

# Sensuke Ogoshi

## List of Publications by Year in descending order

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172  
papers

7,652  
citations

30047

54  
h-index

69214

77  
g-index

222  
all docs

222  
docs citations

222  
times ranked

4112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intramolecular Arylcyanation of Alkenes Catalyzed by Nickel/AlMe <sub>2</sub> Cl. <i>Journal of the American Chemical Society</i> , 2008, 130, 12874-12875.	6.6	252
2	Copper-Catalyzed Regioselective Monodefluoroborylation of Polyfluoroalkenes en Route to Diverse Fluoroalkenes. <i>Journal of the American Chemical Society</i> , 2017, 139, 12855-12862.	6.6	212
3	Nickel/Lewis Acid-Catalyzed Cyanoesterification and Cyanocarbamoylation of Alkynes. <i>Journal of the American Chemical Society</i> , 2010, 132, 10070-10077.	6.6	186
4	Palladium-Catalyzed Coupling Reactions of Tetrafluoroethylene with Arylzinc Compounds. <i>Journal of the American Chemical Society</i> , 2011, 133, 3256-3259.	6.6	167
5	Reversible Carbon-Carbon Bond Formation between 1,3-Dienes and Aldehyde or Ketone on Nickel(0). <i>Journal of the American Chemical Society</i> , 2006, 128, 7077-7086.	6.6	141
6	Nickel-Catalyzed Dehydrogenative [4 + 2] Cycloaddition of 1,3-Dienes with Nitriles. <i>Journal of the American Chemical Society</i> , 2011, 133, 18018-18021.	6.6	132
7	Direct Observation of Oxidative Cyclization of $\beta$ -Alkene and $\beta$ -Aldehyde on Ni(0) Center. Significant Acceleration by Addition of Me <sub>3</sub> SiOTf. <i>Journal of the American Chemical Society</i> , 2004, 126, 11802-11803.	6.6	128
8	AlMe <sub>3</sub> -Promoted Oxidative Cyclization of $\beta$ -Alkene and $\beta$ -Ketone on Nickel(0). Observation of Intermediate in Methyl Transfer Process. <i>Journal of the American Chemical Society</i> , 2005, 127, 12810-12811.	6.6	126
9	Novel dependency of stereochemistry upon metal, ligand, and solvent in oxidative addition of allylic chloride to palladium(0) and platinum(0) complexes. <i>Journal of the American Chemical Society</i> , 1990, 112, 2813-2814.	6.6	123
10	Formation of Nickeladihydropyran by Oxidative Addition of Cyclopropyl Ketone. Key Intermediate in Nickel-Catalyzed Cycloaddition. <i>Journal of the American Chemical Society</i> , 2006, 128, 5350-5351.	6.6	120
11	Nickel-Catalyzed Intermolecular [2 + 2] Cycloaddition of Conjugated Enynes with Alkenes. <i>Journal of the American Chemical Society</i> , 2012, 134, 15692-15695.	6.6	119
12	Palladium-Catalyzed Base-Free Suzuki-Miyaura Coupling Reactions of Fluorinated Alkenes and Arenes via a Palladium Fluoride Key Intermediate. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 443-447.	1.2	118
13	Fluorinated Vinylsilanes from the Copper-Catalyzed Defluorosilylation of Fluoroalkene Feedstocks. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 328-332.	7.2	116
14	Synthesis, Structure, and Reactivity of Neutral $\beta$ -Propargylpalladium Complexes. <i>Journal of the American Chemical Society</i> , 1998, 120, 1938-1939.	6.6	113
15	Dimerization of terminal alkynes catalyzed by a nickel complex having a bulky phosphine ligand. <i>Chemical Communications</i> , 2004, , 2732.	2.2	111
16	Nickel-Catalyzed Selective Conversion of Two Different Aldehydes to Cross-Coupled Esters. <i>Journal of the American Chemical Society</i> , 2011, 133, 4668-4671.	6.6	110
17	Formation of an Aza-nickelacycle by Reaction of an Imine and an Alkyne with Nickel(0): Oxidative Cyclization, Insertion, and Reductive Elimination. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4930-4932.	7.2	98
18	Novel syn oxidative addition of allylic halides to olefin complexes of palladium(0) and platinum(0). <i>Journal of the American Chemical Society</i> , 1992, 114, 8417-8424.	6.6	97

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19	Catalytic Transformation of Aldehydes with Nickel Complexes through $\eta^2$ Coordination and Oxidative Cyclization. <i>Accounts of Chemical Research</i> , 2015, 48, 1746-1755.	7.6	96
20	Nickel(0)-Catalyzed [2 + 2 + 1] Carbonylative Cycloaddition of Imines and Alkynes or Norbornene Leading to $\beta$ -Lactams. <i>Journal of the American Chemical Society</i> , 2014, 136, 15877-15880.	6.6	95
21	Nickel(0)-Catalyzed Enantio- and Diastereoselective Synthesis of Benzoxasiloles: Ligand-Controlled Switching from Inter- to Intramolecular Aryl-Transfer Process. <i>Journal of the American Chemical Society</i> , 2015, 137, 11838-11845.	6.6	94
22	Nickeladihydrofuran. Key intermediate for nickel-catalyzed reaction of alkyne and aldehyde. <i>Chemical Communications</i> , 2008, , 1347.	2.2	91
23	Square Tetrapalladium Sheet Sandwich Complexes: Cyclononatetraenyl as a Versatile Face-Capping Ligand. <i>Journal of the American Chemical Society</i> , 2009, 131, 9888-9889.	6.6	84
24	[3+2] Cycloaddition Reaction of Cyclopropyl Ketones with Alkynes Catalyzed by Nickel/Dimethylaluminum Chloride. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12067-12070.	7.2	76
25	Synthesis of Five- and Six-Membered Benzocyclic Ketones through Intramolecular Alkene Hydroacylation Catalyzed by Nickel(0)/N-Heterocyclic Carbenes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10812-10815.	7.2	76
26	Nucleophilic substitution at the central allyl carbon atom of a ( $\pi$ -allyl)platinum complex. <i>Journal of the American Chemical Society</i> , 1994, 116, 4125-4126.	6.6	75
27	Carbon-Fluorine Bond Activation of Tetrafluoroethylene on Palladium(0) and Nickel(0): Heat or Lewis Acidic Additive Promoted Oxidative Addition. <i>Organometallics</i> , 2013, 32, 3631-3639.	1.1	75
28	Nickel-Catalyzed Direct Conjugate Addition of Simple Alkenes to Enones. <i>Journal of the American Chemical Society</i> , 2009, 131, 10350-10351.	6.6	74
29	Nickel-Catalyzed [2 + 2 + 2] Cycloaddition of Two Enones and an Alkyne. <i>Organic Letters</i> , 2010, 12, 3450-3452.	2.4	72
30	Base-Free Hiyama Coupling Reaction via a Group 10 Metal Fluoride Intermediate Generated by C-F Bond Activation. <i>Organometallics</i> , 2014, 33, 3669-3672.	1.1	72
31	Copper-Catalyzed Reaction of Trifluoromethylketones with Aldehydes via a Copper Difluoroenolate. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 341-344.	7.2	71
32	Palladium-catalyzed reaction of 5-methylene-1,3-dioxolan-2-ones. A new access to and reactivity of oxatrimethylenemethane-palladium. <i>Journal of Organic Chemistry</i> , 1993, 58, 1173-1177.	1.7	70
33	Synthesis and Characterization of Some Cationic $\eta^3$ -Propargylpalladium Complexes. <i>Bulletin of the Chemical Society of Japan</i> , 1999, 72, 2687-2692.	2.0	69
34	Hydrofluoroarylation of alkynes with fluoroarenes. <i>Dalton Transactions</i> , 2010, 39, 10483.	1.6	69
35	One-Pot, Single-Step, and Gram-Scale Synthesis of Mononuclear [ $\eta^6$ -arene]Ni(N-heterocyclic carbene) Complexes: Useful Precursors of the Ni <sup>0</sup> -NHC Unit. <i>Organometallics</i> , 2014, 33, 1276-1282.	1.1	68
36	Synthesis and structure of cationic $\eta^3$ -allenyl/propargylpalladium complexes. <i>Journal of Organometallic Chemistry</i> , 1995, 493, C19-C21.	0.8	67

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37	Palladium/Me <sub>3</sub> SiOTf-Catalyzed Bis-silylation of $\hat{1},\hat{2}$ -Unsaturated Carbonyl Compounds without Involving Oxidative Addition of Disilane. <i>Journal of the American Chemical Society</i> , 2002, 124, 11598-11599.	6.6	66
38	Nickel-catalyzed Tishchenko reaction via hetero-nickelacycles by oxidative cyclization of aldehydes with nickel(0) complex. <i>Chemical Communications</i> , 2010, 46, 3354.	2.2	66
39	Pentacoordinated Carboxylate $\hat{1}$ -Allyl Nickel Complexes as Key Intermediates for the Ni-Catalyzed Direct Amination of Allylic Alcohols. <i>Chemistry - A European Journal</i> , 2015, 21, 14571-14578.	1.7	66
40	Fluoroalkylcopper(I) Complexes Generated by the Carbocupration of Tetrafluoroethylene: Construction of a Tetrafluoroethylene-Bridging Structure. <i>Journal of the American Chemical Society</i> , 2014, 136, 15158-15161.	6.6	65
41	Nickel-Catalyzed Formation of Fluorine-Containing Ketones via the Selective Cross-Trimerization Reaction of Tetrafluoroethylene, Ethylene, and Aldehydes. <i>Journal of the American Chemical Society</i> , 2015, 137, 6496-6499.	6.6	65
42	Discrete Triangular Tripalladium Sandwich Complexes of Arenes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5440-5443.	7.2	64
43	Synthesis and Reactivity of Six-Membered Oxa-Nickelacycles: A Ring-Opening Reaction of Cyclopropyl Ketones. <i>Chemistry - A European Journal</i> , 2009, 15, 10083-10091.	1.7	64
44	Two-step synthesis of chiral fused tricyclic scaffolds from phenols via desymmetrization on nickel. <i>Nature Communications</i> , 2017, 8, 32.	5.8	64
45	Synthesis, Structure and Reactivity of $\eta^3$ -Allenyl/Propargyl Dinuclear Palladium Complexes. <i>Journal of the American Chemical Society</i> , 1995, 117, 10415-10416.	6.6	62
46	Transition-Metal-Free Catalytic Hydrodefluorination of Polyfluoroarenes by Concerted Nucleophilic Aromatic Substitution with a Hydrosilicate. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16191-16196.	7.2	62
47	Reductive Coupling of Metal Triangles in Sandwich Complexes. <i>Journal of the American Chemical Society</i> , 2008, 130, 8586-8587.	6.6	61
48	Nickel-Catalyzed Formation of Cyclopentenone Derivatives via the Unique Cycloaddition of $\hat{1},\hat{2}$ -Unsaturated Phenyl Esters with Alkynes. <i>Journal of the American Chemical Society</i> , 2011, 133, 14900-14903.	6.6	61
49	Copolymerisation of ethylene with polar monomers by using palladium catalysts bearing an N-heterocyclic carbene-phosphine oxide bidentate ligand. <i>Chemical Communications</i> , 2017, 53, 2630-2633.	2.2	61
50	Main-Group-Catalyzed Reductive Alkylation of Multiply Substituted Amines with Aldehydes Using H <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2018, 140, 7292-7300.	6.6	60
51	Cleavage of C(sp <sup>3</sup> )-F Bonds in Trifluoromethylarenes Using a Bis(NHC)nickel(0) Complex. <i>Journal of the American Chemical Society</i> , 2020, 142, 19360-19367.	6.6	59
52	Structure-Reactivity Relationship in Allyl and 2-Propynyl Complexes of Group 10 Metals Relevant to Homogeneous Catalysis. <i>Bulletin of the Chemical Society of Japan</i> , 1998, 71, 973-984.	2.0	58
53	Palladium-Catalyzed Coupling Reaction of Perfluoroarenes with Diarylzinc Compounds. <i>Chemistry - A European Journal</i> , 2014, 20, 2040-2048.	1.7	58
54	Redox-induced reversible metal assembly through translocation and reversible ligand coupling in tetranuclear metal sandwich frameworks. <i>Nature Chemistry</i> , 2012, 4, 52-58.	6.6	57

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55	Synthesis, Characterization, and Unique Catalytic Activities of a Fluorinated Nickel Enolate. <i>Journal of the American Chemical Society</i> , 2015, 137, 3276-3282.	6.6	55
56	Oxidative Dinuclear Addition of a Pd <sup>I</sup> Moieties to Arenes: Generation of $\eta^4$ -Arene-Pd <sup>II</sup> Species. <i>Journal of the American Chemical Society</i> , 2011, 133, 14908-14911.	6.6	54
57	Sandwich Complexes Containing Bent Palladium Chains. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5799-5803.	7.2	53
58	Enantioselective Synthesis of Polycyclic $\beta$ -Lactams with Multiple Chiral Carbon Centers via Ni(0)-Catalyzed Asymmetric Carbonylative Cycloadditions without Stirring. <i>Journal of the American Chemical Society</i> , 2020, 142, 1594-1602.	6.6	52
59	Metalloenoids of platinum: Syntheses and structures of triangular triplatinum sandwich complexes of cycloheptatrienyl. <i>Chemical Science</i> , 2011, 2, 117-122.	3.7	51
60	Nickel-Catalyzed Synthesis of <i>N</i> -Aryl-2,2-dihydropyridines by [2+2+2] Cycloaddition of Imines with Alkynes through $\eta^5$ -Shaped $\eta^4$ -Electron Aza-Nickelacycle Key Intermediates. <i>Chemistry - A European Journal</i> , 2014, 20, 4105-4110.	1.7	51
61	New Insights into Structures, Stability, and Bonding of $\eta^4$ -Allyl Ligands Coordinated with Pd <sup>0</sup> and Pd <sup>2+</sup> Fragments. <i>Organometallics</i> , 1996, 15, 2089-2097.	1.1	49
62	A stable zerovalent palladium chain enveloped by a $\pi$ -electron sheath of conjugated polyene ligands. <i>Chemical Communications</i> , 2008, , 477-479.	2.2	49
63	Copper-mediated One-pot Synthesis of Trifluorostyrene Derivatives from Tetrafluoroethylene and Arylboronate. <i>Chemistry Letters</i> , 2015, 44, 1019-1021.	0.7	49
64	Palladium-catalyzed reactions of ketone $\alpha$ -carbonates with norbornenes. An unusual cyclopropanation. <i>Journal of Organic Chemistry</i> , 1993, 58, 9-10.	1.7	47
65	Synthesis of Cyclobutenes and Allenes by Cobalt-Catalyzed Cross-Dimerization of Simple Alkenes with 1,3-Diynes. <i>Chemistry - A European Journal</i> , 2014, 20, 6613-6617.	1.7	47
66	Ni(0)-Catalyzed Formation of Azaaluminacyclopentenes via Azanickelacyclopentenes: A Unique Nickel/Aluminum Double Transmetalation Reaction. <i>Journal of the American Chemical Society</i> , 2009, 131, 9160-9161.	6.6	45
67	Ni-Catalyzed [4+3+2] Cycloaddition of Ethyl Cyclopropylideneacetate and Diynes: Scope and Mechanistic Insights. <i>Chemistry - A European Journal</i> , 2013, 19, 3415-3425.	1.7	44
68	2,2,3,3-Tetrafluoronickelacyclopentanes Generated via the Oxidative Cyclization of Tetrafluoroethylene and Simple Alkenes: A Key Intermediate in Nickel-Catalyzed C-C Bond-Forming Reactions. <i>Organometallics</i> , 2015, 34, 1604-1607.	1.1	44
69	Efficient Synthesis of Polycyclic $\beta$ -Lactams by Catalytic Carbonylation of Ene-Imines via Nickelacycle Intermediates. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8206-8210.	7.2	43
70	Coordination of Lewis Acid to $\eta^2$ -Enonepalladium(0) Leading to Continuous Structure Variation from $\eta^2$ -Olefin Type to $\eta^3$ -Allyl Type. <i>Journal of the American Chemical Society</i> , 2001, 123, 1944-1950.	6.6	42
71	Radical Reactions of Titanium(III) Propargyl Complexes. Titanacyclobutene Formation by Dimerization and by Regioselective Addition of Organic Free Radicals. <i>Journal of the American Chemical Society</i> , 1998, 120, 3514-3515.	6.6	41
72	Key Process in Palladium-Catalyzed Asymmetric Transformation of Propargyl Electrophiles. Racemization of Optically Active $\eta^1$ -Allenylpalladium(II). <i>Journal of the American Chemical Society</i> , 2001, 123, 7164-7165.	6.6	40

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73	Nickel-catalyzed decarbonylation of <i>N</i> -acylated <i>N</i> -heteroarenes. <i>Chemical Science</i> , 2019, 10, 6666-6671.	3.7	40
74	A Strategy to Control the Reactivation of Frustrated Lewis Pairs from Shelf-Stable Carbene Borane Complexes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11666-11671.	7.2	39
75	Regioselective C–F Bond Activation of Hexafluoropropylene on Palladium(0): Formation of a Cationic $\eta^2$ -Perfluoroallylpalladium Complex. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13578-13582.	7.2	38
76	Triarylborane-Catalyzed Reductive <i>N</i> -Alkylation of Amines: A Perspective. <i>ACS Catalysis</i> , 2019, 9, 5439-5444.	5.5	38
77	Synthesis and Reactivity of Fluoroalkyl Copper Complexes by the Oxycupration of Tetrafluoroethylene. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11911-11915.	7.2	37
78	Cu <sup>I</sup> -Catalyzed Pentafluoroethylation of Aryl Iodides in the Presence of Tetrafluoroethylene and Cesium Fluoride: Determining the Route to the Key Pentafluoroethyl Cu <sup>I</sup> Intermediate. <i>Chemistry - A European Journal</i> , 2018, 24, 9794-9798.	1.7	36
79	Fluorinated Vinylsilanes from the Copper-Catalyzed Defluorosilylation of Fluoroalkene Feedstocks. <i>Angewandte Chemie</i> , 2018, 130, 334-338.	1.6	35
80	Nickel(0)-Heterocyclic Carbene-Catalyzed Asymmetric [2 + 2 + 2] Cycloaddition of Two Enones and an Alkyne: Access to Cyclohexenes with Four Contiguous Stereogenic Centers. <i>Organic Letters</i> , 2015, 17, 6018-6021.	2.4	34
81	Nickel(0)-Mediated Transformation of Tetrafluoroethylene and Vinylarenes into Fluorinated Cyclobutyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2435-2439.	7.2	34
82	[3 + 3] Cyclodimerization of Methylene-cyclopropanes: Stoichiometric and Catalytic Reactions of Nickel(0) with Electron-Deficient Alkylidene-cyclopropanes. <i>Organometallics</i> , 2010, 29, 2386-2389.	1.1	33
83	Cross-coupling reactions proceeding through $\eta^1$ - and $\eta^3$ -propargyl/allenyl-palladium(II) intermediates. <i>Inorganica Chimica Acta</i> , 1999, 296, 37-44.	1.2	32
84	Nickel-Catalyzed Formation of 1,3-Dienes via a Highly Selective Cross-Tetramerization of Tetrafluoroethylene, Styrenes, Alkynes, and Ethylene. <i>Journal of the American Chemical Society</i> , 2017, 139, 17795-17798.	6.6	32
85	Nickel(0)-Catalyzed Formation of Oxaaluminacyclopentenes via an Oxanickelacyclopentene Key Intermediate: Me <sub>2</sub> AlOTf-Assisted Oxidative Cyclization of an Aldehyde and an Alkyne with Nickel(0). <i>Organometallics</i> , 2010, 29, 6534-6540.	1.1	31
86	Redox transmetalation reaction involving $\eta^3$ -allyl group transfer from palladium(II) to platinum(0). <i>Organometallics</i> , 1993, 12, 2869-2871.	1.1	30
87	Palladium-Catalyzed Reductive Homocoupling Reaction of 3-Silylpropargyl Carbonates. New Entry into Allene-Yne Compounds. <i>Journal of Organic Chemistry</i> , 1995, 60, 4650-4652.	1.7	30
88	Mutual isomerization of $\eta^1$ -allenyl and $\eta^1$ -propargyl complexes of platinum via a five-coordinate $\eta^3$ -allenyl/propargyl intermediate. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 2485-2486.	2.0	30
89	Mechanistic studies on mutual isomerization of propargyl- and allenylplatinum(II) complexes. <i>Inorganica Chimica Acta</i> , 1997, 265, 9-15.	1.2	30
90	Carbon-Carbon Bond Formation by Electrophilic Addition at the Central Carbon of the $\eta^4$ - $\eta^3$ -Allenyl/Propargyl Ligand on the Pd <sup>II</sup> -Pd Bond. <i>Journal of the American Chemical Society</i> , 2001, 123, 3223-3228.	6.6	30



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91	Reaction of $\eta^2$ -arylaldehyde nickel(0) complexes with $\text{Me}_3\text{SiX}$ ( $\text{X}=\text{OTf}, \text{Cl}$ ). Application to catalytic reductive homocoupling reaction of arylaldehyde. <i>Tetrahedron</i> , 2006, 62, 7583-7588.	1.0	30
92	Preparation of Trifluorovinyl Compounds by Lithium Salt-promoted Monoalkylation of Tetrafluoroethene. <i>Chemistry Letters</i> , 2013, 42, 933-935.	0.7	30
93	Highly Efficient Activation of Organosilanes with $\eta^2$ -Aldehyde Nickel Complexes: Key for Catalytic Syntheses of Aryl-, Vinyl-, and Alkynyl-Benzoxasiloles. <i>Journal of the American Chemical Society</i> , 2014, 136, 16752-16755.	6.6	30
94	Nickel-catalyzed [2+2] cycloaddition of two alkynes and an imine. <i>Pure and Applied Chemistry</i> , 2008, 80, 1115-1125.	0.9	28
95	Strategic Utilization of Multifunctional Carbene for Direct Synthesis of Carboxylicâ€“Phosphinic Mixed Anhydride from $\text{CO}_2$ . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 16075-16079.	7.2	28
96	Nickel(0)-catalyzed intramolecular reductive coupling of alkenes and aldehydes or ketones with hydrosilanes. <i>Chemical Communications</i> , 2016, 52, 6237-6240.	2.2	28
97	Transitionâ€“Metalâ€“Free Catalytic Hydrodefluorination of Polyfluoroarenes by Concerted Nucleophilic Aromatic Substitution with a Hydrosilicate. <i>Angewandte Chemie</i> , 2017, 129, 16409-16414.	1.6	27
98	Allyl Group Transfer between M(II) and M(0) Centers (M = Pd, Pt) Proceeding through AntiNucleophilic Attack at $\eta^3$ -Allyl Ligand. <i>Chemistry Letters</i> , 1990, 19, 1745-1748.	0.7	26
99	<i>N</i> -Phosphine Oxideâ€“Substituted Imidazolylidenes (Poxlms): Multifunctional Multipurpose Carbenes. <i>Chemistry - A European Journal</i> , 2017, 23, 15238-15243.	1.7	26
100	Novel Role of Carbon Monoxide as a Lewis Acid Catalyst for Friedelâ€“Crafts Reaction. <i>Journal of the American Chemical Society</i> , 2001, 123, 8626-8627.	6.6	25
101	Selective Construction of $\text{Pd}_2\text{Pt}$ and $\text{PdPt}_2$ Triangles in a Sandwich Framework: Carbocyclic Ligands as Scaffolds for a Mixedâ€“Metal System. <i>Chemistry - A European Journal</i> , 2012, 18, 8886-8890.	1.7	25
102	Nickel-Catalyzed Enantioselective Synthesis of Cyclobutenes via [2+2] Cycloaddition of $\eta^2$ -Unsaturated Carbonyls with 1,3-Enynes. <i>Synthesis</i> , 2016, 48, 2789-2794.	1.2	25
103	Highly Atom Economical Molecular Transformation via Hetero-Nickelacycle. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 1401-1406.	2.0	25
104	Aza-nickelacycle key intermediate in nickel(0)-catalyzed transformation reactions. <i>Dalton Transactions</i> , 2015, 44, 12060-12073.	1.6	24
105	Development and Mechanistic Studies of <i>E</i> -Selective Isomerization/Tandem Hydroarylation Reactions of Alkenes with a Nickel(0)/Phosphine Catalyst. <i>ACS Catalysis</i> , 2021, 11, 6741-6749.	5.5	24
106	Synthesis, Structure, and Reactivity of a $\eta^3$ -1-Hydroxyallyl Complex:â€“ Protonation of an $\eta^2$ -Unsaturated Carbonyl Compound Bound to Palladium(0) and Platinum(0). <i>Journal of the American Chemical Society</i> , 2003, 125, 9020-9021.	6.6	23
107	Convenient synthesis of Pt(0) olefin complexes by colorimetric reduction of Pt(II) complexes with $\text{Sml}_2$ . <i>Journal of Organometallic Chemistry</i> , 2004, 689, 662-665.	0.8	22
108	Bis-cyclooctatetraene tripalladium sandwich complexes. <i>Chemical Communications</i> , 2014, 50, 820-822.	2.2	22

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109	Strain-Induced Double Carbon-Carbon Bond Activations of Cycloparaphenylenes by a Platinum Complex: Application to the Synthesis of Cyclic Diketones. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11418-11421.	7.2	22
110	Bridging $\pi$ -coordination of pyrrole and indole over a Pd-Pd bond. <i>Chemical Communications</i> , 2013, 49, 4310-4312.	2.2	21
111	Selective Catalytic Formation of Cross-Tetramers from Tetrafluoroethylene, Ethylene, Alkynes, and Aldehydes via Nickelacycles as Key Reaction Intermediates. <i>Journal of the American Chemical Society</i> , 2018, 140, 17423-17427.	6.6	21
112	Reaction of palladium(II) complexes with allylsilanes: convenient synthesis of [ $\eta$ -3-1-silylallyl]palladium complexes. <i>Organometallics</i> , 1993, 12, 578-579.	1.1	20
113	Catalytic Transformations of Fluorinated Olefins. <i>Topics in Organometallic Chemistry</i> , 2014, , 197-215.	0.7	20
114	Efficient Synthesis of Polycyclic $\beta$ -Lactams by Catalytic Carbonylation of Ene-Imines via Nickelacycle Intermediates. <i>Angewandte Chemie</i> , 2017, 129, 8318-8322.	1.6	20
115	Intermolecular propargyl/allenyl group transfer from Pd(II) to Pt(0) and Pt(II) to Pd(0). Key reaction in metal-catalyzed isomerization between propargyl and allenyl metal complexes. <i>Journal of Organometallic Chemistry</i> , 2001, 620, 190-193.	0.8	19
116	Intramolecular Oxidative Cyclization of Alkenes and Nitriles with Nickel(0). <i>Organometallics</i> , 2011, 30, 2765-2774.	1.1	19
117	Nickel-catalyzed [2 + 2] Cycloaddition Reaction of Bulky Enones with Simple Alkynes. The Effect of Bulkiness of Substituent Attached at $\beta$ -Carbon. <i>Chemistry Letters</i> , 2013, 42, 904-905.	0.7	18
118	Ni(0)-Catalyzed Three-Component Coupling Reaction of Tetrafluoroethylene and N-Sulfonyl-Substituted Imines with Silanes via Aza-Nickelacycles. <i>Organic Letters</i> , 2019, 21, 851-856.	2.4	18
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125	Palladium-Catalyzed Cross-Coupling Reactions of Perfluoro Organic Compounds. <i>Catalysts</i> , 2014, 4, 321-345.	1.6	15
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