

Sensuke Ogoshi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9186781/publications.pdf>

Version: 2024-02-01

172
papers

7,652
citations

29994

54
h-index

69108

77
g-index

222
all docs

222
docs citations

222
times ranked

4112
citing authors

#	ARTICLE	IF	CITATIONS
1	Overlooked Factors Required for Electrolyte Solvents in Li ⁺ O ²⁻ Batteries: Capabilities of Quenching ¹ O ²⁻ and Forming Highly ⁺ Decomposable Li ²⁺ O ²⁻ . <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	12
2	Overlooked Factors Required for Electrolyte Solvents in Li ⁺ O ²⁻ Batteries: Capabilities of Quenching ¹ O ²⁻ and Forming Highly ⁺ Decomposable Li ²⁺ O ²⁻ . <i>Angewandte Chemie</i> , 2022, 134, .	1.6	1
3	Room-Temperature Reversible Chemisorption of Carbon Monoxide on Nickel(0) Complexes. <i>Journal of the American Chemical Society</i> , 2022, 144, 8818-8826.	6.6	7
4	Ni(0)-Catalyzed Synthesis of Polycyclic $\hat{1}$, $\hat{2}$ -Unsaturated $\hat{3}$ -Lactams via Intramolecular Carbonylative Cycloaddition of Yne-imines with CO. <i>Synlett</i> , 2021, 32, 1537-1541.	1.0	1
5	CsF-Catalyzed Fluoroacylation of Tetrafluoroethylene Using Acyl Fluorides for the Synthesis of Pentafluoroethyl Ketones. <i>Synthesis</i> , 2021, 53, 3137-3143.	1.2	2
6	Copper(I)-mediated C ^N /C ^C Bond-forming Reaction with Tetrafluoroethylene for the Synthesis of <i>N</i> -Fluoroalkyl Heteroarenes via an Azacupration/Coupling Mechanism. <i>Chemistry Letters</i> , 2021, 50, 442-444.	0.7	4
7	Synthesis of Fluoroalkyl Sulfides via Additive-Free Hydrothiolation and Sequential Functionalization Reactions. <i>Journal of Organic Chemistry</i> , 2021, 86, 6015-6024.	1.7	8
8	N ⁺ Phosphine Imide ⁺ Substituted Imidazolylidenes. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 1085-1089.	1.3	2
9	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
10	<i>N</i> -Phosphine Oxide-Substituted Imidazolylidenes (PoxIm)s as Multifunctional Multipurpose <i>N</i> -Heterocyclic Carbenes. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2021, 79, 632-641.	0.0	0
11	Sm(II)-mediated Single-electron Reduction of Pentafluorophenylcopper(I). <i>Chemistry Letters</i> , 2021, 50, 1394-1396.	0.7	0
12	A boron-transfer mechanism mediating the thermally induced revival of frustrated carbene ⁺ borane pairs from their shelf-stable adducts. <i>Communications Chemistry</i> , 2021, 4, .	2.0	3
13	Development of Metal Complexes Equipped with Structurally Flexible Carbenes. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 327-338.	2.0	8
14	Enantioselective Synthesis of Polycyclic $\hat{3}$ -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
15	Axial Chirality around N ⁺ P Bonds Induced by Complexation between E(C ⁶ F ⁵) ₃ (E = B, Al) and an <i>N</i> -Phosphine Oxide-Substituted Imidazolylidene: A Key Intermediate in the Catalytic Phosphinylation of CO ₂ . <i>Journal of Organic Chemistry</i> , 2020, 85, 14333-14341.	1.7	9
16	Catalytic Synthesis of Isoquinolines via Intramolecular Migration of <i>N</i> -Aryl Sulfonyl Groups on 1,5-Yne-Imines. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 182-186.	2.0	4
17	Direct Transformation of Tetrafluoroethylene to Trifluorovinylzinc via sp ² C ^F Bond Activation. <i>Organic Letters</i> , 2020, 22, 8167-8172.	2.4	8
18	Cleavage of C(sp ³) ⁺ 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

#	ARTICLE	IF	CITATIONS
19	Celebrating 5 Years of Open Access with <i>ACS Omega</i> . <i>ACS Omega</i> , 2020, 5, 16986-16986.	1.6	2
20	Rotation-Triggered Transmetalation on a Heterobimetallic Cu/Al <i>N</i> -Phosphine-Oxide-Substituted Imidazolylidene Complex. <i>Journal of the American Chemical Society</i> , 2020, 142, 9772-9784.	6.6	18
21	Complexation between MOTf (M = Li and Na) and <i>N</i> -Phosphine Oxide-substituted Imidazolylidenes via Coordination of the <i>N</i> -Phosphoryl Groups. <i>Chemistry Letters</i> , 2019, 48, 230-233.	0.7	10
22	Nickel-catalyzed decarbonylation of <i>N</i> -acylated <i>N</i> -heteroarenes. <i>Chemical Science</i> , 2019, 10, 6666-6671.	3.7	40
23	Triarylborane-Catalyzed Reductive <i>N</i> -Alkylation of Amines: A Perspective. <i>ACS Catalysis</i> , 2019, 9, 5439-5444.	5.5	38
24	Ni(0)-Catalyzed Three-Component Coupling Reaction of Tetrafluoroethylene and <i>N</i> -Sulfonyl-Substituted Imines with Silanes via Aza-Nickelacycles. <i>Organic Letters</i> , 2019, 21, 851-856.	2.4	18
25	Nickel-Catalyzed Three-Component Coupling Reaction of Tetrafluoroethylene and Aldehydes with Silanes via Oxa-Nickelacycles. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1883-1887.	1.2	11
26	Fluorinated Vinylsilanes from the Copper-Catalyzed Defluorosilylation of Fluoroalkene Feedstocks. <i>Angewandte Chemie</i> , 2018, 130, 334-338.	1.6	35
27	Fluorinated Vinylsilanes from the Copper-Catalyzed Defluorosilylation of Fluoroalkene Feedstocks. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 328-332.	7.2	116
28	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
29	Main-Group-Catalyzed Reductive Alkylation of Multiply Substituted Amines with Aldehydes Using H ₂ . <i>Journal of the American Chemical Society</i> , 2018, 140, 7292-7300.	6.6	60
30	Cu ^I -Catalyzed Pentafluoroethylation of Aryl Iodides in the Presence of Tetrafluoroethylene and Cesium Fluoride: Determining the Route to the Key Pentafluoroethyl Cu ^I Intermediate. <i>Chemistry - A European Journal</i> , 2018, 24, 9794-9798.	1.7	36
31	Strain-Induced Double Carbon-Carbon Bond Activations of Cycloparaphenylenes by a Platinum Complex: Application to the Synthesis of Cyclic Diketones. <i>Angewandte Chemie</i> , 2018, 130, 11588-11591.	1.6	10
32	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
33	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
34	Nickel(0)-Mediated Transformation of Tetrafluoroethylene and Vinylarenes into Fluorinated Cyclobutyl Compounds. <i>Angewandte Chemie</i> , 2017, 129, 2475-2479.	1.6	10
35	Copolymerisation of ethylene with polar monomers by using palladium catalysts bearing an <i>N</i> -heterocyclic carbene-phosphine oxide bidentate ligand. <i>Chemical Communications</i> , 2017, 53, 2630-2633.	2.2	61
36	Nickel(0)-catalyzed Coupling Reactions of Carbonyls and Alkenes with Reducing Reagents Giving Six- and Seven-membered Benzocycloalkanols. <i>Chemistry Letters</i> , 2017, 46, 1096-1098.	0.7	8

#	ARTICLE	IF	CITATIONS
37	Phosphorylation of Isocyanates and Aldehydes Mediated by Multifunctional <i>N</i> -Phosphine Oxide-substituted Imidazolylidenes. <i>Chemistry Letters</i> , 2017, 46, 1211-1213.	0.7	13
38	Efficient Synthesis of Polycyclic β -Lactams by Catalytic Carbonylation of Ene-Imines via Nickelacycle Intermediates. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8206-8210.	7.2	43
39	Efficient Synthesis of Polycyclic β -Lactams by Catalytic Carbonylation of Ene-Imines via Nickelacycle Intermediates. <i>Angewandte Chemie</i> , 2017, 129, 8318-8322.	1.6	20
40	Synthesis and Reactivity of Fluoroalkyl Copper Complexes by the Oxycupration of Tetrafluoroethylene. <i>Angewandte Chemie</i> , 2017, 129, 12073-12077.	1.6	13
41	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
42	Titelbild: Synthesis and Reactivity of Fluoroalkyl Copper Complexes by the Oxycupration of Tetrafluoroethylene (<i>Angew. Chem.</i> 39/2017). <i>Angewandte Chemie</i> , 2017, 129, 12178-12178.	1.6	0
43	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
44	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
45	<i>N</i> -Phosphine Oxide-Substituted Imidazolylidenes (Poxlms): Multifunctional Multipurpose Carbenes. <i>Chemistry - A European Journal</i> , 2017, 23, 15238-15243.	1.7	26
46	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
47	Frontispiece: <i>N</i> -Phosphine Oxide-Substituted Imidazolylidenes (Poxlms): Multifunctional Multipurpose Carbenes. <i>Chemistry - A European Journal</i> , 2017, 23, .	1.7	0
48	Two-step synthesis of chiral fused tricyclic scaffolds from phenols via desymmetrization on nickel. <i>Nature Communications</i> , 2017, 8, 32.	5.8	64
49	Kinetic and Theoretical Studies on Ni ⁰ /N-Heterocyclic Carbene-Catalyzed Intramolecular Alkene Hydroacylation. <i>Chemistry - an Asian Journal</i> , 2017, 12, 278-282.	1.7	12
50	Highly Atom Economical Molecular Transformation via Hetero-Nickelacycle. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 1401-1406.	2.0	25
51	Transition-Metal-Free Catalytic Hydrodefluorination of Polyfluoroarenes by Concerted Nucleophilic Aromatic Substitution with a Hydrosilicate. <i>Angewandte Chemie</i> , 2017, 129, 16409-16414.	1.6	27
52	Berichtigung: Strategic Utilization of Multifunctional Carbene for Direct Synthesis of Carboxylic-Phosphinic Mixed Anhydride from CO ₂ . <i>Angewandte Chemie</i> , 2017, 129, 10767-10767.	1.6	0
53	Transition-Metal Mediated Transformations of Tetrafluoroethylene into Various Polyfluorinated Organic Compounds. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2016, 74, 1047-1057.	0.0	15
54	Nickel-Catalyzed Enantioselective Synthesis of Cyclobutenes via [2+2] Cycloaddition of β,β -Unsaturated Carbonyls with 1,3-Enynes. <i>Synthesis</i> , 2016, 48, 2789-2794.	1.2	25

#	ARTICLE	IF	CITATIONS
55	Strategic Utilization of Multifunctional Carbene for Direct Synthesis of Carboxylicâ€“Phosphinic Mixed Anhydride from CO ₂ . <i>Angewandte Chemie</i> , 2016, 128, 16309-16313.	1.6	5
56	Strategic Utilization of Multifunctional Carbene for Direct Synthesis of Carboxylicâ€“Phosphinic Mixed Anhydride from CO ₂ . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 16075-16079.	7.2	28
57	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
58	Copperâ€“Catalyzed Reaction of Trifluoromethylketones with Aldehydes via a Copper Difluoroenolate. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 341-344.	7.2	71
59	A Strategy to Control the Reactivation of Frustrated Lewis Pairs from Shelfâ€“Stable Carbene Borane Complexes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11666-11671.	7.2	39
60	Copper-mediated One-pot Synthesis of Trifluorostyrene Derivatives from Tetrafluoroethylene and Arylboronate. <i>Chemistry Letters</i> , 2015, 44, 1019-1021.	0.7	49
61	Pentacoordinated Carboxylate Î€Allyl Nickel Complexes as Key Intermediates for the Niâ€“Catalyzed Direct Amination of Allylic Alcohols. <i>Chemistry - A European Journal</i> , 2015, 21, 14571-14578.	1.7	66
62	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
63	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
64	Catalytic Transformation of Aldehydes with Nickel Complexes through Î· ² Coordination and Oxidative Cyclization. <i>Accounts of Chemical Research</i> , 2015, 48, 1746-1755.	7.6	96
65	2,2,3,3-Tetrafluoronickelacyclopentanes Generated via the Oxidative Cyclization of Tetrafluoroethylene and Simple Alkenes: A Key Intermediate in Nickel-Catalyzed Câ€“C Bond-Forming Reactions. <i>Organometallics</i> , 2015, 34, 1604-1607.	1.1	44
66	Aza-nickelacycle key intermediate in nickel(0)-catalyzed transformation reactions. <i>Dalton Transactions</i> , 2015, 44, 12060-12073.	1.6	24
67	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
68	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
69	Nickelâ€“Catalyzed Synthesis of Î· ² -Aryl-1,2-dihydropyridines by [2+2+2] Cycloaddition of Imines with Alkynes through Tâ€“Shaped 14â€“Electron Azaâ€“Nickelacycle Key Intermediates. <i>Chemistry - A European Journal</i> , 2014, 20, 4105-4110.	1.7	51
70	Catalytic Transformations of Fluorinated Olefins. <i>Topics in Organometallic Chemistry</i> , 2014, , 197-215.	0.7	20
71	Regioselective CÎ£;F Bond Activation of Hexafluoropropylene on Palladium(0): Formation of a Cationic Î· ² -Perfluoroallylpalladium Complex. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13578-13582.	7.2	38
72	Palladium-Catalyzed Cross-Coupling Reactions of Perfluoro Organic Compounds. <i>Catalysts</i> , 2014, 4, 321-345.	1.6	15

#	ARTICLE	IF	CITATIONS
73	Synthesis of Cyclobutenes and Allenes by Cobalt-Catalyzed Cross-Dimerization of Simple Alkenes with 1,3-Enynes. <i>Chemistry - A European Journal</i> , 2014, 20, 6613-6617.	1.7	47
74	Nickel(0)-Catalyzed [2 + 2 + 1] Carbonylative Cycloaddition of Imines and Alkynes or Norbornene Leading to β -Lactams. <i>Journal of the American Chemical Society</i> , 2014, 136, 15877-15880.	6.6	95
75	Highly Efficient Activation of Organosilanes with η^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
76	Bis-cyclooctatetraene tripalladium sandwich complexes. <i>Chemical Communications</i> , 2014, 50, 820-822.	2.2	22
77	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
78	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
79	Palladium-Catalyzed Coupling Reaction of Perfluoroarenes with Diarylzinc Compounds. <i>Chemistry - A European Journal</i> , 2014, 20, 2040-2048.	1.7	58
80	One-Pot, Single-Step, and Gram-Scale Synthesis of Mononuclear [(η^6 -arene)Ni(N-heterocyclic carbene)] Complexes: Useful Precursors of the Ni ⁰ -NHC Unit. <i>Organometallics</i> , 2014, 33, 1276-1282.	1.1	68
81	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
82	Trinuclear palladium addition to unsaturated carbocycles. <i>Dalton Transactions</i> , 2013, 42, 10626.	1.6	16
83	Bridging π -coordination of pyrrole and indole over a Pd ^I -Pd ^I bond. <i>Chemical Communications</i> , 2013, 49, 4310-4312.	2.2	21
84	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
85	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
86	Preparation of Trifluorovinyl Compounds by Lithium Salt-promoted Monoalkylation of Tetrafluoroethene. <i>Chemistry Letters</i> , 2013, 42, 933-935.	0.7	30
87	Nickel-catalyzed [2 + 2] Cycloaddition Reaction of Bulky Enones with Simple Alkynes. The Effect of Bulkiness of Substituent Attached at β -Carbon. <i>Chemistry Letters</i> , 2013, 42, 904-905.	0.7	18
88	Molecular Transformation via Nickelacycle Intermediate. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2013, 71, 14-24.	0.0	7
89	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
90	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

#	ARTICLE	IF	CITATIONS
91	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
92	Selective Construction of Pd ₂ Pt and PdPt ₂ Triangles in a Sandwich Framework: Carbocyclic Ligands as Scaffolds for a Mixed-Metal System. <i>Chemistry - A European Journal</i> , 2012, 18, 8886-8890.	1.7	25
93	Metalloenoids of platinum: Syntheses and structures of triangular triplatinum sandwich complexes of cycloheptatrienyl. <i>Chemical Science</i> , 2011, 2, 117-122.	3.7	51
94	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
95	Intramolecular Oxidative Cyclization of Alkenes and Nitriles with Nickel(0). <i>Organometallics</i> , 2011, 30, 2765-2774.	1.1	19
96	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
97	Nickel-Catalyzed Formation of Cyclopentenone Derivatives via the Unique Cycloaddition of $\hat{I}\pm, \hat{I}^2$ -Unsaturated Phenyl Esters with Alkynes. <i>Journal of the American Chemical Society</i> , 2011, 133, 14900-14903.	6.6	61
98	Oxidative Dinuclear Addition of a Pd ^I –Pd ^I Moiety to Arenes: Generation of $\hat{I}^4\text{-}\hat{I}^3\text{-}\hat{I}^3\text{-}\hat{I}^3$ -Arene-Pd ^{II} ₂ Species. <i>Journal of the American Chemical Society</i> , 2011, 133, 14908-14911.	6.6	54
99	Palladium-Catalyzed Coupling Reactions of Tetrafluoroethylene with Arylzinc Compounds. <i>Journal of the American Chemical Society</i> , 2011, 133, 3256-3259.	6.6	167
100	Formation of Six-membered Aza-nickelacycles by Oxidative Addition of Cyclopropyl Imines to Nickel(0). <i>Chemistry Letters</i> , 2011, 40, 248-249.	0.7	11
101	[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
102	Nickel-Catalyzed [2 + 2 + 2] Cycloaddition of Two Enones and an Alkyne. <i>Organic Letters</i> , 2010, 12, 3450-3452.	2.4	72
103	[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
104	Nickel/Lewis Acid-Catalyzed Cyanoesterification and Cyanocarbamoylation of Alkynes. <i>Journal of the American Chemical Society</i> , 2010, 132, 10070-10077.	6.6	186
105	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
106	Nickel(0)-Catalyzed Formation of Oxaaluminacyclopentenes via an Oxanickelacyclopentene Key Intermediate: Me ₂ AlOTf-Assisted Oxidative Cyclization of an Aldehyde and an Alkyne with Nickel(0). <i>Organometallics</i> , 2010, 29, 6534-6540.	1.1	31
107	Hydrofluoroarylation of alkynes with fluoroarenes. <i>Dalton Transactions</i> , 2010, 39, 10483.	1.6	69
108	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

#	ARTICLE	IF	CITATIONS
109	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
110	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
111	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
112	Nickel-catalyzed Reactions between Enone and Two Ethylenes. <i>Chemistry Letters</i> , 2009, 38, 1166-1167.	0.7	12
113	Hetero-Nickelacycles as Key Reaction Intermediate in Catalytic Reactions. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2009, 67, 507-516.	0.0	7
114	Synthesis and structure of dipalladium complexes containing cyclooctatetraene and bicyclooctatrienyl ligands. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 894-898.	0.8	15
115	Nickeladihydrofuran. Key intermediate for nickel-catalyzed reaction of alkyne and aldehyde. <i>Chemical Communications</i> , 2008, , 1347.	2.2	91
116	A stable zerovalent palladium chain enveloped by a π -electron sheath of conjugated polyene ligands. <i>Chemical Communications</i> , 2008, , 477-479.	2.2	49
117	Formation of acylruthenium promoted by coordination of AlMe ₃ to (1-4-cyclopentadienone)Ru(CO) ₃ . <i>Dalton Transactions</i> , 2008, , 2232.	1.6	5
118	Intramolecular Arylcyanation of Alkenes Catalyzed by Nickel/AlMe ₂ Cl. <i>Journal of the American Chemical Society</i> , 2008, 130, 12874-12875.	6.6	252
119	Mono- and Dipalladium Movement on the π -Conjugated Five-Carbon Chain. <i>Organometallics</i> , 2008, 27, 276-280.	1.1	13
120	Reductive Coupling of Metal Triangles in Sandwich Complexes. <i>Journal of the American Chemical Society</i> , 2008, 130, 8586-8587.	6.6	61
121	Nickel-catalyzed [2+2+2] cycloaddition of two alkynes and an imine. <i>Pure and Applied Chemistry</i> , 2008, 80, 1115-1125.	0.9	28
122	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
123	Discrete Triangular Tripalladium Sandwich Complexes of Arenes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5440-5443.	7.2	64
124	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
125	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
126	Reaction of (η -2-arylaldehyde)nickel(0) complexes with Me ₃ SiX (X=OTf, Cl). Application to catalytic reductive homocoupling reaction of arylaldehyde. <i>Tetrahedron</i> , 2006, 62, 7583-7588.	1.0	30

#	ARTICLE	IF	CITATIONS
127	Sandwich Complexes Containing Bent Palladium Chains. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5799-5803.	7.2	53
128	AlMe ₃ -Promoted Oxidative Cyclization of η^2 -Alkene and η^2 -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
129	Dimerization of Terminal Alkynes Catalyzed by a Nickel Complex Having a Bulky Phosphine Ligand.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
130	New Direction in Organopalladium Chemistry: Structure and Reactivity of Unsaturated Hydrocarbon Ligands Bound to Multipalladium Units. <i>ChemInform</i> , 2004, 35, no.	0.1	0
131	Convenient synthesis of Pt(0) olefin complexes by colorimetric reduction of Pt(II) complexes with SmI ₂ . <i>Journal of Organometallic Chemistry</i> , 2004, 689, 662-665.	0.8	22
132	Reaction of η^2 -enone and enal-platinum(0) complexes with Lewis acidic compounds. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 894-898.	0.8	14
133	Dimerization of terminal alkynes catalyzed by a nickel complex having a bulky phosphine ligand. <i>Chemical Communications</i> , 2004, , 2732.	2.2	111
134	Direct Observation of Oxidative Cyclization of η^2 -Alkene and η^2 -Aldehyde on Ni(0) Center. Significant Acceleration by Addition of Me ₃ SiOTf. <i>Journal of the American Chemical Society</i> , 2004, 126, 11802-11803.	6.6	128
135	Palladium/Me ₃ SiOTf-Catalyzed Bis-silylation of η^2 , η^2 -Unsaturated Carbonyl Compounds Without Involving Oxidative Addition of Disilane.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
136	New Chemistry of η^3 -Allenyl/Propargyl Complexes of Palladium and Platinum. <i>ChemInform</i> , 2003, 34, no.	0.1	0
137	New Direction in Organopalladium Chemistry: Structure and Reactivity of Unsaturated Hydrocarbon Ligands Bound to Multipalladium Units. <i>Chemical Record</i> , 2003, 3, 101-111.	2.9	12
138	Synthesis, Structure, and Reactivity of a η^3 -1-Hydroxyallyl Complex: Protonation of an η^2 , η^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
139	Reaction of Palladium and Platinum Complexes Bearing η^2 , η^2 -Unsaturated Carbonyl Compounds with Carbon Electrophiles: Control over Site of Electrophilic Attack, Oxygen or Metal. <i>Organometallics</i> , 2003, 22, 5468-5472.	1.1	16
140	New Chemistry of η^3 -Allenyl/Propargyl Complexes of Palladium and Platinum. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2003, 61, 14-23.	0.0	17
141	Palladium/Me ₃ SiOTf-Catalyzed Bis-silylation of η^2 , η^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
142	Novel Role of Carbon Monoxide as a Lewis Acid Catalyst for Friedel-Crafts Reaction. <i>Journal of the American Chemical Society</i> , 2001, 123, 8626-8627.	6.6	25
143	Carbon-Carbon Bond Formation by Electrophilic Addition at the Central Carbon of the η^3 - η^3 -Allenyl/Propargyl Ligand on the Pd-Pd Bond. <i>Journal of the American Chemical Society</i> , 2001, 123, 3223-3228.	6.6	30
144	Coordination of Lewis Acid to η^2 -Enonepalladium(0) Leading to Continuous Structure Variation from η^2 -Olefin Type to η^3 -Allyl Type. <i>Journal of the American Chemical Society</i> , 2001, 123, 1944-1950.	6.6	42

#	ARTICLE	IF	CITATIONS
145	Key Process in Palladium-Catalyzed Asymmetric Transformation of Propargyl Electrophiles. Racemization of Optically Active η^1 -Allenylpalladium(II). <i>Journal of the American Chemical Society</i> , 2001, 123, 7164-7165.	6.6	40
146	Synthesis and destannylation of η^1 -3-1-stannylallylpalladium(II) complexes. <i>Journal of Organometallic Chemistry</i> , 2001, 625, 54-57.	0.8	1
147	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
148	Kinetic Evidence for η^2 -Complex Formation Prior to Oxidative Addition of Propargyl Halides to Triphenylphosphine η^2 -Platinum(0) Complexes. <i>Organometallics</i> , 2000, 19, 4488-4491.	1.1	15
149	Cross-coupling reactions proceeding through η^1 - and η^3 -propargyl/allenyl η^2 -palladium(II) intermediates. <i>Inorganica Chimica Acta</i> , 1999, 296, 37-44.	1.2	32
150	Synthesis and Characterization of Some Cationic η^3 -Propargylpalladium Complexes. <i>Bulletin of the Chemical Society of Japan</i> , 1999, 72, 2687-2692.	2.0	69
151	Carbon-carbon Bond Forming Reactions of η^3 -Vinylcarbenedipalladium Complexes. <i>Chemistry Letters</i> , 1999, 28, 123-124.	0.7	7
152	Synthesis, Structure, and Reactivity of Neutral η^3 -Propargylpalladium Complexes. <i>Journal of the American Chemical Society</i> , 1998, 120, 1938-1939.	6.6	113
153	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
154	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
155	Mechanistic studies on mutual isomerization of propargyl- and allenylplatinum(II) complexes. <i>Inorganica Chimica Acta</i> , 1997, 265, 9-15.	1.2	30
156	New Insights into Structures, Stability, and Bonding of η^3 -Allyl Ligands Coordinated with Pd η^2 -Pd and Pd η^2 -Pt Fragments. <i>Organometallics</i> , 1996, 15, 2089-2097.	1.1	49
157	Synthesis and structure of cationic η^3 -allenyl/propargylpalladium complexes. <i>Journal of Organometallic Chemistry</i> , 1995, 493, C19-C21.	0.8	67
158	Synthesis, Structure and Reactivity of η^3 -Allenyl/Propargyl Dinuclear Palladium Complexes. <i>Journal of the American Chemical Society</i> , 1995, 117, 10415-10416.	6.6	62
159	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
160	Mutual isomerization of η^1 -allenyl and η^1 -propargyl complexes of platinum via a five-coordinate η^3 -allenyl/propargyl intermediate. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 2485-2486.	2.0	30
161	Synthesis of η^3 -2-stannylmethylallylpalladium complexes and their destannylation leading to trimethylenemethane-palladium species. <i>Journal of Organometallic Chemistry</i> , 1994, 481, 19-25.	0.8	8
162	Nucleophilic substitution at the central allyl carbon atom of a (η^3 -allyl)platinum complex. <i>Journal of the American Chemical Society</i> , 1994, 116, 4125-4126.	6.6	75

#	ARTICLE	IF	CITATIONS
163	Convenient synthesis of $[\eta^3\text{-1-(formyl)allyl}]$ - and $[\eta^3\text{-1-(dimethoxymethyl)allyl}]$ palladium chlorides. <i>Journal of Organometallic Chemistry</i> , 1993, 445, C13-C14.	0.8	10
164	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
165	Reaction of palladium(II) complexes with allylsilanes: convenient synthesis of $[\eta^3\text{-1-silylallyl}]$ palladium complexes. <i>Organometallics</i> , 1993, 12, 578-579.	1.1	20
166	Palladium-catalyzed reactions of ketone α -carbonates with norbornenes. An unusual cyclopropanation. <i>Journal of Organic Chemistry</i> , 1993, 58, 9-10.	1.7	47
167	Redox transmetalation reaction involving η^3 -allyl group transfer from palladium(II) to platinum(0). <i>Organometallics</i> , 1993, 12, 2869-2871.	1.1	30
168	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
169	Reaction of 1-silyl dienol silyl ethers with palladium(II) complexes: novel formation of several types of $[\eta^3\text{-allyl}]$ palladium(II) complexes via the versatile complex $[\eta^3\text{-1-(silylcarbonyl)allyl}]$ palladium chloride. <i>Organometallics</i> , 1991, 10, 3813-3818.	1.1	8
170	Allyl Group Transfer between M(II) and M(0) Centers (M = Pd, Pt) Proceeding through AntiNucleophilic Attack at η^3 -Allyl Ligand. <i>Chemistry Letters</i> , 1990, 19, 1745-1748.	0.7	26
171	Novel decarbonylation of a formal homoacylpalladium linkage, $\text{PdCH}(\text{CR}:\text{CH}_2)\text{C}(\text{O})\text{SiR}'_3$ affording a $\text{PdCH}(\text{CR}:\text{CH}_2)\text{SiR}'_3$ moiety. <i>Organometallics</i> , 1990, 9, 3021-3022.	1.1	4
172	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