

# Yoshiaki Nakao

## List of Publications by Citations

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226  
ext. papers

10,639  
ext. citations

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6.78  
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#	Paper	IF	Citations
153	Silicon-based cross-coupling reaction: an environmentally benign version. <i>Chemical Society Reviews</i> , <b>2011</b> , 40, 4893-901	58.5	504
152	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> , <b>2008</b> , 130, 2448-9	16.4	356
151	Selective C-4 alkylation of pyridine by nickel/Lewis acid catalysis. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 13666-8	16.4	312
150	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> , <b>2008</b> , 130, 16170-1	16.4	265
149	A dramatic effect of Lewis-acid catalysts on nickel-catalyzed carbocyanation of alkynes. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 2428-9	16.4	256
148	Nickel-catalyzed addition of pyridine-N-oxides across alkynes. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 8872-4	16.4	237
147	Hydroheteroarylation of alkynes under mild nickel catalysis. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 8146-7	16.4	233
146	Intramolecular arylocyanation of alkenes catalyzed by nickel/AlMe <sub>2</sub> Cl. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 12874-5	16.4	227
145	Hydroarylation of alkynes catalyzed by nickel. <i>Chemical Record</i> , <b>2011</b> , 11, 242-51	6.6	218
144	Nickel-catalyzed arylocyanation of alkynes. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 13904-5	16.4	216
143	A general nickel-catalyzed hydroamination of 1,3-dienes by alkylamines: catalyst selection, scope, and mechanism. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 3669-79	16.4	195
142	Direct alkenylation and alkylation of pyridone derivatives by Ni/AlMe <sub>3</sub> catalysis. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 15996-7	16.4	191
141	Arylboration of alkenes by cooperative palladium/copper catalysis. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 7567-70	16.4	190
140	Transition-Metal-Catalyzed C-H Functionalization for the Synthesis of Substituted Pyridines. <i>Synthesis</i> , <b>2011</b> , 2011, 3209-3219	2.9	181
139	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> , <b>2005</b> , 127, 6952-3	16.4	181
138	Nickel-catalyzed hydroheteroarylation of vinylarenes. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 4451-4	16.4	168
137	Nickel/Lewis acid-catalyzed cyanoesterification and cyanocarbonylation of alkynes. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 10070-7	16.4	166

- 136 Hydrocarbamylation of unsaturated bonds by nickel/Lewis-acid catalysis. *Journal of the American Chemical Society*, **2009**, 131, 5070-1 16.4 143
- 135 Dehydrogenative [4 + 2] cycloaddition of formamides with alkynes through double C-H activation. *Journal of the American Chemical Society*, **2011**, 133, 3264-7 16.4 130
- 134 Nickel-catalyzed carbocyanation of alkynes. *Pure and Applied Chemistry*, **2008**, 80, 1097-1107 2.1 118
- 133 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, 9137-43 16.4 117
- 132 The Suzuki-Miyaura Coupling of Nitroarenes. *Journal of the American Chemical Society*, **2017**, 139, 9423-9426 16.4 115
- 131 Allylcyanation of alkynes: regio- and stereoselective access to functionalized di- or trisubstituted acrylonitriles. *Journal of the American Chemical Society*, **2006**, 128, 7116-7 16.4 115
- 130 para-Selective Alkylation of Benzamides and Aromatic Ketones by Cooperative Nickel/Aluminum Catalysis. *Journal of the American Chemical Society*, **2016**, 138, 14699-14704 16.4 112
- 129 Nickel-catalyzed carbocyanation of alkynes with allyl cyanides. *Journal of the American Chemical Society*, **2009**, 131, 10964-73 16.4 110
- 128 Heteroatom-directed alkylcyanation of alkynes. *Journal of the American Chemical Society*, **2010**, 132, 10024-6 16.4 109
- 127 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, 12215-8 16.4 107
- 126 para-Selective C-H Borylation of (Hetero)Arenes by Cooperative Iridium/Aluminum Catalysis. *Angewandte Chemie - International Edition*, **2017**, 56, 4853-4857 16.4 106
- 125 Reductive Cross-Coupling of Conjugated Arylalkenes and Aryl Bromides with Hydrosilanes by Cooperative Palladium/Copper Catalysis. *Angewandte Chemie - International Edition*, **2016**, 55, 6275-9 16.4 105
- 124 Intramolecular aminocyanation of alkenes by cooperative palladium/boron catalysis. *Journal of the American Chemical Society*, **2014**, 136, 3732-5 16.4 93
- 123 Alkylation of pyridone derivatives by nickel/Lewis acid catalysis. *Angewandte Chemie - International Edition*, **2012**, 51, 5679-82 16.4 92
- 122 Cyanoesterification of 1,2-dienes: synthesis and transformations of highly functionalized alpha-cyanomethylacrylate esters. *Journal of the American Chemical Society*, **2006**, 128, 7420-1 16.4 92
- 121 Cross-coupling reactions through the intramolecular activation of alkyl(triorgano)silanes. *Angewandte Chemie - International Edition*, **2010**, 49, 4447-50 16.4 89
- 120 Nickel/BPh<sub>3</sub>-catalyzed alkynylcyanation of alkynes and 1,2-dienes: an efficient route to highly functionalized conjugated enynes. *Angewandte Chemie - International Edition*, **2008**, 47, 385-7 16.4 88
- 119 Carbostannylation of Alkynes Catalyzed by an Iminophosphine Palladium Complex. *Journal of the American Chemical Society*, **1998**, 120, 2975-2976 16.4 85

118	Cross-Coupling of Triallyl(aryl)silanes with Aryl Bromides and Chlorides: An Alternative Convenient Biaryl Synthesis. <i>Advanced Synthesis and Catalysis</i> , <b>2004</b> , 346, 1715-1727	5.6	83
117	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> , <b>2007</b> , 129, 11694-5	16.4	80
116	Why does fluoride anion accelerate transmetalation between vinylsilane and palladium(II)-vinyl complex? Theoretical study. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 12975-85	16.4	74
115	Catalytic asymmetric synthesis of allylsilanes through rhodium/chiral diene-catalyzed 1,4-addition of alkenyl[2-(hydroxymethyl)phenyl]dimethylsilanes. <i>Organic Letters</i> , <b>2007</b> , 9, 4643-5	6.2	74
114	Intramolecular oxycyanation of alkenes by cooperative Pd/BPh <sub>3</sub> catalysis. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 6544-7	16.4	73
113	Arylcyanation of alkynes catalyzed by nickel. <i>Tetrahedron</i> , <b>2006</b> , 62, 7567-7576	2.4	73
112	Arylboration of 1-Arylalkenes by Cooperative Nickel/Copper Catalysis. <i>Organic Letters</i> , <b>2016</b> , 18, 3956-9	6.2	73
111	Highly chemoselective carbon-carbon $\pi$ -bond activation: nickel/Lewis acid catalyzed polyfluoroarylcyanation of alkynes. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 883-7	16.4	72
110	meta-Selective C-H Borylation of Benzamides and Pyridines by an Iridium-Lewis Acid Bifunctional Catalyst. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 7972-7979	16.4	71
109	Nickel-catalysed anti-Markovnikov hydroarylation of unactivated alkenes with unactivated arenes facilitated by non-covalent interactions. <i>Nature Chemistry</i> , <b>2020</b> , 12, 276-283	17.6	69
108	Nickel/Lewis Acid-Catalyzed Carbocyanation of Unsaturated Compounds. <i>Bulletin of the Chemical Society of Japan</i> , <b>2012</b> , 85, 731-745	5.1	65
107	Palladium-Catalyzed Dimerization/Carbostannylation of Alkynes: Synthesis of Highly Conjugated Alkenylstannanes. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 4290-4291	16.4	65
106	Nickel-Catalyzed Hydroheteroarylation of Vinylarenes. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 4553-4556	3.6	64
105	Arylcyanation of Norbornene and Norbornadiene Catalyzed by Nickel. <i>Chemistry Letters</i> , <b>2006</b> , 35, 790-791	2.7	64
104	Rhodium Complexes Bearing PAIP Pincer Ligands. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 7070-7073	16.4	64
103	Buchwald-Hartwig Amination of Nitroarenes. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 13307-13309	6.3	63
102	Cyanoesterification of 1,2-dienes catalyzed by nickel. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 6624-31	16.4	63
101	Hydrofluoroarylation of alkynes with fluoroarenes. <i>Dalton Transactions</i> , <b>2010</b> , 39, 10483-94	4.3	62

100	Synthesis and cross-coupling reaction of alkenyl[(2-hydroxymethyl)phenyl]dimethylsilanes. <i>Journal of Organometallic Chemistry</i> , <b>2007</b> , 692, 585-603	2.3	61
99	para-Selective Alkylation of Sulfonylarenes by Cooperative Nickel/Aluminum Catalysis. <i>Organic Letters</i> , <b>2017</b> , 19, 584-587	6.2	59
98	Nickel/AlMe <sub>2</sub> Cl-catalysed carbocyanation of alkynes using arylacetonitriles. <i>Chemical Communications</i> , <b>2009</b> , 3931-3	5.8	58
97	Regioselective alkenylation of imidazoles by nickel/Lewis acid catalysis. <i>Tetrahedron Letters</i> , <b>2009</b> , 50, 3463-3466	2	56
96	Aromatic C-H Bond Activation by Ni <sup>0</sup> , Pd <sup>0</sup> , and Pt <sup>0</sup> Alkene Complexes: Concerted Oxidative Addition to Metal vs Ligand-to-Ligand H Transfer Mechanism. <i>Organometallics</i> , <b>2017</b> , 36, 2761-2771	3.8	55
95	Palladium(Iminophosphine)-Catalyzed Alkynylstannylation of Alkynes. <i>Organometallics</i> , <b>2000</b> , 19, 5671-5678	3.8	55
94	Nickel-Catalyzed Addition of Pyridine-N-oxides across Alkynes. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 9028-9030	3.6	53
93	A Theoretical Study of Nickel(0)-Catalyzed Phenylcyanation of Alkynes. Reaction Mechanism and Regioselectivity. <i>Organometallics</i> , <b>2009</b> , 28, 2583-2594	3.8	52
92	Catalytic C-CN bond activation. <i>Topics in Current Chemistry</i> , <b>2014</b> , 346, 33-58		48
91	Nickel/Lewis Acid-Catalyzed Carbocyanation of Alkynes Using Acetonitrile and Substituted Acetonitriles. <i>Bulletin of the Chemical Society of Japan</i> , <b>2010</b> , 83, 619-634	5.1	46
90	Cross-coupling Reaction of Allylic and Benzylic Carbonates with Organo[2-(hydroxymethyl)phenyl]dimethylsilanes. <i>Chemistry Letters</i> , <b>2007</b> , 36, 606-607	1.7	45
89	Reductive Cross-Coupling of Conjugated Arylalkenes and Aryl Bromides with Hydrosilanes by Cooperative Palladium/Copper Catalysis. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 6383-6387	3.6	44
88	Alkynylcyanation of alkynes and dienes catalyzed by nickel. <i>Tetrahedron</i> , <b>2009</b> , 65, 5037-5050	2.4	44
87	Alkenyl- and aryl[2-(hydroxymethyl)phenyl]dimethylsilanes: Tetraorganosilanes for the practical cross-coupling reaction. <i>Pure and Applied Chemistry</i> , <b>2006</b> , 78, 435-440	2.1	43
86	Palladium(Iminophosphine)-catalyzed homocoupling of alkynylstannanes and other organostannanes using allyl acetate or air as an oxidant. <i>Journal of Organometallic Chemistry</i> , <b>2003</b> , 670, 132-136	2.3	43
85	Nickel-Catalyzed Acylstannylation of 1,3-Dienes: Synthesis and Reaction of Oxoallylstannanes. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 9030-9031	16.4	42
84	Site-Selective Linear Alkylation of Anilides by Cooperative Nickel/Aluminum Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 929-932	16.4	42
83	Copper-Catalyzed Semihydrogenation of Alkynes to Z-Alkenes. <i>Synlett</i> , <b>2015</b> , 26, 318-322	2.2	41

82	Synthesis of Biaryls and Oligoarenes Using Aryl[2-(hydroxymethyl)phenyl]dimethylsilanes. <i>Bulletin of the Chemical Society of Japan</i> , <b>2010</b> , 83, 554-569	5.1	41
81	Practical Approach for Hydroheteroarylation of Alkynes Using Bench-Stable Catalyst. <i>Heterocycles</i> , <b>2007</b> , 72, 677	0.8	40
80	Nickel-catalysed cross-coupling reaction of aryl(trialkyl)silanes with aryl chlorides and tosylates. <i>Chemical Communications</i> , <b>2011</b> , 47, 307-9	5.8	38
79	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> , <b>2006</b> , 7, 536-543	7.1	38
78	Nickel-catalyzed tandem carbostannylation of alkynes and 1,2-dienes with alkynylstannanes. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 3448-51	16.4	38
77	Dimerization/Carbostannylation of Alkynes Catalyzed by a Palladium Diimine Complex: Regioselectivity, Stereoselectivity and Mechanism. <i>Bulletin of the Chemical Society of Japan</i> , <b>2001</b> , 74, 637-647	5.1	38
76	Mechanistic aspects of palladium-catalyzed allylstannylation of alkynes. <i>Organic Letters</i> , <b>2000</b> , 2, 2209-11	6.2	37
75	Nickel/Lewis Acid-Catalyzed Aryl- and Alkenylcyanation of Unsaturated Bonds. <i>Bulletin of the Chemical Society of Japan</i> , <b>2010</b> , 83, 1170-1184	5.1	36
74	para-Selective C-H Borylation of (Hetero)Arenes by Cooperative Iridium/Aluminum Catalysis. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 4931-4935	3.6	35
73	Regioselective Hydrocarbamoylation of 1-Alkenes. <i>Chemistry Letters</i> , <b>2012</b> , 41, 298-300	1.7	35
72	Rhodium-catalyzed Addition of Organo[2-(hydroxymethyl)phenyl]dimethylsilanes to Arenesulfonylimines. <i>Chemistry Letters</i> , <b>2008</b> , 37, 290-291	1.7	33
71	Cooperative Catalysis of Combined Systems of Transition-Metal Complexes with Lewis Acids: Theoretical Understanding. <i>Chemical Record</i> , <b>2016</b> , 16, 2405-2425	6.6	32
70	Metal-mediated C-CN Bond Activation in Organic Synthesis. <i>Chemical Reviews</i> , <b>2021</b> , 121, 327-344	68.1	32
69	Alkylation of Pyridone Derivatives By Nickel/Lewis Acid Catalysis. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 5777-5780	5.8	31
68	Stannylation/cycloaddition of enynes catalyzed by palladium-iminophosphine. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 15650-1	16.4	31
67	Triallyl(aryl)silanes serve as a convenient agent for silicon-based cross-coupling reaction of aryl halides. <i>Journal of Organometallic Chemistry</i> , <b>2003</b> , 687, 570-573	2.3	31
66	Regio- and stereoselective decarbonylative carbostannylation of alkynes catalyzed by Pd/C. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 2271-4	16.4	30
65	Magnesiation of Aryl Fluorides Catalyzed by a Rhodium-Aluminum Complex. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 11647-11652	16.4	29

64	Reductive Denitration of Nitroarenes. <i>Organic Letters</i> , <b>2018</b> , 20, 1655-1658	6.2	29
63	Selective Hydrogenolysis of Arenols with Hydrosilanes by Nickel Catalysis. <i>Chemistry Letters</i> , <b>2016</b> , 45, 45-47	1.7	28
62	Theoretical Study of Nickel-Catalyzed Selective Alkenylation of Pyridine: Reaction Mechanism and Crucial Roles of Lewis Acid and Ligands in Determining the Selectivity. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 289-301	4.2	27
61	Nickel-catalyzed acylstannylation and alkynylstannylation of 1,2-dienes. <i>Journal of Organometallic Chemistry</i> , <b>2004</b> , 689, 3701-3721	2.3	26
60	A Highly Effective and Practical Biaryl Synthesis with Triallyl(aryl)silanes and Aryl Chlorides. <i>Chemistry Letters</i> , <b>2004</b> , 33, 632-633	1.7	26
59	Pd-Catalyzed Denitrative Intramolecular C-H Arylation. <i>Organic Letters</i> , <b>2019</b> , 21, 4721-4724	6.2	25
58	Pd/NHC-catalyzed cross-coupling reactions of nitroarenes. <i>Chemical Communications</i> , <b>2019</b> , 55, 9291-9294	5.8	25
57	Nickel-catalysed acylstannylation of 1,2-dienes: synthesis and reactions of $\beta$ (acylmethyl)vinylstannanes. <i>Chemical Communications</i> , <b>2001</b> , 263-264	5.8	25
56	Rhodium-Catalyzed Hydroarylation and Hydroalkenylation of Alkynes Using Organo[2-(hydroxymethyl)phenyl]dimethylsilanes. <i>Synlett</i> , <b>2008</b> , 2008, 774-776	2.2	23
55	Highly Chemoselective Carbon-Carbon Bond Activation: Nickel/Lewis Acid Catalyzed Polyfluoroarylcyanation of Alkynes. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 917-921	3.6	22
54	Carboallylation of Electron-Deficient Alkenes with Organoboron Compounds and Allylic Carbonates by Cooperative Palladium/Copper Catalysis. <i>Organic Letters</i> , <b>2019</b> , 21, 4407-4410	6.2	21
53	Cross-Coupling Reactions through the Intramolecular Activation of Alkyl(triorgano)silanes. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 4549-4552	3.6	21
52	Transition metal-catalysed acylation of $\alpha,\beta$ -unsaturated carbonyl compounds with acylstannanes. <i>Chemical Communications</i> , <b>2001</b> , 1926-7	5.8	20
51	Catalyst-enabled Site-selectivity in the Iridium-catalyzed C-H Borylation of Arenes. <i>Chemistry Letters</i> , <b>2019</b> , 48, 1092-1100	1.7	19
50	Characterization of Rh-Al Bond in Rh(PAIP) (PAIP = Pincer-type Diphosphino-Aluminylligand) in Comparison with Rh(L)(PMe) (L = AlMe, Al(NMe), BR, SiR, CH, Cl, or OCH): Theoretical Insight. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 4894-4906	5.1	19
49	Silicon-based Cross-coupling of Aryl Tosylates by Cooperative Palladium/Copper Catalysis. <i>Chemistry Letters</i> , <b>2016</b> , 45, 973-975	1.7	19
48	How To Perform Suzuki-Miyaura Reactions of Nitroarene or Nitrations of Bromoarene Using a Pd <sup>0</sup> Phosphine Complex: Theoretical Insight and Prediction. <i>Organometallics</i> , <b>2018</b> , 37, 3480-3487	3.8	19
47	Homocoupling of Organostannanes Catalyzed by Iminophosphine-Palladium. <i>Synlett</i> , <b>1997</b> , 1997, 1143-1144	1.4	19

46	Nickel/BPh <sub>3</sub> -Catalyzed Alkynylcyanation of Alkynes and 1,2-Dienes: An Efficient Route to Highly Functionalized Conjugated Enynes. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 391-393	3.6	18
45	Cross-coupling reactions by cooperative Pd/Cu or Ni/Cu catalysis based on the catalytic generation of organocopper nucleophiles. <i>Tetrahedron</i> , <b>2019</b> , 75, 709-719	2.4	18
44	Palladium Complexes Bearing Z-type PALP Pincer Ligands. <i>Chemistry Letters</i> , <b>2017</b> , 46, 1247-1249	1.7	17
43	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> , <b>2009</b> , 1, 921-45	4.1	16
42	Synthesis of polycyclic compounds utilizing the nickel-catalysed alkynylstannylation of 1,2-dienes. <i>Chemical Communications</i> , <b>2002</b> , 1962-3	5.8	16
41	Synthesis of rhazinilam through intramolecular arylcyanation of alkenes catalyzed cooperatively by nickel/aluminum. <i>Tetrahedron</i> , <b>2015</b> , 71, 4413-4417	2.4	14
40	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> , <b>2005</b> , 34, 1700-1701	1.7	14
39	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> , <b>2021</b> , 143, 6388-6394	16.4	14
38	C3-Selective alkenylation of N-acylindoles with unactivated internal alkynes by cooperative nickel/aluminium catalysis. <i>Chemical Communications</i> , <b>2017</b> , 53, 4497-4500	5.8	13
37	Synthesis of Polysubstituted Benzenes from 2-Pyrone-4,6-dicarboxylic Acid. <i>Chemistry Letters</i> , <b>2014</b> , 43, 1349-1351	1.7	13
36	Polyarylene Synthesis by Cross-Coupling with HOMSi Reagents. <i>Chemistry Letters</i> , <b>2013</b> , 42, 45-47	1.7	13
35	Asymmetric Synthesis of Indolines Bearing a Benzylic Quaternary Stereocenter through Intramolecular Arylcyanation of Alkenes. <i>Synlett</i> , <b>2010</b> , 2010, 1709-1711	2.2	13
34	A PALP Pincer Ligand Bearing a 2-Diphenylphosphinophenoxy Backbone. <i>Inorganics</i> , <b>2019</b> , 7, 140	2.9	13
33	How to Control Inversion vs Retention Transmetalation between Pd-Phenyl and Cu-Alkyl Complexes: Theoretical Insight. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 14065-14076	16.4	12
32	Nickel-Catalyzed Tandem Carbostannylation of Alkynes and 1,2-Dienes with Alkynylstannanes. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 3530-3533	3.6	12
31	Carboallylation of electron-deficient alkenes by palladium/copper catalysis. <i>Chemical Communications</i> , <b>2018</b> , 54, 11463-11466	5.8	12
30	Arylboration of Internal Alkynes by Cooperative Palladium/Copper Catalysis. <i>Bulletin of the Chemical Society of Japan</i> , <b>2017</b> , 90, 1340-1343	5.1	11
29	Hydrogenative Cross-coupling of Internal Alkynes and Aryl Iodides by Palladium/Copper Cooperative Catalysis. <i>Chemistry Letters</i> , <b>2018</b> , 47, 213-216	1.7	10



28	Regio- and Stereoselective Decarbonylative Carbostannylation of Alkynes Catalyzed by Pd/C. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 2329-2332	3.6	10
27	Silicon-Based Cross-Coupling Reactions Through Intramolecular Activation. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , <b>2011</b> , 69, 1221-1230	0.2	9
26	C2-Selective silylation of pyridines by a rhodium-aluminum complex. <i>Chemical Communications</i> , <b>2021</b> , 57, 5957-5960	5.8	9
25	Site-Selective Linear Alkylation of Anilides by Cooperative Nickel/Aluminum Catalysis. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 941-944	3.6	9
24	Cross-Coupling Reactions of Nitroarenes. <i>Accounts of Chemical Research</i> , <b>2021</b> , 54, 2928-2935	24.3	8
23	Buchwald-Hartwig Amination of Nitroarenes. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 13492-13494	3.6	7
22	Coordination Flexibility of the Rh(PXP) Complex to NH, CO, and CH (PXP = Diphosphine-Based Pincer Ligand; X = B, Al, and Ga): Theoretical Insight. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 15862-15876	5.1	7
21	Aryl[2-(hydroxypro-2-yl)cyclohexyl]dimethylsilane: A Robust Aryl(trialkyl)silane Reagent for Nickel-catalyzed Cross-coupling Reactions with Aryl Tosylates. <i>Asian Journal of Organic Chemistry</i> , <b>2013</b> , 2, 416-421	3	6
20	C2-selective alkylation of pyridines by rhodium-aluminum complexes. <i>Tetrahedron</i> , <b>2021</b> , 95, 132339	2.4	6
19	Carbocyanation Reactions of Alkynes. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , <b>2007</b> , 65, 999-1008	0.2	5
18	Aluminum-Mediated C6-Selective C-H Alkylation of 2-Carbamoylbenzofuran by Nickel Catalysis. <i>Asian Journal of Organic Chemistry</i> , <b>2018</b> , 7, 1355-1357	3	5
17	Cross-Coupling Reactions by Cooperative Metal Catalysis. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , <b>2017</b> , 75, 1133-1140	0.2	4
16	Pd-Catalyzed Etherification of Nitroarenes. <i>Organometallics</i> , <b>2021</b> , 40, 2209-2214	3.8	4
15	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> , <b>2021</b> , 94, 1859-1868	5.1	4
14	Merging Pd/Pd Redox and Pd/Pd Non-redox Catalytic Cycles for the Allylarylation of Electron-Deficient Alkenes. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 5035-5040	4.8	4
13	X-Type Alumanyl Ligands for Transition-Metal Catalysis. <i>ACS Catalysis</i> , <b>2022</b> , 12, 1626-1638	13.1	2
12	1,2-Arylboration of aliphatic alkenes by cooperative palladium/copper catalysis. <i>Tetrahedron Letters</i> , <b>2021</b> , 72, 153059	2	2
11	Rh Complex with Unique Rh-Al Direct Bond: Theoretical Insight into its Characteristic Features and Application to Catalytic Reaction via $\sigma$ -Bond Activation. <i>Topics in Catalysis</i> , 1	2.3	2

10	Cooperative Double Activation Metal/Metal and Metal/Organic Catalysis Enabling Challenging Organic Reactions <b>2019</b> , 95-118		0
9	C-C Bond Functionalization <b>2020</b> , 103-121		0
8	Synthesis and Reactivity of Heterobimetallic Co-PALP Pincer Complexes. <i>Chemistry Letters</i> , <b>2022</b> , 51, 455-457	1.7	0
7	Hydroarylation of C-C Multiple Bonds Using Nickel Catalysts <b>2017</b> , 175-192		
6	Silicon-Based Carbon-Carbon Bond Formation by Transition Metal Catalysis <b>2010</b> , 101-126		
5	2-(Dicyclohexylphosphino)-3,6-Dimethoxy-2',4',6'-Triisopropyl-1,1'-Biphenyl-3		
4	My Own Hints for being a Young PI. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , <b>2018</b> , 76, 370-371		0.2
3	Lecture Tour upon Receiving the 6th Lectureship Award MBLA. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , <b>2011</b> , 69, 433-441		0.2
2	Site-selective Arene C-H Functionalization by Transition Metal/Lewis Acid Cooperative Catalysis. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , <b>2021</b> , 79, 439-448		0.2
1	Development of Pd-Catalyzed Denitrative Couplings. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , <b>2021</b> , 79, 11-21		0.2