Yoshiaki Nakao

List of Publications by Year
in descending order

146	11,485	20759 60	30848 102
papers	citations	h-index	g-index

226	226	226	5207
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Silicon-based cross-coupling reaction: an environmentally benign version. Chemical Society Reviews, 2011, 40, 4893.	18.7	607
2	A Strategy for Câ^'H Activation of Pyridines:â€‰ Direct C-2 Selective Alkenylation of Pyridines by Nickel/Lewis Acid Catalysis. Journal of the American Chemical Society, 2008, 130, 2448-2449.	6.6	400
3	Selective C-4 Alkylation of Pyridine by Nickel/Lewis Acid Catalysis. Journal of the American Chemical Society, 2010, 132, 13666-13668.	6.6	372
4	Nickel-Catalyzed Alkenylation and Alkylation of Fluoroarenes via Activation of Câ^'H Bond over Câ^'F Bond. Journal of the American Chemical Society, 2008, 130, 16170-16171.	6.6	283
5	A Dramatic Effect of Lewis-Acid Catalysts on Nickel-Catalyzed Carbocyanation of Alkynes. Journal of the American Chemical Society, 2007, 129, 2428-2429.	6.6	280
6	Nickelâ€Catalyzed Addition of Pyridineâ€Nâ€oxides across Alkynes. Angewandte Chemie - International Edition, 2007, 46, 8872-8874.	7.2	253
7	Hydroheteroarylation of Alkynes under Mild Nickel Catalysis. Journal of the American Chemical Society, 2006, 128, 8146-8147.	6.6	252
8	Intramolecular Arylcyanation of Alkenes Catalyzed by Nickel/AlMe₂Cl. Journal of the American Chemical Society, 2008, 130, 12874-12875.	6.6	252
9	Nickel-Catalyzed Arylcyanation of Alkynes. Journal of the American Chemical Society, 2004, 126, 13904-13905.	6.6	235
10	Hydroarylation of alkynes catalyzed by nickel. Chemical Record, 2011, 11, 242-251.	2.9	235
11	Direct Alkenylation and Alkylation of Pyridone Derivatives by Ni/AlMe₃ Catalysis. Journal of the American Chemical Society, 2009, 131, 15996-15997.	6.6	227
12	A General Nickel-Catalyzed Hydroamination of 1,3-Dienes by Alkylamines:Â Catalyst Selection, Scope, and Mechanism. Journal of the American Chemical Society, 2002, 124, 3669-3679.	6.6	220
13	Arylboration of Alkenes by Cooperative Palladium/Copper Catalysis. Journal of the American Chemical Society, 2014, 136, 7567-7570.	6.6	215
14	Transition-Metal-Catalyzed C-H Functionalization for the Synthesis of Substituted Pyridines. Synthesis, 2011, 2011, 3209-3219.	1.2	208
15	Alkenyl- and Aryl[2-(hydroxymethyl)phenyl]dimethylsilanes:Â An Entry to Tetraorganosilicon Reagents for the Silicon-Based Cross-Coupling Reaction. Journal of the American Chemical Society, 2005, 127, 6952-6953.	6.6	202
16	Nickelâ€Catalyzed Hydroheteroarylation of Vinylarenes. Angewandte Chemie - International Edition, 2010, 49, 4451-4454.	7.2	194
17	Nickel/Lewis Acid-Catalyzed Cyanoesterification and Cyanocarbamoylation of Alkynes. Journal of the American Chemical Society, 2010, 132, 10070-10077.	6.6	186
18	paraâ€Selective Câ^'H Borylation of (Hetero)Arenes by Cooperative Iridium/Aluminum Catalysis. Angewandte Chemie - International Edition, 2017, 56, 4853-4857.	7.2	164

#	Article	IF	Citations
19	Hydrocarbamoylation of Unsaturated Bonds by Nickel/Lewis-Acid Catalysis. Journal of the American Chemical Society, 2009, 131, 5070-5071.	6.6	163
20	The Suzukiâ€“Miyaura Coupling of Nitroarenes. Journal of the American Chemical Society, 2017, 139, 9423-9426.	6.6	158
21	Dehydrogenative [4 + 2] Cycloaddition of Formamides with Alkynes through Double Câˆ’H Activation. Journal of the American Chemical Society, 2011, 133, 3264-3267.	6.6	150
22	para-Selective Alkylation of Benzamides and Aromatic Ketones by Cooperative Nickel/Aluminum Catalysis. Journal of the American Chemical Society, 2016, 138, 14699-14704.	6.6	149
23	Anti-Markovnikov Hydroheteroarylation of Unactivated Alkenes with Indoles, Pyrroles, Benzofurans, and Furans Catalyzed by a Nickelâ€“N-Heterocyclic Carbene System. Journal of the American Chemical Society, 2015, 137, 12215-12218.	6.6	135
24	meta-Selective Câ€“H Borylation of Benzamides and Pyridines by an Iridiumâ€“Lewis Acid Bifunctional Catalyst. Journal of the American Chemical Society, 2019, 141, 7972-7979.	6.6	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.	6.6	131
26	Nickel-catalyzed carbocyanation of alkynes. Pure and Applied Chemistry, 2008, 80, 1097-1107.	0.9	129
27	Nickel-catalysed anti-Markovnikov hydroarylation of unactivated alkenes with unactivated arenes facilitated by non-covalent interactions. Nature Chemistry, 2020, 12, 276-283.	6.6	129
28	Allylcyanation of Alkynes:Â Regio- and Stereoselective Access to Functionalized Di- or Trisubstituted Acrylonitriles. Journal of the American Chemical Society, 2006, 128, 7116-7117.	6.6	127
29	Nickel-Catalyzed Carbocyanation of Alkynes with Allyl Cyanides. Journal of the American Chemical Society, 2009, 131, 10964-10973.	6.6	125
30	Reductive Crossâ€Coupling of Conjugated Arylalkenes and Aryl Bromides with Hydrosilanes by Cooperative Palladium/Copper Catalysis. Angewandte Chemie - International Edition, 2016, 55, 6275-6279.	7.2	124
31	Heteroatom-Directed Alkylcyanation of Alkynes. Journal of the American Chemical Society, 2010, 132, 10024-10026.	6.6	121
32	Alkylation of Pyridone Derivatives By Nickel/Lewis Acid Catalysis. Angewandte Chemie - International Edition, 2012, 51, 5679-5682.	7.2	114
33	Carbostannylation of Alkynes Catalyzed by an Iminophosphineâˆ’Palladium Complex. Journal of the American Chemical Society, 1998, 120, 2975-2976.	6.6	111
34	Crossâ€Coupling Reactions through the Intramolecular Activation of Alkyl(triorgano)silanes. Angewandte Chemie - International Edition, 2010, 49, 4447-4450.	7.2	103
35	Intramolecular Aminocyanation of Alkenes by Cooperative Palladium/Boron Catalysis. Journal of the American Chemical Society, 2014, 136, 3732-3735.	6.6	102
36	Cyanoesterification of 1,2-Dienes:Â Synthesis and Transformations of Highly Functionalized Î±-Cyanomethylacrylate Esters. Journal of the American Chemical Society, 2006, 128, 7420-7421.	6.6	100

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37	Nickel/BPh‹sub›3‹/sub›â€Catalyzed Alkynylcyanation of Alkynes and 1,2â€Dienes: An Efficient Route to Highly Functionalized Conjugated Enynes. Angewandte Chemie - International Edition, 2008, 47, 385-387.	7.2	99
38	Rhodium Complexes Bearing PAlP Pincer Ligands. Journal of the American Chemical Society, 2018, 140, 7070-7073.	6.6	96
39	Buchwaldâ€“Hartwig Amination of Nitroarenes. Angewandte Chemie - International Edition, 2017, 56, 13307-13309.	7.2	95
40	Cross-Coupling of Triallyl(aryl)silanes with Aryl Bromides and Chlorides: An Alternative Convenient Biaryl Synthesis. Advanced Synthesis and Catalysis, 2004, 346, 1715-1727.	2.1	89
41	Why Does Fluoride Anion Accelerate Transmetalation between Vinylsilane and Palladium(II)â^'Vinyl Complex? Theoretical Study. Journal of the American Chemical Society, 2008, 130, 12975-12985.	6.6	88
42	Highly Chemoselective Carbonï£¿Carbon Ïƒâ€Bond Activation: Nickel/Lewis Acid Catalyzed Polyfluoroarylcyanation of Alkynes. Angewandte Chemie - International Edition, 2013, 52, 883-887.	7.2	87
43	Catalytic Asymmetric Synthesis of Allylsilanes through Rhodium/Chiral Diene-Catalyzed 1,4-Addition of Alkenyl[2-(hydroxymethyl)phenyl]dimethylsilanes. Organic Letters, 2007, 9, 4643-4645.	2.4	85
44	A Silicon-Based Approach to Oligoarenes by Iterative Cross-Coupling Reactions of Halogenated Organo[(2-hydroxymethyl)phenyl]dimethylsilanes. Journal of the American Chemical Society, 2007, 129, 11694-11695.	6.6	84
45	Arylboration of 1-Arylalkenes by Cooperative Nickel/Copper Catalysis. Organic Letters, 2016, 18, 3956-3959.	2.4	84
46	Aromatic Câ€“H Ïƒ-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. Organometallics, 2017, 36, 2761-2771.	1.1	84
47	Intramolecular Oxycyanation of Alkenes by Cooperative Pd/BPh‹sub›3‹/sub› Catalysis. Journal of the American Chemical Society, 2012, 134, 6544-6547.	6.6	82
48	Metal-mediated Câ€“CN Bond Activation in Organic Synthesis. Chemical Reviews, 2021, 121, 327-344.	23.0	81
49	Arylcyanation of alkynes catalyzed by nickel. Tetrahedron, 2006, 62, 7567-7576.	1.0	79
50	Palladium-Catalyzed Dimerizationâ^'Carbostannylation of Alkynes:Â Synthesis of Highly Conjugated Alkenylstannanes. Journal of the American Chemical Society, 1999, 121, 4290-4291.	6.6	76
51	Nickel/Lewis Acid-Catalyzed Carbocyanation of Unsaturated Compounds. Bulletin of the Chemical Society of Japan, 2012, 85, 731-745.	2.0	74
52	‹i›para‹/i›-Selective Alkylation of Sulfonylarenes by Cooperative Nickel/Aluminum Catalysis. Organic Letters, 2017, 19, 584-587.	2.4	74
53	Arylcyanation of Norbornene and Norbornadiene Catalyzed by Nickel. Chemistry Letters, 2006, 35, 790-791.	0.7	73
54	Palladiumâ^'Iminophosphine-Catalyzed Alkynylstannylation of Alkynes. Organometallics, 2000, 19, 5671-5678.	1.1	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.	0.8	69
56	Hydrofluoroarylation of alkynes with fluoroarenes. Dalton Transactions, 2010, 39, 10483.	1.6	69
57	Regioselective alkenylation of imidazoles by nickel/Lewis acid catalysis. Tetrahedron Letters, 2009, 50, 3463-3466.	0.7	67
58	Cyanoesterification of 1,2-Dienes Catalyzed by Nickel. Journal of the American Chemical Society, 2009, 131, 6624-6631.	6.6	67
59	Nickel/AlMe2Cl-catalysed carbocyanation of alkynes using arylacetonitriles. Chemical Communications, 2009, , 3931.	2.2	62
60	Catalytic Câ€“CN Bond Activation. Topics in Current Chemistry, 2014, 346, 33-58.	4.0	61
61	Siteâ€Selective Linear Alkylation of Anilides by Cooperative Nickel/Aluminum Catalysis. Angewandte Chemie - International Edition, 2018, 57, 929-932.	7.2	61
62	A Theoretical Study of Nickel(0)-Catalyzed Phenylcyanation of Alkynes. Reaction Mechanism and Regioselectivity. Organometallics, 2009, 28, 2583-2594.	1.1	60
63	Magnesiation of Aryl Fluorides Catalyzed by a Rhodiumâ€“Aluminum Complex. Journal of the American Chemical Society, 2020, 142, 11647-11652.	6.6	59
64	Nickel-Catalyzed Acylstannylation of 1,3-Dienes:â€‰ Synthesis and Reaction of Îµ-Oxoallylstannanes. Journal of the American Chemical Society, 2000, 122, 9030-9031.	6.6	53
65	Cross-coupling Reaction of Allylic and Benzylic Carbonates with Organo[2-(hydroxymethyl)phenyl]dimethylsilanes. Chemistry Letters, 2007, 36, 606-607.	0.7	53
66	Alkynylcyanation of alkynes and dienes catalyzed by nickel. Tetrahedron, 2009, 65, 5037-5050.	1.0	53
67	paraâ€Selective Cî—¸H Borylation of (Hetero)Arenes by Cooperative Iridium/Aluminum Catalysis. Angewandte Chemie, 2017, 129, 4931-4935.	1.6	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.	2.0	51
69	Reductive Crossâ€Coupling of Conjugated Arylalkenes and Aryl Bromides with Hydrosilanes by Cooperative Palladium/Copper Catalysis. Angewandte Chemie, 2016, 128, 6383-6387.	1.6	51
70	Cross-Coupling Reactions of Nitroarenes. Accounts of Chemical Research, 2021, 54, 2928-2935.	7.6	50
71	Mechanistic Aspects of Palladium-Catalyzed Allylstannylation of Alkynes. Organic Letters, 2000, 2, 2209-2211.	2.4	48
72	Palladiumâ€“iminophosphine-catalyzed homocoupling of alkynylstannanes and other organostannanes using allyl acetate or air as an oxidant. Journal of Organometallic Chemistry, 2003, 670, 132-136.	0.8	48

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73	Alkenyl- and aryl[2-(hydroxymethyl)phenyl]dimethylsilanes: Tetraorganosilanes for the practical cross-coupling reaction. Pure and Applied Chemistry, 2006, 78, 435-440.	0.9	48
74	Copper-Catalyzed Semihydrogenation of Alkynes to Z-Alkenes. Synlett, 2015, 26, 318-322.	1.0	48
75	Nickel-Catalyzed Tandem Carbostannylation of Alkynes and 1,2-Dienes with Alkynylstannanes. Angewandte Chemie - International Edition, 2004, 43, 3448-3451.	7.2	47
76	Regioselective Hydrocarbamoylation of 1-Alkenes. Chemistry Letters, 2012, 41, 298-300.	0.7	47
77	Biaryl synthesis using highly stablearyl[2-(hydroxymethyl)phenyl]dimethylsilanes and aryl iodides under fluoride-free conditions. Science and Technology of Advanced Materials, 2006, 7, 536-543.	2.8	45
78	Synthesis of Biaryls and Oligoarenes Using Aryl[2-(hydroxymethyl)phenyl]dimethylsilanes. Bulletin of the Chemical Society of Japan, 2010, 83, 554-569.	2.0	45
79	Practical Approach for Hydroheteroarylation of Alkynes Using Bench-Stable Catalyst. Heterocycles, 2007, 72, 677.	0.4	45
80	Dimerizationâ€“Carbostannylation of Alkynes Catalyzed by a Palladiumâ€“Diimine Complex: Regioselectivity, Stereoselectivity and Mechanism. Bulletin of the Chemical Society of Japan, 2001, 74, 637-647.	2.0	44
81	Catalyst-enabled Site-selectivity in the Iridium-catalyzed Câ€“H Borylation of Arenes. Chemistry Letters, 2019, 48, 1092-1100.	0.7	44
82	Nickel-catalysed cross-coupling reaction of aryl(trialkyl)silanes with aryl chlorides and tosylates. Chemical Communications, 2011, 47, 307-309.	2.2	43
83	Selective Câ€“O Bond Reduction and Borylation of Aryl Ethers Catalyzed by a Rhodiumâ€“Aluminum Heterobimetallic Complex. Journal of the American Chemical Society, 2021, 143, 6388-6394.	6.6	43
84	Cooperative Catalysis of Combined Systems of Transitionâ€Metal Complexes with Lewis Acids: Theoretical Understanding. Chemical Record, 2016, 16, 2405-2425.	2.9	42
85	Reductive Denitration of Nitroarenes. Organic Letters, 2018, 20, 1655-1658.	2.4	42
86	Pd/NHC-catalyzed cross-coupling reactions of nitroarenes. Chemical Communications, 2019, 55, 9291-9294.	2.2	41
87	Nickel/Lewis Acid-Catalyzed Aryl- and Alkenylcyanation of Unsaturated Bonds. Bulletin of the Chemical Society of Japan, 2010, 83, 1170-1184.	2.0	39
88	Regio- and Stereoselective Decarbonylative Carbostannylation of Alkynes Catalyzed by Pd/C. Angewandte Chemie - International Edition, 2006, 45, 2271-2274.	7.2	38
89	Rhodium-catalyzed Addition of Organo[2-(hydroxymethyl)phenyl]dimethylsilanes to Arenesulfonylimines. Chemistry Letters, 2008, 37, 290-291.	0.7	38
90	Pd-Catalyzed Denitrative Intramolecular Câ€“H Arylation. Organic Letters, 2019, 21, 4721-4724.	2.4	38

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91	Stannylative Cycloaddition of Enynes Catalyzed by Palladiumâ˜Iminophosphine. Journal of the American Chemical Society, 2004, 126, 15650-15651.	6.6	37
92	Selective Hydrogenolysis of Arenols with Hydrosilanes by Nickel Catalysis. Chemistry Letters, 2016, 45, 45-47.	0.7	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.	0.8	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.	1.7	34
95	Nickel-catalysed acylstannylation of 1,2-dienes: synthesis and reactions of Î±-(acylmethyl)vinylstannanes. Chemical Communications, 2001, , 263-264.	2.2	32
96	Nickel-catalyzed acylstannylation and alkynylstannylation of 1,2-dienes. Journal of Organometallic Chemistry, 2004, 689, 3701-3721.	0.8	30
97	A Highly Effective and Practical Biaryl Synthesis with Triallyl(aryl)silanes and Aryl Chlorides. Chemistry Letters, 2004, 33, 632-633.	0.7	29
98	Rhodium-Catalyzed Hydroarylation and Hydroalkenylation of Alkynes Using Organo[2-(hydroxymethyl)phenyl]dimethylsilanes. Synlett, 2008, 2008, 774-776.	1.0	28
99	Carboallylation of Electron-Deficient Alkenes with Organoboron Compounds and Allylic Carbonates by Cooperative Palladium/Copper Catalysis. Organic Letters, 2019, 21, 4407-4410.	2.4	27
100	Characterization of Rhâ€“Al Bond in Rh(PAlP) (PAlP = Pincer-type Diphosphino-Aluminyl Ligand) in Comparison with Rh(L)(PMe₃)₂ (L = AlMe₂,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (Al(NM	1.9	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.	1.0	25
102	Homocoupling of Organostannanes Catalyzed by Iminophosphine-Palladium. Synlett, 1997, 1997, 1143-1144.	1.0	24
103	Transition metal-catalysed acylation of Î±,Î²-unsaturated carbonyl compounds with acylstannanes. Chemical Communications, 2001, , 1926-1927.	2.2	24
104	How To Perform Suzukiâ€“Miyaura Reactions of Nitroarene or Nitrations of Bromoarene Using a Pd⁰ Phosphine Complex: Theoretical Insight and Prediction. Organometallics, 2018, 37, 3480-3487.	1.1	24
105	Synthesis of rhazinilam through intramolecular arylcyanation of alkenes catalyzed cooperatively by nickel/aluminum. Tetrahedron, 2015, 71, 4413-4417.	1.0	21
106	C2-Selective silylation of pyridines by a rhodiumâ€“aluminum complex. Chemical Communications, 2021, 57, 5957-5960.	2.2	21
107	Synthesis of polycyclic compounds utilizing the nickel-catalysed alkynylstannylation of 1,2-dienes. Chemical Communications, 2002, , 1962-1963.	2.2	20
108	Silicon-based Cross-coupling of Aryl Tosylates by Cooperative Palladium/Copper Catalysis. Chemistry Letters, 2016, 45, 973-975.	0.7	20

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109	Palladium Complexes Bearing Z-type PAlP Pincer Ligands. Chemistry Letters, 2017, 46, 1247-1249.	0.7	20
110	C2-selective alkylation of pyridines by rhodiumâ€“aluminum complexes. Tetrahedron, 2021, 95, 132339.	1.0	19
111	New preparation and synthetic reactions of 3,3,3-trifluoropropynyllithium, -borate and -stannane: facile synthesis of trifluoromethylated allenes, arylacetylenes and enynes. Future Medicinal Chemistry, 2009, 1, 921-945.	1.1	18
112	Polyarylene Synthesis by Cross-Coupling with HOMSi Reagents. Chemistry Letters, 2013, 42, 45-47.	0.7	18
113	Arylboration of Internal Alkynes by Cooperative Palladium/Copper Catalysis. Bulletin of the Chemical Society of Japan, 2017, 90, 1340-1343.	2.0	18
114	Synthesis of Polysubstituted Benzenes from 2-Pyrone-4,6-dicarboxylic Acid. Chemistry Letters, 2014, 43, 1349-1351.	0.7	17
115	C3-Selective alkenylation of N-acylindoles with unactivated internal alkynes by cooperative nickel/aluminium catalysis. Chemical Communications, 2017, 53, 4497-4500.	2.2	17
116	A PAlP Pincer Ligand Bearing a 2-Diphenylphosphinophenoxy Backbone. Inorganics, 2019, 7, 140.	1.2	16
117	Facile Synthesis of Trifluoromethyl-substituted Enynes: Remarkable Reactivity and Stereoselectivity of Tributyl(3,3,3-trifluoropropynyl)stannane in Carbostannylation of Alkynes. Chemistry Letters, 2005, 34, 1700-1701.	0.7	15
118	Asymmetric Synthesis of Indolines Bearing a Benzylic Quaternary Stereocenter through Intramolecular Arylcyanation of Alkenes. Synlett, 2010, 2010, 1709-1711.	1.0	15
119	How to Control Inversion vs Retention Transmetalation between Pd^{II}â€“Phenyl and Cu^Iâ€“Alkyl Complexes: Theoretical Insight. Journal of the American Chemical Society, 2017, 139, 14065-14076.	6.6	13
120	Carboallylation of electron-deficient alkenes by palladium/copper catalysis. Chemical Communications, 2018, 54, 11463-11466.	2.2	13
121	Hydrogenative Cross-coupling of Internal Alkynes and Aryl Iodides by Palladium/Copper Cooperative Catalysis. Chemistry Letters, 2018, 47, 213-216.	0.7	12
122	Silicon-Based Cross-Coupling Reactions Through Intramolecular Activation. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2011, 69, 1221-1230.	0.0	11
123	Siteâ€Selective Linear Alkylation of Anilides by Cooperative Nickel/Aluminum Catalysis. Angewandte Chemie, 2018, 130, 941-944.	1.6	11
124	X-Type Aluminyl Ligands for Transition-Metal Catalysis. ACS Catalysis, 2022, 12, 1626-1638.	5.5	11
125	Pd-Catalyzed Etherification of Nitroarenes. Organometallics, 2021, 40, 2209-2214.	1.1	10
126	Synthesis, Electronic Properties, and Lewis Acidity of Rhodium Complexes Bearing X-Type PBP, PAlP, and PGaP Pincer Ligands. Bulletin of the Chemical Society of Japan, 2021, 94, 1859-1868.	2.0	10

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127	Aluminumâ€Mediated C6â€Selective Câ€H Alkylation of 2â€Carbamoylbenzofuran by Nickel Catalysis. Asian Journal of Organic Chemistry, 2018, 7, 1355-1357.	1.3	9
128	Coordination Flexibility of the Rh(PXP) Complex to NH₃, CO, and C₂H₄ (PXP = Diphosphine-Based Pincer Ligand; X = B, Al, and Ga): Theoretical Insight. Inorganic Chemistry, 2020, 59, 15862-15876.	1.9	9
129	Buchwaldâ€“Hartwig Amination of Nitroarenes. Angewandte Chemie, 2017, 129, 13492-13494.	1.6	8
130	Carbocyanation Reactions of Alkynes. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2007, 65, 999-1008.	0.0	7
131	Aryl[2â€(hydroxyproâ€2â€yl)cyclohyxyl]dimethylsilane: A Robust Aryl(trialkyl)silane Reagent for Nickelâ€catalyzed Crossâ€coupling Reactions with Aryl Tosylates. Asian Journal of Organic Chemistry, 2013, 2, 416-421.	1.3	7
132	Merging Pd 0 /Pd II Redox and Pd II /Pd II Nonâ€redox Catalytic Cycles for the Allylarylation of Electronâ€Deficient Alkenes. Chemistry - A European Journal, 2021, 27, 5035-5040.	1.7	7
133	Rh Complex with Unique Rhâ€“Al Direct Bond: Theoretical Insight into its Characteristic Features and Application to Catalytic Reaction via Ïƒ-Bond Activation. Topics in Catalysis, 2022, 65, 392-417.	1.3	7
134	The Kumadaâ€“Tamaoâ€“Corriu Coupling Reaction Catalyzed by Rhodiumâ€“Aluminum Bimetallic Complexes. Organic Letters, 2022, 24, 3075-3079.	2.4	6
135	1,2-Arylboration of aliphatic alkenes by cooperative palladium/copper catalysis. Tetrahedron Letters, 2021, 72, 153059.	0.7	5
136	Cross-Coupling Reactions by Cooperative Metal Catalysis. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2017, 75, 1133-1140.	0.0	4
137	Synthesis and Reactivity of Heterobimetallic Co-PAlP Pincer Complexes. Chemistry Letters, 2022, 51, 455-457.	0.7	3
138	Alkenyl- and Aryl[2-(hydroxymethyl)phenyl]dimethylsilanes: An Entry to Tetraorganosilicon Reagents for the Silicon-Based Cross-Coupling Reaction.. ChemInform, 2005, 36, no.	0.1	1
139	Development of Pd-Catalyzed Denitrative Couplings. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2021, 79, 11-21.	0.0	1
140	A Highly Effective and Practical Biaryl Synthesis with Triallyl(aryl)silanes and Aryl Chlorides.. ChemInform, 2004, 35, no.	0.1	0
141	Nickel-Catalyzed Tandem Carbostannylation of Alkynes and 1,2-Dienes with Alkynylstannanes.. ChemInform, 2004, 35, no.	0.1	0
142	Nickel-Catalyzed Arylcyanation of Alkynes.. ChemInform, 2005, 36, no.	0.1	0
143	Stannylative Cycloaddition of Enynes Catalyzed by Palladium?Iminophosphine.. ChemInform, 2005, 36, no.	0.1	0
144	Site-selective Arene C-H Functionalization by Transition Metal/Lewis Acid Cooperative Catalysis. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2021, 79, 439-448.	0.0	0

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145	Lecture Tour upon Receiving the 6th Lectureship Award MBLA. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2011, 69, 433-441.	0.0	0
146	My Own Hints for being a Young PI. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2018, 76, 370-371.	0.0	0