesiation of Aryl Fluorides Catalyzed by a Rhodium-Aluminum Complex. Journal of the American Chemical Society, 2020, 142, 11647-11652. | 13.7 | 59 |
| 64 | Nickel-Catalyzed Acylstannylation of 1,3-Dienes: Synthesis and Reaction of μ -Oxoallylstannanes. Journal of the American Chemical Society, 2000, 122, 9030-9031. | 13.7 | 53 |
| 65 | Cross-coupling Reaction of Allylic and Benzylic Carbonates with Organo[2-(hydroxymethyl)phenyl]dimethylsilanes. Chemistry Letters, 2007, 36, 606-607. | 1.3 | 53 |
| 66 | Alkynylcyanation of alkynes and dienes catalyzed by nickel. Tetrahedron, 2009, 65, 5037-5050. | 1.9 | 53 |
| 67 | Site-Selective C-H Borylation of (Hetero)Arenes by Cooperative Iridium/Aluminum Catalysis. Angewandte Chemie, 2017, 129, 4931-4935. | 2.0 | 52 |
| 68 | Nickel/Lewis Acid-Catalyzed Carbocyanation of Alkynes Using Acetonitrile and Substituted Acetonitriles. Bulletin of the Chemical Society of Japan, 2010, 83, 619-634. | 3.2 | 51 |
| 69 | Reductive Cross-Coupling of Conjugated Arylalkenes and Aryl Bromides with Hydrosilanes by Cooperative Palladium/Copper Catalysis. Angewandte Chemie, 2016, 128, 6383-6387. | 2.0 | 51 |
| 70 | Cross-Coupling Reactions of Nitroarenes. Accounts of Chemical Research, 2021, 54, 2928-2935. | 15.6 | 50 |
| 71 | Mechanistic Aspects of Palladium-Catalyzed Allylstannylation of Alkynes. Organic Letters, 2000, 2, 2209-2211. | 4.6 | 48 |
| 72 | Palladium-iminophosphine-catalyzed homocoupling of alkynylstannanes and other organostannanes using allyl acetate or air as an oxidant. Journal of Organometallic Chemistry, 2003, 670, 132-136. | 1.8 | 48 |

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|----|--|------|-----------|
| 73 | Alkenyl- and aryl[2-(hydroxymethyl)phenyl]dimethylsilanes: Tetraorganosilanes for the practical cross-coupling reaction. <i>Pure and Applied Chemistry</i> , 2006, 78, 435-440. | 1.9 | 48 |
| 74 | Copper-Catalyzed Semihydrogenation of Alkynes to Z-Alkenes. <i>Synlett</i> , 2015, 26, 318-322. | 1.8 | 48 |
| 75 | Nickel-Catalyzed Tandem Carbostannylation of Alkynes and 1,2-Dienes with Alkynylstannanes. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3448-3451. | 13.8 | 47 |
| 76 | Regioselective Hydrocarbamylation of 1-Alkenes. <i>Chemistry Letters</i> , 2012, 41, 298-300. | 1.3 | 47 |
| 77 | Biaryl synthesis using highly stable aryl[2-(hydroxymethyl)phenyl]dimethylsilanes and aryl iodides under fluoride-free conditions. <i>Science and Technology of Advanced Materials</i> , 2006, 7, 536-543. | 6.1 | 45 |
| 78 | Synthesis of Biaryls and Oligoarenes Using Aryl[2-(hydroxymethyl)phenyl]dimethylsilanes. <i>Bulletin of the Chemical Society of Japan</i> , 2010, 83, 554-569. | 3.2 | 45 |
| 79 | Practical Approach for Hydroheteroarylation of Alkynes Using Bench-Stable Catalyst. <i>Heterocycles</i> , 2007, 72, 677. | 0.7 | 45 |
| 80 | Dimerization—Carbostannylation of Alkynes Catalyzed by a Palladium—Diimine Complex: Regioselectivity, Stereoselectivity and Mechanism. <i>Bulletin of the Chemical Society of Japan</i> , 2001, 74, 637-647. | 3.2 | 44 |
| 81 | Catalyst-enabled Site-selectivity in the Iridium-catalyzed C—H Borylation of Arenes. <i>Chemistry Letters</i> , 2019, 48, 1092-1100. | 1.3 | 44 |
| 82 | Nickel-catalysed cross-coupling reaction of aryl(trialkyl)silanes with aryl chlorides and tosylates. <i>Chemical Communications</i> , 2011, 47, 307-309. | 4.1 | 43 |
| 83 | Selective C—O Bond Reduction and Borylation of Aryl Ethers Catalyzed by a Rhodium—Aluminum Heterobimetallic Complex. <i>Journal of the American Chemical Society</i> , 2021, 143, 6388-6394. | 13.7 | 43 |
| 84 | Cooperative Catalysis of Combined Systems of Transition—Metal Complexes with Lewis Acids: Theoretical Understanding. <i>Chemical Record</i> , 2016, 16, 2405-2425. | 5.8 | 42 |
| 85 | Reductive Denitration of Nitroarenes. <i>Organic Letters</i> , 2018, 20, 1655-1658. | 4.6 | 42 |
| 86 | Pd/NHC-catalyzed cross-coupling reactions of nitroarenes. <i>Chemical Communications</i> , 2019, 55, 9291-9294. | 4.1 | 41 |
| 87 | Nickel/Lewis Acid-Catalyzed Aryl- and Alkenylcyanation of Unsaturated Bonds. <i>Bulletin of the Chemical Society of Japan</i> , 2010, 83, 1170-1184. | 3.2 | 39 |
| 88 | Regio- and Stereoselective Decarbonylative Carbostannylation of Alkynes Catalyzed by Pd/C. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2271-2274. | 13.8 | 38 |
| 89 | Rhodium-catalyzed Addition of Organo[2-(hydroxymethyl)phenyl]dimethylsilanes to Arenesulfonylimines. <i>Chemistry Letters</i> , 2008, 37, 290-291. | 1.3 | 38 |
| 90 | Pd-Catalyzed Denitrative Intramolecular C—H Arylation. <i>Organic Letters</i> , 2019, 21, 4721-4724. | 4.6 | 38 |

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| 91 | Stannylation Cycloaddition of Enynes Catalyzed by Palladium-Iminophosphine. Journal of the American Chemical Society, 2004, 126, 15650-15651. | 13.7 | 37 |
| 92 | Selective Hydrogenolysis of Arenols with Hydrosilanes by Nickel Catalysis. Chemistry Letters, 2016, 45, 45-47. | 1.3 | 35 |
| 93 | Triallyl(aryl)silanes serve as a convenient agent for silicon-based cross-coupling reaction of aryl halides. Journal of Organometallic Chemistry, 2003, 687, 570-573. | 1.8 | 34 |
| 94 | Theoretical Study of Nickel-Catalyzed Selective Alkenylation of Pyridine: Reaction Mechanism and Crucial Roles of Lewis Acid and Ligands in Determining the Selectivity. Journal of Organic Chemistry, 2017, 82, 289-301. | 3.2 | 34 |
| 95 | Nickel-catalysed acylstannylation of 1,2-dienes: synthesis and reactions of β -(acylmethyl)vinylstannanes. Chemical Communications, 2001, , 263-264. | 4.1 | 32 |
| 96 | Nickel-catalyzed acylstannylation and alkynylstannylation of 1,2-dienes. Journal of Organometallic Chemistry, 2004, 689, 3701-3721. | 1.8 | 30 |
| 97 | A Highly Effective and Practical Biaryl Synthesis with Triallyl(aryl)silanes and Aryl Chlorides. Chemistry Letters, 2004, 33, 632-633. | 1.3 | 29 |
| 98 | Rhodium-Catalyzed Hydroarylation and Hydroalkenylation of Alkynes Using Organo[2-(hydroxymethyl)phenyl]dimethylsilanes. Synlett, 2008, 2008, 774-776. | 1.8 | 28 |
| 99 | Carboallylation of Electron-Deficient Alkenes with Organoboron Compounds and Allylic Carbonates by Cooperative Palladium/Copper Catalysis. Organic Letters, 2019, 21, 4407-4410. | 4.6 | 27 |
| 100 | Characterization of Rh-Al Bond in Rh(PAIP) (PAIP = Pincer-type Diphosphino-Alumanyl Ligand) in Comparison with Rh(L)(PMe ₃) ₂ (L = AlMe ₂), Tj ETQqO O O rgBT /Overlock 10 Tf 50 382 Td (Al(NM | 4.0 | 27 |
| 101 | Cross-coupling reactions by cooperative Pd/Cu or Ni/Cu catalysis based on the catalytic generation of organocopper nucleophiles. Tetrahedron, 2019, 75, 709-719. | 1.9 | 25 |
| 102 | Homocoupling of Organostannanes Catalyzed by Iminophosphine-Palladium. Synlett, 1997, 1997, 1143-1144. | 1.8 | 24 |
| 103 | Transition metal-catalysed acylation of β,β -unsaturated carbonyl compounds with acylstannanes. Chemical Communications, 2001, , 1926-1927. | 4.1 | 24 |
| 104 | How To Perform Suzuki-Miyaura Reactions of Nitroarene or Nitrations of Bromoarene Using a Pd ⁰ Phosphine Complex: Theoretical Insight and Prediction. Organometallics, 2018, 37, 3480-3487. | 2.3 | 24 |
| 105 | Synthesis of rhazinilam through intramolecular arylcyanation of alkenes catalyzed cooperatively by nickel/aluminum. Tetrahedron, 2015, 71, 4413-4417. | 1.9 | 21 |
| 106 | C2-Selective silylation of pyridines by a rhodium-aluminum complex. Chemical Communications, 2021, 57, 5957-5960. | 4.1 | 21 |
| 107 | Synthesis of polycyclic compounds utilizing the nickel-catalysed alkynylstannylation of 1,2-dienes. Chemical Communications, 2002, , 1962-1963. | 4.1 | 20 |
| 108 | Silicon-based Cross-coupling of Aryl Tosylates by Cooperative Palladium/Copper Catalysis. Chemistry Letters, 2016, 45, 973-975. | 1.3 | 20 |

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|-----|---|------|-----------|
| 109 | Palladium Complexes Bearing Z-type PAIP Pincer Ligands. <i>Chemistry Letters</i> , 2017, 46, 1247-1249. | 1.3 | 20 |
| 110 | C2-selective alkylation of pyridines by rhodium–aluminum complexes. <i>Tetrahedron</i> , 2021, 95, 132339. | 1.9 | 19 |
| 111 | New preparation and synthetic reactions of 3,3,3-trifluoropropynyllithium, -borate and -stannane: facile synthesis of trifluoromethylated allenes, arylacetylenes and enynes. <i>Future Medicinal Chemistry</i> , 2009, 1, 921-945. | 2.3 | 18 |
| 112 | Polyarylene Synthesis by Cross-Coupling with HOMSi Reagents. <i>Chemistry Letters</i> , 2013, 42, 45-47. | 1.3 | 18 |
| 113 | Arylboration of Internal Alkynes by Cooperative Palladium/Copper Catalysis. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 1340-1343. | 3.2 | 18 |
| 114 | Synthesis of Polysubstituted Benzenes from 2-Pyrone-4,6-dicarboxylic Acid. <i>Chemistry Letters</i> , 2014, 43, 1349-1351. | 1.3 | 17 |
| 115 | C3-Selective alkenylation of N-acylindoles with unactivated internal alkynes by cooperative nickel/aluminium catalysis. <i>Chemical Communications</i> , 2017, 53, 4497-4500. | 4.1 | 17 |
| 116 | A PAIP Pincer Ligand Bearing a 2-Diphenylphosphinophenoxy Backbone. <i>Inorganics</i> , 2019, 7, 140. | 2.7 | 16 |
| 117 | Facile Synthesis of Trifluoromethyl-substituted Enynes: Remarkable Reactivity and Stereoselectivity of Tributyl(3,3,3-trifluoropropynyl)stannane in Carbostannylation of Alkynes. <i>Chemistry Letters</i> , 2005, 34, 1700-1701. | 1.3 | 15 |
| 118 | Asymmetric Synthesis of Indolines Bearing a Benzylic Quaternary Stereocenter through Intramolecular Arylcyanation of Alkenes. <i>Synlett</i> , 2010, 2010, 1709-1711. | 1.8 | 15 |
| 119 | How to Control Inversion vs Retention Transmetalation between Pd ^{II} –Phenyl and Cu ^I –Alkyl Complexes: Theoretical Insight. <i>Journal of the American Chemical Society</i> , 2017, 139, 14065-14076. | 13.7 | 13 |
| 120 | Carboallylation of electron-deficient alkenes by palladium/copper catalysis. <i>Chemical Communications</i> , 2018, 54, 11463-11466. | 4.1 | 13 |
| 121 | Hydrogenative Cross-coupling of Internal Alkynes and Aryl Iodides by Palladium/Copper Cooperative Catalysis. <i>Chemistry Letters</i> , 2018, 47, 213-216. | 1.3 | 12 |
| 122 | Silicon-Based Cross-Coupling Reactions Through Intramolecular Activation. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2011, 69, 1221-1230. | 0.1 | 11 |
| 123 | Site-Selective Linear Alkylation of Anilides by Cooperative Nickel/Aluminum Catalysis. <i>Angewandte Chemie</i> , 2018, 130, 941-944. | 2.0 | 11 |
| 124 | X-Type Alumanyl Ligands for Transition-Metal Catalysis. <i>ACS Catalysis</i> , 2022, 12, 1626-1638. | 11.2 | 11 |
| 125 | Pd-Catalyzed Etherification of Nitroarenes. <i>Organometallics</i> , 2021, 40, 2209-2214. | 2.3 | 10 |
| 126 | Synthesis, Electronic Properties, and Lewis Acidity of Rhodium Complexes Bearing X-Type PBP, PAIP, and PGaP Pincer Ligands. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 1859-1868. | 3.2 | 10 |

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|-----|---|-----|-----------|
| 127 | Aluminum-Mediated C6-Selective C-H Alkylation of 2-Carbamoylbenzofuran by Nickel Catalysis. Asian Journal of Organic Chemistry, 2018, 7, 1355-1357. | 2.7 | 9 |
| 128 | Coordination Flexibility of the Rh(PXP) Complex to NH ₃ , CO, and C ₂ H ₄ (PXP = Diphosphine-Based Pincer Ligand; X = B, Al, and Ga): Theoretical Insight. Inorganic Chemistry, 2020, 59, 15862-15876. | 4.0 | 9 |
| 129 | Buchwald-Hartwig Amination of Nitroarenes. Angewandte Chemie, 2017, 129, 13492-13494. | 2.0 | 8 |
| 130 | Carbocyanation Reactions of Alkynes. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2007, 65, 999-1008. | 0.1 | 7 |
| 131 | Aryl[2-(hydroxypropyl)cyclohexyl]dimethylsilane: A Robust Aryl(trialkyl)silane Reagent for Nickel-Catalyzed Cross-Coupling Reactions with Aryl Tosylates. Asian Journal of Organic Chemistry, 2013, 2, 416-421. | 2.7 | 7 |
| 132 | Merging Pd ⁰ /Pd ^{II} Redox and Pd ^{II} /Pd ^{II} Non-Redox Catalytic Cycles for the Allylarylation of Electron-Deficient Alkenes. Chemistry - A European Journal, 2021, 27, 5035-5040. | 3.3 | 7 |
| 133 | Rh Complex with Unique Rh-Al Direct Bond: Theoretical Insight into its Characteristic Features and Application to Catalytic Reaction via σ -Bond Activation. Topics in Catalysis, 2022, 65, 392-417. | 2.8 | 7 |
| 134 | The Kumada-Tamara-Corriu Coupling Reaction Catalyzed by Rhodium-Aluminum Bimetallic Complexes. Organic Letters, 2022, 24, 3075-3079. | 4.6 | 6 |
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