

Kazushi Mashima

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3025532/publications.pdf>

Version: 2024-02-01

311
papers

11,981
citations

22153

59
h-index

51608

86
g-index

317
all docs

317
docs citations

317
times ranked

7349
citing authors

#	ARTICLE	IF	CITATIONS
1	Practical synthesis of (R)- or (S)-2,2'-bis(diarylphosphino)-1,1'-binaphthyls (BINAPs). <i>Journal of Organic Chemistry</i> , 1986, 51, 629-635.	3.2	366
2	Cationic BINAP-Ru(II) Halide Complexes: Highly Efficient Catalysts for Stereoselective Asymmetric Hydrogenation of .alpha.- and .beta.-Functionalized Ketones. <i>Journal of Organic Chemistry</i> , 1994, 59, 3064-3076.	3.2	329
3	Magnesium hydridotriphenylborate [Mg(thf) ₆][HBPh ₃] ₂ : a versatile hydroboration catalyst. <i>Chemical Communications</i> , 2016, 52, 13155-13158.	4.1	212
4	Platinum-Catalyzed Direct Amination of Allylic Alcohols under Mild Conditions: Ligand and Microwave Effects, Substrate Scope, and Mechanistic Study. <i>Journal of the American Chemical Society</i> , 2009, 131, 14317-14328.	13.7	166
5	1,3-Diene complexes of zirconium and hafnium prepared by the reaction of enediylmagnesium with MCl ₂ Cp ₂ . A remarkable difference between the zirconium and hafnium analogs as revealed by proton NMR and electronic spectra. <i>Organometallics</i> , 1982, 1, 388-396.	2.3	163
6	Asymmetric Transfer Hydrogenation of Ketonic Substrates Catalyzed by (i-5-C ₅ Me ₅)MCl Complexes (M = Ir, Rh, Ru, Os). <i>Journal of the American Chemical Society</i> , 2007, 129, 1199-1200.	1.3	160
7	Enzyme-Like Chemoselective Acylation of Alcohols in the Presence of Amines Catalyzed by a Tetranuclear Zinc Cluster. <i>Journal of the American Chemical Society</i> , 2008, 130, 2944-2945.	13.7	160
8	Synthesis of new cationic BINAP-ruthenium(II) complexes and their use in asymmetric hydrogenation [BINAP = 2,2'-bis(diphenylphosphino)-1,1'-binaphthyl]. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 1208-1210.	2.0	145
9	Asymmetric Hydrogenation of Isoquinolinium Salts Catalyzed by Chiral Iridium Complexes: Direct Synthesis for Optically Active 1,2,3,4-tetrahydroisoquinolines. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2046-2050.	13.8	140
10	1,4-Bis(trimethylsilyl)-1,4-diaza-2,5-cyclohexadienes as Strong Salt-Free Reductants for Generating Low-Valent Early Transition Metals with Electron-Donating Ligands. <i>Journal of the American Chemical Society</i> , 2014, 136, 5161-5170.	13.7	129
11	Direct Use of Allylic Alcohols for Platinum-Catalyzed Monoallylation of Amines. <i>Organic Letters</i> , 2007, 9, 3371-3374.	4.6	125
12	Unprecedented Halide Dependence on Catalytic Asymmetric Hydrogenation of 2-Aryl- and 2-Alkyl-Substituted Quinolinium Salts by Using Ir Complexes with Difluorophos and Halide Ligands. <i>Chemistry - A European Journal</i> , 2009, 15, 9990-9994.	3.3	125
13	Living Polymerization of Ethylene Catalyzed by Diene Complexes of Niobium and Tantalum, M(.eta.5-C ₅ Me ₅)(.eta.4-diene) ₂ and M(.eta.5-C ₅ Me ₅)(.eta.4-diene) ₂ (M = Nb and Ta), in the Presence of Methylaluminoxane. <i>Organometallics</i> , 1995, 14, 2633-2640.	2.3	123
14	Sodium methoxide: a simple but highly efficient catalyst for the direct amidation of esters. <i>Chemical Communications</i> , 2012, 48, 5434.	4.1	116
15	Asymmetric hydrogenation of cycloalkanones catalyzed by BINAP-iridium(I)-aminophosphine systems. <i>Journal of the American Chemical Society</i> , 1993, 115, 3318-3319.	13.7	115
16	Asymmetric Allylic Alkylation of α -Ketoesters with Allylic Alcohols by a Nickel/Diphosphine Catalyst. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1098-1101.	13.8	112
17	New Tantalum Ligand-Free Catalyst System for Highly Selective Trimerization of Ethylene Affording 1-Hexene: New Evidence of a Metallacycle Mechanism. <i>Journal of the American Chemical Society</i> , 2009, 131, 5370-5371.	13.7	107
18	Hemilabile <i>N</i> -Xylyl- α -methylperimidine Carbene Iridium Complexes as Catalysts for C-H Bond Activation and Dehydrogenative Silylation: Dual Role of <i>N</i> -Xylyl Moiety for ortho-C-H Bond Activation and Reductive Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2013, 135, 13149-13161.	13.7	105

#	ARTICLE	IF	CITATIONS
19	Unique bonding and geometry in η^5 -cyclopentadienyltantalum-diene complexes. Preparation, x-ray structural analyses, and EHMO calculations. <i>Journal of the American Chemical Society</i> , 1985, 107, 2410-2422.	13.7	104
20	Synthesis of partially hydrogenated BINAP variants. <i>Tetrahedron Letters</i> , 1991, 32, 7283-7286.	1.4	103
21	Lanthanide Complexes Supported by a Trizinc Crown Ether as Catalysts for Alternating Copolymerization of Epoxide and CO_2 : Telomerization Controlled by Carboxylate Anions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2492-2496.	13.8	103
22	Polymerization of ethylene catalyzed by a tantalum system $\text{Ta}(\eta^5\text{-C}_5\text{Me}_5)(\eta^5\text{-4-diene})(\text{CH}_3)_2/\text{MAO}$: an isoelectronic analog for group 4 metallocene catalyst (MAO = methylaluminumoxane). <i>Journal of the American Chemical Society</i> , 1993, 115, 10990-10991.	13.7	101
23	End-Functionalized Polymerization of 2-Vinylpyridine through Initial C-H Bond Activation of N -Heteroaromatics and Internal Alkynes by Yttrium Diamido Complexes. <i>Journal of the American Chemical Society</i> , 2011, 133, 19626-19629.	13.7	101
24	Symmetric Rh/Phebox-Catalyzed Asymmetric Alkynylation of α -Ketoesters. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6296-6300.	13.8	100
25	Selective Formation of Homoleptic and Heteroleptic 2,5-Bis(<i>N</i> -aryliminomethyl)pyrrolyl Yttrium Complexes and Their Performance as Initiators of μ -Caprolactone Polymerization. <i>Organometallics</i> , 2001, 20, 3510-3518.	2.3	99
26	Oxidative Addition of RCO_2H and HX to Chiral Diphosphine Complexes of Iridium(I): A Convenient Synthesis of Mononuclear Halo-Carboxylate Iridium(III) Complexes and Cationic Dinuclear Triply Halogen-Bridged Iridium(III) Complexes and Their Catalytic Performance in Asymmetric Hydrogenation of Cyclic Imines and 2-Phenylquinoline. <i>Organometallics</i> , 2006, 25, 2505-2513.	2.3	94
27	Transesterification of Various Methyl Esters Under Mild Conditions Catalyzed by Tetranuclear Zinc Cluster. <i>Journal of Organic Chemistry</i> , 2008, 73, 5147-5150.	3.2	94
28	Cerium(IV) Carboxylate Photocatalyst for Catalytic Radical Formation from Carboxylic Acids: Decarboxylative Oxygenation of Aliphatic Carboxylic Acids and Lactonization of Aromatic Carboxylic Acids. <i>Journal of the American Chemical Society</i> , 2020, 142, 5668-5675.	13.7	94
29	Platinum-Catalyzed Direct Amination of Allylic Alcohols with Aqueous Ammonia: Selective Synthesis of Primary Allylamines. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 150-154.	13.8	90
30	Mechanistic Studies and Expansion of the Substrate Scope of Direct Enantioselective Alkynylation of α -Ketiminoesters Catalyzed by Adaptable (Phebox)Rhodium(III) Complexes. <i>Journal of the American Chemical Society</i> , 2016, 138, 6194-6203.	13.7	87
31	Rh-Catalyzed Direct Enantioselective Alkynylation of α -Ketiminoesters. <i>Chemistry - A European Journal</i> , 2013, 19, 8417-8420.	3.3	85
32	Iridium-Difluorophos-Catalyzed Asymmetric Hydrogenation of 2-Alkyl- and 2-Aryl-Substituted Quinoxalines: A General and Efficient Route into Tetrahydroquinoxalines. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1886-1891.	4.3	81
33	An Anionic Dinuclear BINAP-Ruthenium(II) Complex: A Crystal Structure of $[\text{NH}_2\text{Et}_2][\{\text{RuCl}(\text{R})\text{-p-MeO-BINAP}\}_2(\mu\text{-Cl})_3]$ and Its Use in Asymmetric Hydrogenation. <i>Organometallics</i> , 1996, 15, 1521-1523.	2.3	80
34	Highly stereoselective asymmetric hydrogenation of 2-benzamidomethyl-3-oxobutanoate catalysed by cationic binap-ruthenium(II) complexes. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 609-610.	2.0	79
35	Chemistry of Coordinatively Unsaturated Bis(thiolato)ruthenium(II) Complexes (<i>i</i> -6-arene) $\text{Ru}(\text{SAr})_2$ [SAr = 2,6-Dimethylbenzenethiolate, 2,4,6-Triisopropylbenzenethiolate; (SAr) $_2$ = 1,2-Benzenedithiolate; Arene = Benzene, <i>p</i> -Cymene, Hexamethylbenzene]. <i>Organometallics</i> , 1997, 16, 1016-1025.	2.3	79
36	Direct conversion of esters, lactones, and carboxylic acids to oxazolines catalyzed by a tetranuclear zinc cluster. <i>Chemical Communications</i> , 2006, , 2711.	4.1	78

#	ARTICLE	IF	CITATIONS
37	The Half-sandwich Hydride and 16-Electron Complexes of Rhodium and Iridium Containing (1 <i>S</i> ,2 <i>S</i>)- <i>N</i> -(<i>p</i> -Toluenesulfonyl)-1,2-diphenylethylenediamine: Relevant to the Asymmetric Transfer Hydrogenation. <i>Chemistry Letters</i> , 1998, 27, 1201-1202.	1.3	77
38	Stepwise and one-pot syntheses of Ir(III) complexes with imidazolium-based carbene ligands. <i>Dalton Transactions</i> , 2008, , 916-923.	3.3	75
39	Carbon Radical Generation by dTantalum Complexes with λ^2 -Diimine Ligands through Ligand-Centered Redox Processes. <i>Journal of the American Chemical Society</i> , 2011, 133, 18673-18683.	13.7	75
40	Asymmetric hydroformylation of vinyl acetate by use of chiral bis(triarylphosphite)-rhodium(I) complexes. <i>Tetrahedron: Asymmetry</i> , 1992, 3, 583-586.	1.8	74
41	Uniqueness and versatility of iminopyrrolyl ligands for transition metal complexes. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 4414-4423.	1.8	74
42	Zinc-Catalyzed Amide Cleavage and Esterification of β -Hydroxyethylamides. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5723-5726.	13.8	73
43	Synthesis of partially hydrogenated 2,2'-bis(diphenylphosphanyl)-1,1'-binaphthyl (BINAP) ligands and their application to catalytic asymmetric hydrogenation. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 2309-2322.	0.9	71
44	Intramolecular Benzoylation of an Imino Group of Tridentate 2,5-Bis(<i>N</i> -aryliminomethyl)pyrrolyl Ligands Bound to Zirconium and Hafnium Gives Amido-Pyrrolyl Complexes That Catalyze Ethylene Polymerization. <i>Organometallics</i> , 2004, 23, 2797-2805.	2.3	71
45	Direct functionalization of unactivated C-H bonds catalyzed by group 3 metal alkyl complexes. <i>Dalton Transactions</i> , 2014, 43, 2331-2343.	3.3	71
46	Control of Stereoselectivity in the Ring-Opening Metathesis Polymerization of Norbornene by the Auxiliary Ligands Butadiene and Xylylene in Well-Defined Pentamethylcyclopentadiene Tantalum Carbene Complexes. <i>Organometallics</i> , 1998, 17, 4183-4195.	2.3	70
47	Chemoselective Reduction of Tertiary Amides to Amines Catalyzed by Triphenylborane. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13326-13329.	13.8	70
48	Bis(imido)vanadium(V)-Catalyzed [2+2+1] Coupling of Alkynes and Azobenzenes Giving Multisubstituted Pyrroles. <i>Journal of the American Chemical Society</i> , 2019, 141, 4194-4198.	13.7	67
49	Pentacoordinated Carboxylate 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.	3.3	66
50	Salt-Free Reduction of Nonprecious Transition-Metal Compounds: Generation of Amorphous Ni Nanoparticles for Catalytic C-C Bond Formation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14437-14441.	13.8	66
51	General Asymmetric Hydrogenation of 2-Alkyl- and 2-Aryl-Substituted Quinoxaline Derivatives Catalyzed by Iridium-Difluorophos: Unusual Halide Effect and Synthetic Application. <i>Journal of Organic Chemistry</i> , 2012, 77, 4544-4556.	3.2	65
52	Low Temperature Activation of Supported Metathesis Catalysts by Organosilicon Reducing Agents. <i>ACS Central Science</i> , 2016, 2, 569-576.	11.3	65
53	Enzyme-Like Catalysis via Ternary Complex Mechanism: Alkoxy-Bridged Dinuclear Cobalt Complex Mediates Chemoselective O-Esterification over N-Amidation. <i>Journal of the American Chemical Society</i> , 2013, 135, 6192-6199.	13.7	64
54	Aminomethylation Reaction of <i>ortho</i> -Pyridyl C-H Bonds Catalyzed by Group 3 Metal Triamido Complexes. <i>Journal of the American Chemical Society</i> , 2015, 137, 640-643.	13.7	63

#	ARTICLE	IF	CITATIONS
55	Reductive Formation of Straight Linear Metal-Metal Bonded Tetranuclear Complexes $X_2M_2Mo_2M_2X$ from $X_2M_2Mo_2MX_2$ Supported by Four Tridentate 6-Diphenylphosphino-2-pyridonate Ligands (M = Pd, Pt; X = Cl, Br, I). <i>Journal of the American Chemical Society</i> , 1996, 118, 9083-9095.	13.7	62
56	Additive Effects of Amines on Asymmetric Hydrogenation of Quinoxalines Catalyzed by Chiral Iridium Complexes. <i>Chemistry - A European Journal</i> , 2012, 18, 11578-11592.	3.3	62
57	Oxidant-Free Direct Coupling of Internal Alkynes and 2-Alkylpyridine via Double C-H Activations by Alkylhafnium Complexes. <i>Journal of the American Chemical Society</i> , 2011, 133, 732-735.	13.7	61
58	Aluminum Triflate as a Powerful Catalyst for Direct Amination of Alcohols, Including Electron-Withdrawing Group-Substituted Benzhydrols. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2447-2452.	4.3	61
59	Diene Complexes of Calcium and Strontium: First Crystal Structures of Calcium- and Strontium-Diene Complexes, $M(2,3\text{-dimethyl-1,4-diphenyl-1,3-butadiene})(THF)_4$ (M = Ca and Sr). <i>Journal of the American Chemical Society</i> , 1994, 116, 6977-6978.	13.7	60
60	Synthesis of Arenethiolate Complexes of Divalent and Trivalent Lanthanides from Metallic Lanthanides and Diaryl Disulfides: Crystal Structures of $[Yb(hmpa)_3]_2(\text{1,4-SPh})_3[SPh]$ and $Ln(SPh)_3(hmpa)_3$ (Ln = Sm, Yb; hmpa = Hexamethylphosphoric Triamide). <i>Inorganic Chemistry</i> , 1996, 35, 93-99.	4.0	60
61	Unique Complexation of 1,4-Diaza-1,3-butadiene Ligand on Half-Metallocene Fragments of Niobium and Tantalum. <i>Organometallics</i> , 1999, 18, 1471-1481.	2.3	60
62	New synthetic strategy for a straight linear metal-metal bonded tetranuclear complex, the palladium-molybdenum-molybdenum-palladium system supported by four tridentate 6-(diphenylphosphino)-2-pyridonate ligands. <i>Journal of the American Chemical Society</i> , 1993, 115, 11632-11633.	13.7	59
63	Mechanistic understanding of alkyne cyclotrimerization on mononuclear and dinuclear scaffolds: [4 + 2] cycloaddition of the third alkyne onto metallacyclopentadienes and dimetallacyclopentadienes. <i>Dalton Transactions</i> , 2016, 45, 17072-17081.	3.3	59
64	Salt Metathesis and Direct Reduction Reactions Leading to Group 3 Metal Complexes with a $\text{N}(\text{2,6-diisopropylphenyl})_2$ -Bis(2,6-diisopropylphenyl)-1,4-diaza-1,3-butadiene Ligand and Their Solid-State Structures. <i>Organometallics</i> , 2010, 29, 2610-2615.	2.3	58
65	Isoselective Living Polymerization of 1-Hexene Catalyzed by Half-Metallocene Dimethyl Complexes of Hafnium with Bidentate N-Substituted (Iminomethyl)pyrrolyl Ligands. <i>Organometallics</i> , 2005, 24, 3375-3377.	2.3	56
66	Zinc-Catalyzed Cycloisomerizations. Synthesis of Substituted Furans and Furopyrimidine Nucleosides. <i>Journal of Organic Chemistry</i> , 2008, 73, 5881-5889.	3.2	56
67	Salt-Free Reducing Reagent of Bis(trimethylsilyl)cyclohexadiene Mediates Multielectron Reduction of Chloride Complexes of W(VI) and W(IV). <i>Journal of the American Chemical Society</i> , 2013, 135, 5986-5989.	13.7	55
68	Polyethylene with extremely narrow polydispersity obtained from the new catalyst systems $Nb(\text{1-5-C}_5\text{Me}_5)(\text{1-4-diene})Cl_2$ and $Nb(\text{1-5-C}_5\text{Me}_5)(\text{1-4-diene})_2$ MAO. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1623-1624.	2.0	54
69	Structural and Electronic Noninnocence of N^{\pm} -Diimine Ligands on Niobium for Reductive C-Cl Bond Activation and Catalytic Radical Addition Reactions. <i>Journal of the American Chemical Society</i> , 2017, 139, 6494-6505.	13.7	54
70	New chiral ruthenium complexes for asymmetric catalytic hydrogenations. <i>Pure and Applied Chemistry</i> , 1990, 62, 1135-1138.	1.9	53
71	Chemoselective asymmetric hydrogenation of $\text{1,1}^{\pm},\text{1}^2$ -unsaturated carbonyl compounds to allylic alcohols catalyzed by $[Ir(\text{binap})(\text{cod})]BF_4$ -aminophosphine. <i>Journal of Organometallic Chemistry</i> , 1992, 428, 213-222.	1.8	52
72	Iridium-catalyzed Asymmetric Hydrogenation of Pyridinium Salts for Constructing Multiple Stereogenic Centers on Piperidines. <i>Chemistry Letters</i> , 2014, 43, 284-286.	1.3	52

#	ARTICLE	IF	CITATIONS
73	Mechanistic Study of Ni and Cu Dual Catalyst for Asymmetric C-C Bond Formation; Asymmetric Coupling of 1,3-Dienes with C-nucleophiles to Construct Vicinal Stereocenters. <i>ACS Catalysis</i> , 2021, 11, 6643-6655.	11.2	52
74	Preparation, Structural Characterization, and Reactions of Tantalum-Alkyne Complexes TaCl ₃ (R ¹ C≡CR ²)L ₂ (L ₂ = DME, Bipy, and TMEDA; L = Py). <i>Organometallics</i> , 2003, 22, 464-472.	2.3	50
75	Direct substitution of the hydroxy group with highly functionalized nitrogen nucleophiles catalyzed by Au(III). <i>Chemical Communications</i> , 2011, 47, 8322.	4.1	50
76	Highly Enantioselective and cis/trans C=C Bond Selective Catalytic Hydrogenation of Cyclic Enones: Alternative Synthesis of (±)-Menthol. <i>Chemistry - A European Journal</i> , 2008, 14, 2060-2066.	3.3	49
77	Asymmetric Hydrogenation of Heteroaromatic Ketones and Cyclic and Acyclic Enones Mediated by Cu(I)-Chiral Diphosphine Catalysts. <i>Synlett</i> , 2009, 2009, 3143-3146.	1.8	49
78	Controlled Benzoylation of λ^2 -Diimine Ligands Bound to Zirconium and Hafnium: An Alternative Method for Preparing Mono- and Bis(amido)M(CH ₂) ₂ Ph (M = Zr, Hf) Complexes as Catalyst Precursors for Isospecific Polymerization of λ^2 -Olefins. <i>Organometallics</i> , 2009, 28, 680-687.	2.3	49
79	Nickel-catalyzed cyanation of aryl halides and triflates using acetonitrile via C-CN bond cleavage assisted by 1,4-bis(trimethylsilyl)-2,3,5,6-tetramethyl-1,4-dihydropyrazine. <i>Chemical Science</i> , 2019, 10, 994-999.	7.4	49
80	A new convenient preparation of monocyclooctatetraenyl-lanthanide complexes from metallic lanthanides and oxidants. <i>Journal of Organometallic Chemistry</i> , 1994, 473, 85-91.	1.8	48
81	cis-iso-Specific Polymerization of Norbornenes by a Unique Combination of Cp* and 1,3-Butadiene Ligands on Tantalum: Crystal Structures of Cp*(1-4-C ₄ H ₆)Ta(CH ₂ Ph) ₂ and Cp*(1-4-C ₄ H ₆)Ta(CHPh)(PMe ₃). <i>Organometallics</i> , 1996, 15, 2431-2433.	2.3	48
82	Dual Platinum and Pyrrolidine Catalysis in the Direct Alkylation of Allylic Alcohols: Selective Synthesis of Monoalkylation Products. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4377-4381.	13.8	48
83	Hydrogenation of amides catalyzed by a combined catalytic system of a Ru complex with a zinc salt. <i>Chemical Communications</i> , 2014, 50, 11211-11213.	4.1	48
84	Elongation of the Quadruple CrII-CrII Bond Induced by Two PtMe ₂ Moieties in the Linearly Aligned Tetrametal System, PtMe ₂ (λ^2 -Cr λ^2 -Cr λ^2 -Pt)Me ₂ . <i>Journal of the American Chemical Society</i> , 1997, 119, 4307-4308.	13.7	47
85	Dative Pd(0)-Mo(II) Bonds in a Linearly Aligned Tetrametal System: Preparation, Characterization, and Reaction of a Tetranuclear Pd(0)-Mo(II)-Mo(II)-Pd(0) Supported by Four 6-Diphenylphosphino-2-pyridonate Ligands. <i>Journal of the American Chemical Society</i> , 1998, 120, 12151-12152.	13.7	47
86	Synthesis and Characterization of Bis(iminopyrrolyl)zirconium Complexes. <i>Chemistry Letters</i> , 2000, 29, 1114-1115.	1.3	47
87	Synthesis, Characterization, and Lactide Polymerization Activity of Group 4 Metal Complexes Containing Two Bis(phenolate) Ligands. <i>Inorganic Chemistry</i> , 2012, 51, 5764-5770.	4.0	47
88	Synthesis, Characterization, and Reactions of a Mononuclear Tantalum-Benzynes Complex, Ta(η^5 -C ₅ Me ₅)(η^4 -C ₄ H ₆)(η^2 -C ₆ H ₄). <i>Organometallics</i> , 1995, 14, 5642-5651.	2.3	46
89	Intramolecular Alkylation of λ^2 -Diimine Ligands Giving Amido-imino and Diamido Scandium and Yttrium Complexes as Catalysts for Intramolecular Hydroamination/Cyclization. <i>Organometallics</i> , 2010, 29, 3463-3466.	2.3	46
90	Alternating Copolymerization of CO ₂ and Cyclohexene Oxide Catalyzed by Cobalt-Lanthanide Mixed Multinuclear Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 7928-7933.	4.0	45

#	ARTICLE	IF	CITATIONS
91	A Dimethyl Complex of a Niobium η^5 -Butadiene Fragment, Cp*(η^5 -C ₄ H ₆)NbMe ₂ , Is a Carbene Precursor with Reactivity Similar to That of Dimethyltitanocene. <i>Organometallics</i> , 1997, 16, 1345-1348.	2.3	44
92	Cerium(IV) Hexanuclear Clusters from Cerium(III) Precursors: Molecular Models for Oxidative Growth of Ceria Nanoparticles. <i>Chemistry - A European Journal</i> , 2015, 21, 13454-13461.	3.3	44
93	Direct Evidence for a [4+2] Cycloaddition Mechanism of Alkynes to Tantalacyclopentadiene on Dinuclear Tantalum Complexes as a Model of Alkyne Cyclotrimerization. <i>Chemistry - A European Journal</i> , 2015, 21, 11369-11377.	3.3	44
94	Gold η^5 -Catalyzed Carbenoid Transfer Reactions of Dienes η^5 -Pinacol Rearrangement <i>versus</i> <i>retro</i> -Buchner Reaction. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 775-781.	4.3	44
95	Salt-Free Reduction of Transition Metal Complexes by Bis(trimethylsilyl)cyclohexadiene, -dihydropyrazine, and -4,4 η^2 -bipyridinylidene Derivatives. <i>Accounts of Chemical Research</i> , 2019, 52, 769-779.	15.6	43
96	Formation of lanthanoid(II) and lanthanoid(III) thiolate complexes derived from metals and organic disulfides: crystal structures of [Ln(SAr)(μ -SAr)(thf) ₃] ₂ (Ln = Sm, Eu), [Sm(SAr) ₃ (py) ₂ (thf)] and [Yb(SAr) ₃ (py) ₃] (Ar = 2,4,6-triisopropylphenyl; py = pyridine). <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2523-2524.	2.0	42
97	Half-Metallocene Tantalum Complexes Bearing Methyl Methacrylate (MMA) and 1,4-Diaza-1,3-diene Ligands as MMA Polymerization Catalysts. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 960-962.	13.8	42
98	Unusual Enhancement of Ethylene Polymerization Activity of Benzyl Zirconium Complexes by Benzoylation of the Imino Moiety of 2-(N-Aryliminomethyl)pyrrolyl Ligand. <i>Chemistry Letters</i> , 2003, 32, 756-757.	1.3	42
99	Enhancing Effects of Salt Formation on Catalytic Activity and Enantioselectivity for Asymmetric Hydrogenation of Isoquinolinium Salts by Dinuclear Halide η^5 -Bridged Iridium Complexes Bearing Chiral Diphosphine Ligands. <i>Chemistry - A European Journal</i> , 2015, 21, 1915-1927.	3.3	42
100	A new convenient synthesis of cyclooctatetraenyllanthanide complexes: γ -ray crystal structure of CeI(C ₈ H ₈)(THF) ₃ . <i>Tetrahedron Letters</i> , 1989, 30, 3697-3700.	1.4	41
101	Chemo η^5 -and Regioselective Reduction of 5,15 η^5 -Diazaporphyrins Providing Antiaromatic Azaporphyrinoids. <i>Chemistry - A European Journal</i> , 2016, 22, 3956-3961.	3.3	41
102	Tunable Ligand Effects on Ruthenium Catalyst Activity for Selectively Preparing Imines or Amides by Dehydrogenative Coupling Reactions of Alcohols and Amines. <i>Chemistry - A European Journal</i> , 2017, 23, 12795-12804.	3.3	41
103	Multiply-bonded dinuclear complexes of early-transition metals as minimum entities of metal cluster catalysts. <i>Coordination Chemistry Reviews</i> , 2018, 355, 223-239.	18.8	41
104	THE X-RAY STRUCTURE OF A MAGNESIUM-1,3-DIENE COMPLEX. THE UNIQUE MODE OF COORDINATION OF DIENE OBSERVED IN PENTA-COORDINATED Mg(THF) ₃ (s-cis-PhCH=CH η^5 -CH=CHPh). <i>Chemistry Letters</i> , 1982, 11, 1277-1280.	1.3	40
105	Synthesis and characterization of mono- and tri-nuclear ruthenium complexes of 2,2 η^2 -bis(diphenylphosphino)-1,1 η^2 -binaphthyl and their catalytic activity. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 2099-2107.	1.1	40
106	Arene η^5 -Ruthenium Complexes of an Acyclic Thiolate η^5 -Thioether and Tridentate Thioether Derivatives Resulting from Ring-Closure Reactions. <i>Inorganic Chemistry</i> , 2003, 42, 96-106.	4.0	40
107	Dianion and Monoanion Ligation of 1,4-Diaza-1,3-butadiene to Barium, Strontium, and Calcium. <i>Organometallics</i> , 2012, 31, 3178-3184.	2.3	40
108	Oxidation of Alcohols to Carbonyl Compounds Catalyzed by Oxo-Bridged Dinuclear Cerium Complexes with Pentadentate Schiff-Base Ligands under a Dioxygen Atmosphere. <i>ACS Catalysis</i> , 2018, 8, 6939-6947.	11.2	40

#	ARTICLE	IF	CITATIONS
109	4,4'-Bipyridyl-Catalyzed Reduction of Nitroarenes by Bis(neopentylglycolato)diboron. <i>Organic Letters</i> , 2019, 21, 9812-9817.	4.6	40
110	Hafnocene Catalysts for Selective Propylene Oligomerization: An Efficient Synthesis of 4-Methyl-1-pentene by β -Methyl Transfer. <i>Journal of the American Chemical Society</i> , 2006, 128, 13017-13025.	13.7	39
111	Carboxylate Ligand-Induced Intramolecular C-H Bond Activation of Iridium Complexes with <i>N</i> -Phenylperimidine-Based Carbene Ligands. <i>Organometallics</i> , 2010, 29, 4120-4129.	2.3	39
112	Supramolecular assemblies of multi-nuclear transition metal complexes: Synthesis and redox properties. <i>Coordination Chemistry Reviews</i> , 2014, 265, 38-51.	18.8	39
113	Renaissance of Homogeneous Cerium Catalysts with Unique σ - σ -Ce(IV/III) Couple: Redox-Mediated Organic Transformations Involving Homolysis of Ce(IV)-Ligand Covalent Bonds. <i>Journal of the American Chemical Society</i> , 2021, 143, 7879-7890.	13.7	39
114	Unique Oxidative Metal-Metal Bond Formation of Linearly Aligned Tetranuclear Rh-Mo-Mo-Rh Clusters. <i>Journal of the American Chemical Society</i> , 2004, 126, 12244-12245.	13.7	38
115	σ -Supine or σ -prone ligands: geometric preference of conjugated diene, 1-azadiene, and 1,4-diazadiene ligands on half-metallocene complexes of early transition metals. <i>Journal of Organometallic Chemistry</i> , 2001, 621, 224-230.	1.8	37
116	Rare-Earth Metal Bis(dimethylsilyl)amide Complexes Supported by Cyclooctatetraenyl Ligands. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 76-85.	2.0	37
117	A Tetranuclear Zinc Cluster-Catalyzed Practical and Versatile Deprotection of Acetates and Benzoates. <i>Chemistry - A European Journal</i> , 2010, 16, 11567-11571.	3.3	37
118	Inorganic-Salt-Free Reduction in Main-Group Chemistry: Synthesis of a Dibismuthene and a Distibene. <i>Organometallics</i> , 2017, 36, 1224-1226.	2.3	37
119	Combined Catalytic System of Scandium Triflate and Boronic Ester for Amide Bond Cleavage. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3391-3395.	4.3	36
120	Convenient synthesis of anionic dinuclear ruthenium(II) complexes [NR ₂ H ₂][{RuCl(diphosphine)} ₂ (η^4 -Cl) ₃] [diphosphine=2,2'-bis(diphenylphosphino)-1,1'-binaphthyl, 2,2'-bis(di(p-tolyl)phosphino)-1,1'-binaphthyl, and 1,2-bis(diphenylphosphino)benzene]: crystal structure of [NEt ₂ H ₂][{RuCl(1,2-bis(diphenylphosphino)benzene)} ₂ (η^4 -Cl) ₃]. <i>Journal of Organometallic Chemistry</i> , 2000, 607, 51-56.	1.8	35
121	Preparation and Structure of Iminopyrrolyl and Amidopyrrolyl Complexes of Group 2 Metals. <i>Organometallics</i> , 2012, 31, 2268-2274.	2.3	35
122	Additive Effects on Asymmetric Hydrogenation of N-Heteroaromatics. <i>Heterocycles</i> , 2014, 88, 103.	0.7	35
123	Synthesis and Structural Characterization of 2,5-Bis(N-aryliminomethyl)pyrrolyl Complexes of Aluminum. <i>Bulletin of the Chemical Society of Japan</i> , 2003, 76, 1965-1968.	3.2	34
124	Synthesis, Structure, and Reactions of Stable Titanacyclopentanes. <i>Bulletin of the Chemical Society of Japan</i> , 1991, 64, 2475-2483.	3.2	33
125	Recent progress in the chemistry of 1,3-diene complexes of niobium and tantalum. <i>Journal of Organometallic Chemistry</i> , 1995, 500, 261-267.	1.8	32
126	Chloride-Bridged Dinuclear Rhodium(III) Complexes Bearing Chiral Diphosphine Ligands: Catalyst Precursors for Asymmetric Hydrogenation of Simple Olefins. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8299-8303.	13.8	32

#	ARTICLE	IF	CITATIONS
127	Cobalt-Catalyzed E-Selective Cross-Dimerization of Terminal Alkynes: A Mechanism Involving Cobalt(0/II) Redox Cycles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1552-1556.	13.8	32
128	Asymmetric Allylic Alkylation of α -Ketoesters via C-N Bond Cleavage of <i>N</i> -Allyl- <i>N</i> -methyl-aniline Derivatives Catalyzed by a Nickel-Diphosphine System. <i>ACS Catalysis</i> , 2020, 10, 5828-5839.	11.2	32
129	Stable titanacyclopentanes: isolation, characterization, and reactions of 5,5-bis(pentamethylcyclopentadienyl)-5-titanaspiro[2.4]heptanes derived from $(\eta^5\text{-C}_5\text{Me}_5)_2\text{Ti}(\text{CH}_2\text{:CH}_2)$ and methylenecyclopropanes. <i>Organometallics</i> , 1985, 4, 1464-1466.	2.3	31
130	Monocyclooctatetraenyl(thiolato)samarium(III) complexes from the reaction of metallic samarium with cyclooctatetraene and diaryl disulfide: crystal structures of $[\text{Sm}(\mu\text{-SPh})(\text{C}_8\text{H}_8)(\text{thf})_2]_2$ and $[\{\text{Sm}[\mu\text{-S}(2,4,6\text{-triisopropylphenyl})(\text{C}_8\text{H}_8)(\text{thf})_2]\}_2]$. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 1847-1848.	2.0	31
131	Substituent Effect on Organotin Tp^* Compounds as the Tp^* Reagent for the Preparation of Mono Tp^* Complexes of Group 4 d^0 Metals ($\text{Tp}^* = \text{Tris}(3,5\text{-dimethylpyrazol-1-yl})\text{hydroborate}$). <i>Bulletin of the Chemical Society of Japan</i> , 2000, 73, 1735-1748.	3.2	31
132	Nonplanar η^2 - and Planar η^2 -Enediamide Coordinations of 1,4-Di(p-methoxyphenyl)-1,4-diaza-1,3-butadiene (=MeOC C_6H_4 -DAD) on Ta(η^5 -C C_5R_5) Fragments (R=H, Me): Crystal Structures of TaCl $_2$ (η^2 -MeOC C_6H_4 -dad)(η^5 -C C_5H_5) and Ta(η^2 -MeOC C_6H_4 -dad)(η^5 -C C_5Me_5)(η^4 -1,3-butadiene). <i>Chemistry Letters</i> , 1997, 26, 767-768.	1.3	30
133	Synthesis and reactions of coordinatively unsaturated 16-electron chalcogenolate complexes, Ru(EAr) $2(\eta^6\text{-arene})$ and cationic binuclear chalcogenolate complexes, $[(\eta^6\text{-arene})\text{Ru}(\eta^4\text{-EPH})_3\text{Ru}(\eta^6\text{-arene})]\text{PF}_6$. <i>Journal of Organometallic Chemistry</i> , 1997, 545-546, 345-356.	1.8	30
134	The First Oxidative Addition of a Hypervalent Compound to Metallic Lanthanoid: Synthesis, Characterization, and Reaction of Samarium(II) Bis(trifluoromethanesulfonate) Derived from Metallic Samarium and 1,5-Dithioniabicyclo[3.3.0]octane Bis(trifluoromethanesulfonate). <i>Journal of Organic Chemistry</i> , 1998, 63, 7114-7116.	3.2	30
135	Linearly Aligned Metal Clusters: Versatile Reactivity and Bonding Nature of Tetrametal Mo_4M Complexes (M = Pt, Pd, Ir, and Rh) Supported by 6-Diphenylphosphino-2-pyridonato Ligand. <i>Bulletin of the Chemical Society of Japan</i> , 2010, 83, 299-312.	3.2	30
136	Highly Reactive Metal-Nitrogen Bond Induced C-H Bond Activation and Azametallacycle Formation. <i>Organometallics</i> , 2010, 29, 34-37.	2.3	30
137	REGIOSELECTIVE ADDITION OF CARBONYL COMPOUNDS TO ISOPRENE COORDINATED TO Zr. <i>Chemistry Letters</i> , 1981, 10, 671-674.	1.3	29
138	X-Ray evidence for a mononuclear s-trans- η^4 -1,3-diene complex; molecular structure of Zr(η^5 -C C_5H_5) $_2$ (s-trans-PhCH $\text{C}(\text{H})=\text{CH}(\text{CHPh})$). <i>Journal of the Chemical Society Chemical Communications</i> , 1982, , 191-192.	2.0	29
139	STRUCTURES OF MONO- AND BIS(2-BUTENYL)ZIRCONIUM COMPLEXES IN SOLUTION AND THREE SELECTIVE INSERTION REACTION OF ALIPHATIC ALDEHYDES. <i>Chemistry Letters</i> , 1983, 12, 219-222.	1.3	29
140	Preparation and Structural Characterization of Cationic Dinuclear Ruthenium(II) η^2 Thiolate Complexes, $[\text{Ru}_2(\text{SPh})_3(\eta^6\text{-p-cymene})_2]\text{Y}$ (Y = Cl and PF $_6$). <i>Chemistry Letters</i> , 1992, 21, 1795-1798.	1.3	29
141	Diene complex of lanthanum: the crystal structure of a diene-bridged dilanthanum complex, $[\text{La}_2(\text{thf})_3(\mu\text{-}\eta^4\text{-}\eta^4\text{-PhCH}(\text{C}(\text{H})=\text{CH}(\text{chph}))\text{La})_2(\text{thf})_3]$. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1581-1582.	2.0	29
142	Metal-Free Deoxygenation and Reductive Disilylation of Nitroarenes by Organosilicon Reducing Reagents. <i>Chemistry - A European Journal</i> , 2018, 24, 11278-11282.	3.3	29
143	Dinuclear manganese alkoxide complexes as catalysts for C-N bond cleavage of simple tertiary <i>N,N</i> -dialkylamides to give esters. <i>Chemical Science</i> , 2019, 10, 2860-2868.	7.4	29
144	Agostic interaction in early transition metal alkyls and their role in catalytic activity for olefin polymerizations. <i>Journal of Organometallic Chemistry</i> , 1992, 428, 49-58.	1.8	28

#	ARTICLE	IF	CITATIONS
145	Isolation and Reactions of a Tantalum η^5 -Imine Complex TaCl ₃ (dme)(PhCHNCH ₂ Ph). <i>Organometallics</i> , 1998, 17, 5128-5132.	2.3	28
146	Intramolecular Coupling Reaction of 1-Aza-1,3-butadiene Ligand and Iminoacyl Ligand Giving Amido η^5 -Imido Complexes of Tantalum. <i>Organometallics</i> , 2002, 21, 138-143.	2.3	28
147	Asymmetric Transfer Hydrogenation of Aryl Ketones Catalyzed by Salt-Free Two Samarium Centers Supported by a Chiral Multidentate Alkoxy Ligand. <i>Organic Letters</i> , 2004, 6, 4695-4697.	4.6	28
148	Asymmetric hydrogenation of quinazolinium salts catalysed by halide-bridged dinuclear iridium complexes bearing chiral diphosphine ligands. <i>Chemical Communications</i> , 2015, 51, 4380-4382.	4.1	28
149	<i>E</i> -Selective Semi-hydrogenation of Alkynes with Dinuclear Iridium Complexes under Atmospheric Pressure of Hydrogen. <i>Chemistry Letters</i> , 2016, 45, 866-868.	1.3	28
150	Benzylation of η^5 -Diimine Ligands Bound to Zirconium and Hafnium. A New Convenient Route to Olefin Polymerization Catalysts. <i>Chemistry Letters</i> , 2007, 36, 1420-1421.	1.3	27
151	Rational Synthesis of Supramolecular Assemblies Based on Tetraplatinum Units: Synthesis, Characterization, and Selective Substitution Reactions of Four Different Pt ₄ Clusters. <i>Chemistry - A European Journal</i> , 2011, 17, 3693-3709.	3.3	27
152	Reduction of (η^5 -BuN η^5)-NbCl ₃ (py) ₂ in a Salt-Free Manner for Generating Nb(IV) Dinuclear Complexes and Their Reactivity toward Benzo[<i>c</i>]cinnoline. <i>Inorganic Chemistry</i> , 2015, 54, 6004-6009.	4.0	27
153	Synthesis and Characterization of Paramagnetic Tungsten Imido Complexes Bearing η^5 -Diimine Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 1446-1452.	4.0	27
154	Zinc η^5 -Catalyzed Esterification of <i>N</i> - η^5 -Hydroxyethylamides: Removal of Directing Groups under Mild Conditions. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5010-5014.	2.4	27
155	¹ H-NMR EVIDENCE FOR η^4 -DIENE COORDINATION STRUCTURE OF ZrCp ₂ (C ₄ H ₆) AND HAFNACYCLO-3-PENTENE STRUCTURE OF HfCp ₂ (C ₄ H ₆) IN SOLUTION. <i>Chemistry Letters</i> , 1981, 10, 519-522.	1.3	26
156	REGIOSELECTIVE CARBON η^5 -CARBON BOND FORMATION BY REACTION OF Zr-ISOPRENE COMPLEX WITH ALKENES, ALKYNES AND ALKADIENES. <i>Chemistry Letters</i> , 1981, 10, 719-722.	1.3	25
157	(η^5 -1-Acyl)titanium complexes prepared by the carbonylation of 1-oxa-5-titanacyclopentanes. <i>Organometallics</i> , 1991, 10, 2731-2736.	2.3	25
158	Tantalum η^5 -Benzylidene Complexes Supported by C ₅ Me ₅ and Diazadiene Ligands: Synthesis, Kinetic Analysis of the Formation, and Reactive Studies. <i>Organometallics</i> , 2009, 28, 1950-1960.	2.3	25
159	Synthesis of Rare-Earth-Metal Iminopyrrolyl Complexes from Alkyl Precursors: Ln η^5 -Al N-Ancillary Ligand Transfer. <i>Organometallics</i> , 2013, 32, 1199-1208.	2.3	25
160	Cerium η^5 -Complex η^5 -Catalyzed Oxidation of Arylmethanols under Atmospheric Pressure of Dioxygen and Its Mechanism through a Side η^5 -On η^4 -Peroxo Dicerium(IV) Complex. <i>Chemistry - A European Journal</i> , 2016, 22, 4008-4014.	3.3	25
161	Functionalization of the C η^5 -H Bond of N η^5 -Heteroaromatics Assisted by Early Transition η^5 -Metal Complexes. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1256-1269.	2.7	25
162	A New Protocol to Generate Catalytically Active Species of Group η^5 -6 Metals by Organosilicon η^5 -Based Salt η^5 -Free Reductants. <i>Chemistry - A European Journal</i> , 2019, 25, 913-919.	3.3	25

#	ARTICLE	IF	CITATIONS
163	Tp*Sn(Cl)Bu ₂ as a Convenient Reagent for the Preparation of Hydrotris(3,5-dimethylpyrazolyl)borate Complexes of Niobium, Tantalum, and Zirconium. <i>Organometallics</i> , 1997, 16, 2760-2762.	2.3	24
164	Construction of Metal-Centered Chirality: Diastereoselective Addition of the Meerwein Reagent (Me ₃ OBf ₄) to Rhodium Carbonyl Complexes Having the Cp*P Ligand. <i>Organometallics</i> , 2004, 23, 2095-2099.	2.3	24
165	Synthesis, Structure, and Reactivity of Tantalum and Tungsten Homoenate Complexes. <i>Organometallics</i> , 2006, 25, 3179-3189.	2.3	24
166	Tetraplatinum precursors for supramolecular assemblies: syntheses, crystal structures, and stereoselective self-assemblies of [Pt ₄ (μ ₄ -OCOCH ₃) ₆ (μ ₄ -N ₄ -DARBP)] (DARBP =) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 617 Td 1,3-bis(ar</i>	4.0	23
167	In Situ Catalyst Generation and Benchtop-Compatible Entry Points for Ti ^{IV} /Ti ^{IV} Redox Catalytic Reactions. <i>Organometallics</i> , 2018, 37, 4439-4445.	2.3	24
168	Synthesis and characterization of cationic pyridine-2-thiolate complexes of lanthanoid(III): crystal structures of pentagonal bipyramidal [Ln(SC ₅ H ₄ N) ₂ (hmpa) ₃] ⁺ (Ln = Sm, Yb; hmpa =) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537 Td (hexa</i>	1.8	23
169	Dinuclear Pd(II)-Pd(II) and Pt(II)-Pt(II) Complexes Supported by Tridentate Pyphos Ligands (Pyphos =) <i>Tj ETQq1 1 0.784314 rgBT /C</i>	4.0	23
170	Linear Trinuclear Pt ₂ -Mo ₂ Complexes [Mo ₂ Pt ₂ (pyphos) ₂ (O ₂ CR) ₂] ₂ (X = Cl, Br, I; R = CH ₃ , C(CH ₃) ₃); <i>Tj ETQq0 0 0 rgBT /Overl</i> Mo ₂ Moiety and the Platinum Atom. <i>Inorganic Chemistry</i> , 1996, 35, 4007-4012.	4.0	23
171	1,8-Diphenylocta-1,3,5,7-tetraene Complexes of Ruthenium(II): Crystal Structures of [μ ₄ -(s-cis-1,2,3,4- <i>l</i> :s-cis-5,6,7,8- <i>l</i> -PhCHCHCHCHCHCHCHPh)(RuClCp*) ₂] and [μ ₄ -(s-trans-1,2,3,4- <i>l</i> :s-trans-5,6,7,8- <i>l</i> -PhCHCHCHCHCHCHCHPh){Ru(acac) ₂] ₂ . <i>Organometallics</i> , 1998, 17, 410-414.	2.3	23
172	Titanium Complexes of Silicon-Bridged Cyclopentadienyl-Phenoxy Ligands Modified with Fused-Thiophene: Synthesis, Characterization, and Their Catalytic Performance in Copolymerization of Ethylene and 1-Hexene. <i>Organometallics</i> , 2009, 28, 6915-6926.	2.3	23
173	Synthesis of new fischer-type carbene complexes: characterization and reactions of titanoxycarbene-metal complexes derived from (μ ₅ -C ₅ Me ₅) ₂ Ti(C ₂ H ₄) and metal carbonyls. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 1145-1146.	2.0	22
174	Regio- and stereochemistry in the sequential insertion of carbonyl compounds into zirconium-diene complexes. <i>Journal of Organometallic Chemistry</i> , 1989, 363, 61-76.	1.8	22
175	Large Third-Order Nonlinear Optical Susceptibilities of Multiply-Bonded M ₂ (pyphos) ₄ and M ₂ Pd ₂ Cl ₂ (pyphos) ₄ (M = Cr, Mo; Pyphos = 6-Diphenylphosphino-2-pyridonate) by Picosecond Degenerate Four-Wave Mixing Method. <i>Chemistry Letters</i> , 1997, 26, 411-412.	1.3	22
176	Surface Structures, Photovoltages, and Stability of n-Si(111) Electrodes Surface Modified with Metal Nanodots and Various Organic Groups. <i>Langmuir</i> , 2005, 21, 8832-8838.	3.5	22
177	Linear Metal-Metal Bonded Tetranuclear M ₄ Complexes (M = Ir and Rh): Oxidative Metal-Metal Bond Formation in a Tetrametallic System and 1,4-Addition Reaction of Alkyl Halides. <i>Inorganic Chemistry</i> , 2007, 46, 6702-6714.	4.0	22
178	Formation of a Dative Bond Between Pt ⁰ and Moll in Linear Pt ⁰ -Moll-Pt ⁰ Complexes, Moll ₂ Pt ₂ (pyphos) ₄ (PR ₃) ₂ , and Unique 1,4-Oxidative Addition Reaction of Diaryl Disulfides Giving Moll ₂ Pt ₂ (pyphos) ₄ (SAR) ₂ (pyphos = 6-Diphenylphosphanyl-2-pyridonato). <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 235-238.	2.0	22
179	Organomagnesium-Catalyzed Isomerization of Terminal Alkynes to Allenes and Internal Alkynes. <i>Chemistry - A European Journal</i> , 2015, 21, 8112-8120.	3.3	22
180	Mixed-ligand complexes of paddlewheel dinuclear molybdenum as hydrodehalogenation catalysts for polyhaloalkanes. <i>Chemical Science</i> , 2015, 6, 3434-3439.	7.4	22

#	ARTICLE	IF	CITATIONS
181	Polymerization of ethylene catalyzed by half-metallocene complexes of niobium, tantalum, and zirconium bearing <i>o</i> -xylylene or anthracene as an auxiliary ligand: molecular structure of [Mg ₂ Cl ₃ (THF) ₆][ZrCl ₂ (<i>i</i> -5-C ₅ Me ₅)(<i>i</i> -1- η^4 -anthracene)]. <i>Journal of Organometallic Chemistry</i> , 1998, 566, 111-116.	1.8	21
182	C(sp ³) \rightarrow H Alkenylation Catalyzed by Cationic Alkylhafnium Complexes: Stereoselective Synthesis of Trisubstituted Alkenes from 2,6-Dimethylpyridines and Internal Alkynes. <i>Organometallics</i> , 2016, 35, 3816-3827.	2.3	21
183	Dehalogenation of vicinal dihalo compounds by 1,1- η^2 -bis(trimethylsilyl)-1,4- η^2 -bipyridinylidene for giving alkenes and alkynes in a salt-free manner. <i>Chemical Communications</i> , 2017, 53, 13157-13160.	4.1	21
184	Asymmetric Hydrogenation of Aryl Perfluoroalkyl Ketones Catalyzed by Rhodium(III) Monohydride Complexes Bearing Josiphos Ligands. <i>Chemistry - A European Journal</i> , 2019, 25, 10818-10822.	3.3	21
185	Half-sandwich complexes of niobium and tantalum bearing <i>o</i> -xylylene, anthracene, or cyclooctatetraene: crystal structures of (<i>i</i> -5-C ₅ Me ₅)Nb{o-(CH ₂) ₂ C ₆ H ₄ }Cl ₂ , (<i>i</i> -5-C ₅ Me ₅)Ta(<i>i</i> -4-anthracene)(CH ₂ Ph) ₂ , and (<i>i</i> -5-C ₅ Me ₅)Nb(<i>i</i> -4-butadiene)(<i>i</i> -3-cyclooctatetraene). <i>Journal of Organometallic Chemistry</i> , 1998, 557, 3-12.	1.8	20
186	Synthesis and characterization of titanium alkyl, oxo, and diene complexes bearing a SiMe ₂ -bridged phenoxy-cyclopentadienyl ligand and their catalytic performance for copolymerization of ethylene and 1-hexene. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 4717-4724.	1.8	20
187	Synthesis and Characterization of Proximal Dinuclear Complexes of Palladium Supported by 2,6-Bis(arylimino)phenoxy (aryl = 2,6-diisopropylphenyl and 2,4,6-tri- <i>tert</i> -butylphenyl) and 3,6-Bis(imino(2,6-diisopropylphenyl))pyridazine Ligands. <i>Organometallics</i> , 2009, 28, 3256-3263.	2.3	20
188	2,2- η^2 -Bipyridyl formation from 2-arylpyridines through bimetallic diyttrium intermediate. <i>Chemical Science</i> , 2015, 6, 5394-5399.	7.4	20
189	Alkyne-Induced Facile C \rightarrow C Bond Formation of Two η^2 -Alkynes on Dinuclear Tantalum Bis(alkyne) Complexes To Give Dinuclear Tantalacyclopentadienes. <i>Organometallics</i> , 2016, 35, 1573-1581.	2.3	20
190	Studies of the Electronic Effects of Zinc Cluster Catalysts and Their Application to the Transesterification of β -Keto Esters. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1548-1554.	3.3	20
191	Mixed Ligated Tris(amidinate)dimolybdenum Complexes as Catalysts for Radical Addition of CCl ₄ to 1-Hexene: Leaving Ligand Lability Controls Catalyst Activity. <i>Inorganic Chemistry</i> , 2017, 56, 634-644.	4.0	20
192	Synthesis and characterization of 2-[di(cyclopentadienyl)zircona]-1-oxacyclopentanes. X-Ray crystal structure of [(<i>i</i> -5-C ₅ H ₅) ₂ ZrOCH ₂ CH ₂ CHMe] ₂ . <i>Journal of the Chemical Society Chemical Communications</i> , 1983, , 1283-1284.	2.0	19
193	Reaction of [cyclic](<i>eta</i> -5-C ₅ Me ₅) ₂ TiOC[:Re(CO) ₄ Re(CO) ₅]CH ₂ CH ₂ with <i>tert</i> -butyl isocyanide: molecular structure of a new zwitterionic complex involving (<i>eta</i> -2-imido)ytitanium and acyldirhenium carbonyl moieties. <i>Organometallics</i> , 1987, 6, 885-887.	2.3	19
194	Synthesis and characterization of cationic trinuclear BINAP \rightarrow Ru(II) complexes: crystal structure of [Ru ₃ Cl ₅ ((S)-binap) ₃]BF ₄ . <i>Tetrahedron Letters</i> , 1991, 32, 3101-3104.	1.4	19
195	Oxidative Reactions of Tetrametal Pd(0)-Mo(II)-Mo(II)-Pd(0) Clusters: Electrochemical Communication of Two Pd(0) Centers through the Mo ₂ Moiety and Oxidative Formation of a Pd(II)-Mo(II)-Mo(II)-Pd(II) Array. <i>Inorganic Chemistry</i> , 2009, 48, 1879-1886.	4.0	19
196	Cationic monocyclooctatetraenyl-lanthanoid complexes derived from metallic lanthanoid: crystal structures of [Sm(<i>i</i> -8- η^8 -C ₈ H ₈)(hmpa) ₃] ⁺ and [Sm(<i>i</i> -8- η^8 -C ₈ H ₈)(hmpa) ₃][Sm(<i>i</i> -8- η^8 -C ₈ H ₈) ₂] (HMPA =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		
197	Diene complexes of early transition metals: ideas and progresses at Osaka University. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 4552-4563.	1.8	18
198	First isolation of fully delocalized mixed-valent imido-bridged [Ti ₂] ⁷⁺ complexes by one-electron reduction of [(C ₅ R ₅) ₂ TiCl] ₂ (<i>i</i> -4-NAr) ₂ . <i>Chemical Communications</i> , 2011, 47, 5620-5622.	4.1	18

#	ARTICLE	IF	CITATIONS
199	Diene Dissolution of the Heavier Alkaline Earth Metals. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 998-1003.	2.0	18
200	Self-Assembled Multilayer Iron(0) Nanoparticle Catalyst for Ligand-Free Carbon-Carbon/Nitrogen Bond-Forming Reactions. <i>Organic Letters</i> , 2020, 22, 7244-7249.	4.6	18
201	Synthesis of new chiral bis(triarylphosphine) ligands based on asymmetric hydrogenation of 4,5-diaryl-2-oxocyclopentanecarboxylates. <i>Tetrahedron Letters</i> , 1990, 31, 7185-7188.	1.4	17
202	Mononuclear η^8 -cyclooctatetraenyl(thiolato)samarium(III) complexes (η^8 -C ₈ H ₈)Sm(SR)(hmpa) ₂ (R=2,4,6-triisopropylphenyl and 2-pyridyl; HMPA=hexamethylphosphoric triamide) derived from metallic samarium, diaryl disulfide, and 1,3,5,7-cyclooctatetraene in the presence of HMPA. <i>Journal of Organometallic Chemistry</i> , 1998, 559, 197-201.	1.8	17
203	Synthesis, Characterization, and Reactions of a Half-Metallocene Benzylidene Complex of Tantalum Bearing 2,3-Dimethyl-1,3-butadiene and Pentamethylcyclopentadienyl Ligands. <i>Organometallics</i> , 2003, 22, 3766-3772.	2.3	17
204	Preferential Geometry and Reactivity of Neutral Iridium(III) and Rhodium(III) Complexes Bearing a Flexible Heterochelate PN Ligand (PN = o-Ph ₂ PC ₆ H ₄ CH ₂ OCH ₂ C ₅ H ₄ N-2). <i>Organometallics</i> , 2007, 26, 110-118.	2.3	17
205	Interaction of Ferrocene Moieties Across a Square Pt ₄ Unit: Synthesis, Characterization, and Electrochemical Properties of Carboxylate-Bridged Bimetallic Pt ₄ Fe _n (<i>n</i> = 2, 3, and 4) Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 11384-11393.	4.0	17
206	Reaction of [η^1 : η^5 -(Me ₂ NCH ₂ CH ₂)C ₂ B ₉ H ₁₀]TaMe ₃ with aryl isocyanides: tantalacarbaborane-mediated facile cleavage of C-N multiple bonds. <i>Chemical Communications</i> , 2013, 49, 9039.	4.1	17
207	Asymmetric Hydrogenation of β -Amido- α -arylpyridinium Salts by Triply Chloride-Bridged Dinuclear Iridium Complexes Bearing Enantiopure Diphosphine Ligands: Synthesis of Neurokinin-1 Receptor Antagonist Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1929-1933.	4.3	17
208	Synthesis of Pyridylimido Complexes of Tantalum and Niobium by Reductive Cleavage of the N-N Bond of 2,2'-Azopyridine: Precursors for Early-Late Heterobimetallic Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 15155-15165.	4.0	17
209	Combined Effect of Bulkiness and NH \cdots S Hydrogen Bonding Controls the Formation of Terminal and Bridging Hydrazine Ruthenium(II) Complexes with Thiolate Ligands. <i>Chemistry Letters</i> , 1997, 26, 569-570.	1.3	16
210	1-Aza-1,3-butadiene complexes of tantalum: preparation and alkylation of TaCl ₂ (η^5 -C ₅ Me ₅)(η^4 -1-aza-1,3-butadiene). <i>Journal of Organometallic Chemistry</i> , 2000, 593-594, 69-76.	1.8	16
211	Theoretical study of Al(III)-catalyzed conversion of glyoxal to glycolic acid: dual activated 1,2-hydride shift mechanism by protonated Al(OH) ₃ species. <i>Chemical Communications</i> , 2009, , 2688.	4.1	16
212	Organosilicon Reducing Reagents for Stereoselective Formations of Silyl Enol Ethers from α -Halo Carbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2018, 83, 2409-2417.	3.2	16
213	16-Electron Half-sandwich Ru(II)-Thiolate Complexes, Ru(SAr) ₂ (η^6 -p-cymene) (Ar = 2,6-dimethylphenyl) <i>TJ ETQq</i> _{1,3} 0.7843 ₁₅ rgBT		
214	A 16 Electron Cyclobutadiene-benzene-1,2-dithiolate Complex of Palladium(II) Bearing A Two-legged Piano-stool Geometry: (η^4 -C ₄ Me ₂ (tBu) ₂)Pd(1,2-S ₂ C ₆ H ₄). <i>Chemistry Letters</i> , 1997, 26, 347-348.	1.3	15
215	Unique complexation by the tridentate ligands, 6-diphenylphosphino-2-pyridonate (pyphos) and 6-diphenylphosphino-2-pyridone (pyphosH), on ruthenium(II): Crystal structures of (pyphosH)RuCl(η^4 -Cl)Mo ₂ Cl(pyphos) ₂ , RuCl ₂ (CO)(pyphosH) ₂ , [Ru(pyphos) ₃](η^4 -Na) ₂ [Ru(pyphos) ₃]. <i>Inorganica Chimica Acta</i> , 1998, 270, 459-466.	2.4	15
216	Theoretical Studies of Multiple Metal-Metal Bonds between Divalent Molybdenum Ions in Dimers, Tetramers, and Clusters. <i>Bulletin of the Chemical Society of Japan</i> , 1998, 71, 99-112.	3.2	15

#	ARTICLE	IF	CITATIONS
217	Reactivity of Permethylated Magnesium Complexes toward $\hat{\text{I}}^2$ -Diimines. <i>Organometallics</i> , 2011, 30, 3818-3825.	2.3	15
218	Dinuclear molybdenum cluster-catalyzed radical addition and polymerization reactions by tuning the redox potential of a quadruple bonded Mo ₂ core. <i>Dalton Transactions</i> , 2011, 40, 9358.	3.3	15
219	Unique stepwise substitution reaction of a mono(guanidinate)tetraplatinum complex with amidines, giving mono(amidinate)tetraplatinum complexes through mixed-ligand intermediate complexes. <i>Dalton Transactions</i> , 2013, 42, 2831-2840.	3.3	15
220	Manganese(II)-Catalyzed Esterification of N- $\hat{\text{I}}^2$ -Hydroxyethyl Amides. <i>Synlett</i> , 2015, 26, 1831-1834.	1.8	15
221	Synthesis and Characterization of Heterobimetallic Tantalum-Rhodium and Tantalum-Iridium Complexes Connected by a Tantalacyclopentadiene Fragment. <i>Helvetica Chimica Acta</i> , 2016, 99, 848-858.	1.6	15
222	Synthesis and Crystal Structure of a Cationic Trinuclear Ruthenium(II) Complex, [Ru ₃ ($\hat{\text{I}}^{1/2}$ -Cl) ₃ ($\hat{\text{I}}^{1/3}$ -Cl) ₂ {1,2-bis(diphenylphosphino)benzene} ₃]PF ₆ . <i>Inorganic Chemistry</i> , 1997, 36, 2908-2912.	4.0	14
223	Solvent-Dependent cis/trans Isomerism at the Paddlewheel Mo ₂ Core of Linear Tetranuclear Clusters of MoII and CuI Supported by 6-(Diphenylphosphanyl)pyridin-2-olate (pyphos). <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 5668-5674.	2.0	14
224	Synthesis and Reaction of Neutral and Cationic Alkyltantalum Complexes with a Linked Cyclopentadienyl-Carboranyl Ligand. <i>Organometallics</i> , 2011, 30, 5960-5964.	2.3	14
225	Synthesis of Alkyl and Alkylidene Complexes of Tungsten Bearing Imido and Redox-Active $\hat{\text{I}}^{\pm}$ -Diimine or $\hat{\text{I}}^{\pm}$ -Iminoquinone Ligands and Their Application as Catalysts for Ring-Opening Metathesis Polymerization of Norbornene. <i>Organometallics</i> , 2015, 34, 731-741.	2.3	14
226	Planar and Bent BN-Embedded $\hat{\text{I}}^{\pm}$ -Quinodimethanes Synthesized by Transmetalation of Bis(trimethylsilyl)-1,4-dihydropyrazines with Chloroborane. <i>Organometallics</i> , 2018, 37, 1833-1836.	2.3	14
227	Synthesis and Reactions of Titanoxycarbene-Metal Carbonyl Complexes. <i>Bulletin of the Chemical Society of Japan</i> , 1991, 64, 2065-2076.	3.2	13
228	Bulky aryloxo complexes of tungsten and niobium as catalyst precursors for high polymerization of alk-1-yne. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 1496.	2.0	13
229	Lanthanoid Complexes of Azobenzene and Benzo[c]cinnoline Derived from Metallic Lanthanoids: Crystal Structures of Binuclear [SmI(thf) ₃ ($\hat{\text{I}}^{1/4}$ - $\hat{\text{I}}^{1/2}$ -trans-PhNNPh)SmI(thf) ₃] and Mononuclear [Yb(benzo[c]cinnoline) ₃ (thf) ₂]. <i>Chemistry Letters</i> , 1997, 26, 803-804.	1.3	13
230	Dialkylchromium complexes bearing a hydrotris(3,5-dimethylpyrazolyl)borate ligand: synthesis and		

#	ARTICLE	IF	CITATIONS
235	Chromium-catalyzed cyclopropanation of alkenes with bromoform in the presence of 2,3,5,6-tetramethyl-1,4-bis(trimethylsilyl)-1,4-dihydropyrazine. <i>Chemical Science</i> , 2020, 11, 3604-3609.	7.4	13
236	Preparation, characterization and thermal reactions of 1-oxa-2-zirconacyclopentanes and 1-oxa-2-zirconacyclohexane: crystal structures of $[\{Zr(C_5H_5)_2(OCH_2CH_2CHMe)_2\}]_2$ and $[Zr(C_5Me_5)_2\{OCH_2(CH_2)_2CH_2\}]$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 2851.	1.1	12
237	Novel synthesis of lanthanoid complexes starting from metallic lanthanoid sources. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 3899-3907.	1.1	12
238	Triply Halide-Bridged Dinuclear Iridium(III) Complexes with Chiral Diphosphine Ligands as New Easy-Handle Iridium Catalysts for Asymmetric Hydrogenation of Imines and Heteroaromatics. <i>Chemical Record</i> , 2016, 16, 2585-2598.	5.8	12
239	Group 2 metal (Mg, Ca, Sr) silylamides supported by a cyclen-derived macrocyclic polyamine. <i>Dalton Transactions</i> , 2017, 46, 8451-8457.	3.3	12
240	Propargylic C(sp ³)-H Bond Activation for Preparing $\hat{\nu}$ -Propargyl/Allenyl Complexes of Yttrium. <i>Organometallics</i> , 2017, 36, 3061-3067.	2.3	12
241	Metathesis cleavage of an Ni-N bond in benzo[c]cinnolines and azobenzenes by triply-bonded ditungsten complexes. <i>Chemical Communications</i> , 2018, 54, 3709-3711.	4.1	12
242	MOLECULAR STRUCTURE OF $[(\eta^5-C_5H_5)_2Zr(CH_2=C(CH_3)=CH-CH_2)-\eta^5-C(CH_3)]$ PREPARED BY REGIOSELECTIVE INSERTION OF 2-BUTYNE TO $Zr(\eta^5-C_5H_5)_2(I\text{SOPRENE})$. <i>Chemistry Letters</i> , 1982, 11, 1979-1982.	1.3	11
243	Synthesis, characterization and reactions of ethylene complexes bearing Ta($\eta^5-C_5R_5$)(η^4 -buta-1,3-diene) fragments (R = H, Me). <i>Journal of Organometallic Chemistry</i> , 1995, 502, 19-23.	1.8	11
244	Unique Axial Interaction of a Quadruply-Bonded Cr(II)-Cr(II) with Two Pt(II) Atoms in the Linearly Aligned Pt-Cr-Cr-Pt Supported by Four 6-Diphenylphosphino-2-pyridonate Ligands. <i>Bulletin of the Chemical Society of Japan</i> , 2001, 74, 67-75.	3.2	11
245	Adaptable coordination modes of conjugated 1,3-diene: uniqueness of s-trans coordination. <i>Journal of Organometallic Chemistry</i> , 2002, 663, 5-12.	1.8	11
246	η^5 -Conjugated η^5 -Diphenylpolyene Complexes of RuClCp* Fragment(s) in η^4 -s-cis Conformation. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 5006-5011.	2.0	11
247	Asymmetric Hydrogenation of Six-Membered Monocyclic N-Heteroaromatic Compounds. <i>Heterocycles</i> , 2017, 95, 63.	0.7	11
248	Diagonal Relationship among Organometallic Transition-Metal Complexes. <i>Organometallics</i> , 2021, 40, 3497-3505.	2.3	11
249	Convenient synthesis of pentamethylcyclopentadienyltantalum-diene complexes via the reaction of Cp*...TaCl ₄ with methylated-allyl anions. <i>Journal of Organometallic Chemistry</i> , 1992, 428, C5-C7.	1.8	10
250	Preparation, characterization, and reactions of 16-electron Ta(η^5 -C ₅ Me ₅)(η^3 -1-phenylallyl) ₂ . <i>Journal of Organometallic Chemistry</i> , 1993, 459, 131-138.	1.8	10
251	Novel Ir-SYNPHOS® and Ir-DIFLUORPHOS® Catalysts for Asymmetric Hydrogenation of Quinolines. <i>Synlett</i> , 2007, 2007, 2743-2747.	1.8	10
252	Olefin Polymerization Catalyst Derived by Activation of a Neutral Monoalkyl Titanium Complex with an Aminopyrrole Ligand Using Triisobutylaluminum and Trityl Borate. <i>Chemistry Letters</i> , 2007, 36, 1030-1031.	1.3	10

#	ARTICLE	IF	CITATIONS
253	Isospecific polymerization of 1-hexene by C ₁ -symmetric half-metallocene dimethyl complexes of group 4 metals with bidentate N-substituted iminomethylpyrrolyl ligands. Dalton Transactions, 2013, 42, 9120-9128.	3.3	10
254	Transition-metal clusters as catalysts for chemoselective transesterification of alcohols in the presence of amines. Pure and Applied Chemistry, 2014, 86, 335-343.	1.9	10
255	Reversible Transformation between Alkylidene, Alkylidyne, and Vinylidene Ligands in High-Valent Bis(phenolate) Tungsten Complexes. Organometallics, 2016, 35, 932-935.	2.3	10
256	Rational Preparation and Characterization of Tandem Tetrametal Clusters. Crystal Structure of Tetrakis(6-diphenylphosphino-2-pyridonato)dimolybdenum. Chemistry Letters, 1992, 21, 185-188.	1.3	9
257	Ligand exchange reactions of a 1,3-butadiene complex of magnesium. Journal of Organometallic Chemistry, 1997, 545-546, 549-552.	1.8	9
258	Half-Metallocene 1-Aza-1,3-butadiene Complexes of Tantalum: Auxiliary Ligand Effects on Controlling Coordination Modes of 1-Aza-1,3-butadiene Ligand. Bulletin of the Chemical Society of Japan, 2002, 75, 1291-1297.	3.2	9
259	Arylimido-Bridged Dinuclear Ti(IV)-NAr ₂ -Ti Scaffold for Alkyne Insertion into the <i>ortho</i> -C-H Bond of Arylimido Ligands. Chemistry - A European Journal, 2017, 23, 586-596.	3.3	9
260	Direct Synthesis of Indoles from Azoarenes and Ketones with Bis(neopentylglycolato)diboron Using 4,4'-Bipyridyl as an Organocatalyst. Journal of Organic Chemistry, 2021, 86, 3287-3299.	3.2	9
261	Oxidative Reaction of 1,5-Dithionibicyclo[3.3.0]octane Bis(trifluoromethanesulfonate) with Diene Complexes of Zirconium and Tantalum: Synthesis of Cp ₂ Zr(OTf) ₂ (thf) and Cp(1-1,3-butadiene)Ta(OTf) ₂ . Chemistry Letters, 1997, 26, 793-794.	1.3	8
262	An Infinite Zigzag Chain of Alternating Cl-Pd-Pd-Cl and Mo-Mo Units. Inorganic Chemistry, 2004, 43, 6596-6599.	4.0	8
263	Unique Preferential Conformation and Movement of Ru(acac) ₂ Fragment(s) Coordinated in an <i>is-trans</i> Fashion to All Diene Unit(s) of <i>trans</i> -Diphenylpolyenes. Organometallics, 2005, 24, 3932-3938.	2.3	8
264	Synthesis and Reactions of Ditantalum-Allyl Complexes Derived from Intramolecular C-H Bond Activation of the Methylene of the Ethyl Group Bound to Ditantalacyclopentadiene. Organometallics, 2016, 35, 2384-2390.	2.3	8
265	Hexapalladium cluster: Unique cluster construction reaction of cyclic Pd ₃ (CNC ₆ H ₃ Me _{2-2,6}) ₆ and linear [Pd ₃ (CNC ₆ H ₃ Me _{2-2,6}) ₈] ²⁺ . Journal of Organometallic Chemistry, 2006, 691, 2457-2464.	1.8	7
266	Monohydride-Dichloro Rhodium(III) Complexes with Chiral Diphosphine Ligands as Catalysts for Asymmetric Hydrogenation of Olefinic Substrates. Chemistry - A European Journal, 2020, 26, 8749-8759.	3.3	7
267	Preparation, structure, and reaction of the tricarbonyliron complex of tricyclo[5.3.1.0 ^{4,9}]undeca-2,5-diene, a strongly homo-conjugated nonparallel 1,4-diene. Journal of Organometallic Chemistry, 1991, 419, 181-191.	1.8	6
268	Magnetic effective density functional studies on electronic states of Cr ₂ (pyphos) ₄ and Pt ₂ Cr ₂ (pyphos) ₄ (CH ₃) ₄ . Polyhedron, 2003, 22, 2019-2025.	2.2	6
269	Catalytic and Stoichiometric Reactions by Half-metallocene Diene Complexes of Niobium and Tantalum. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2004, 62, 1166-1171.	0.1	6
270	Rhodium and iridium complexes bearing an alkyloxazoline-substituted indenyl ligand (Indox ligand) and their stereoselective construction of metal-centered chirality. Inorganica Chimica Acta, 2004, 357, 2965-2979.	2.4	6

#	ARTICLE	IF	CITATIONS
271	Ligand Architecture on Stereocontrol of Half-Metallocene Benzylidene Complexes of Tantalum. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 323-328.	4.3	6
272	Silicon-Bridged Tetramethylcyclopentadienyl-Phenoxy Complexes of Tantalum: Preparation and Alkylation of Et ₂ Si(Î-5-C ₅ Me ₄)(3-tBu-5-Me-2-C ₆ H ₂ O)TaCl ₃ and Generation of Its Cationic Complex. <i>Organometallics</i> , 2010, 29, 2080-2084.	2.3	6
273	Tetraplatinum cluster complexes bearing hydrophilic anchors as precursors for Î ³ -Al ₂ O ₃ -supported platinum nanoparticles. <i>Dalton Transactions</i> , 2013, 42, 12662.	3.3	6
274	Tantallacyclopentadiene as a unique metal-containing diene ligand coordinated to nickel for preparing tantalum-nickel heterobimetallic complexes. <i>Dalton Transactions</i> , 2017, 46, 13043-13054.	3.3	6
275	Deprotonation of a formate ligand by a cis-coordinated carbyne ligand within a bis(phenolate) tungsten complex. <i>Dalton Transactions</i> , 2018, 47, 13328-13331.	3.3	6
276	Syntheses of SGLT2 Inhibitors by Ni- and Pd-Catalyzed Fukuyama Coupling Reactions. <i>Journal of Organic Chemistry</i> , 2020, 85, 12382-12392.	3.2	6
277	Esterification of Tertiary Amides: Remarkable Additive Effects of Potassium Alkoxides for Generating Hetero Manganese-Potassium Dinuclear Active Species. <i>Chemistry - A European Journal</i> , 2020, 26, 10735-10742.	3.3	6
278	Aerobic oxygenation of Î±-methylene ketones under visible-light catalysed by a CeNi ₃ complex with a macrocyclic tris(salen)-ligand. <i>Chemical Communications</i> , 2021, 57, 11169-11172.	4.1	6
279	N-Methylation of Aniline Derivatives with CO ₂ and Phenylsilane Catalyzed by Lanthanum Hydridotriarylborate Complexes bearing a Nitrogen Tridentate Ligand. <i>ACS Catalysis</i> , 2022, 12, 8220-8228.	11.2	6
280	Synthesis and reaction of (Î-5-pentamethylcyclopentadienyl)-bis(allyl)tantalum(III) complexes; crystal structure of Ta(Î-5-C ₅ Me ₅)-(Î-3-1-phenylallyl) ₂ . <i>Journal of Organometallic Chemistry</i> , 1993, 455, C6-C8.	1.8	5
281	A Simple, General, and Highly Chemoselective Acetylation of Alcohols Using Ethyl Acetate as the Acetyl Donor Catalyzed by a Tetranuclear Zinc Cluster. <i>Synlett</i> , 2009, 2009, 1659-1663.	1.8	5
282	Platinum-Catalyzed Direct Amination of Allylic Alcohols. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2012, 70, 1145-1156.	0.1	5
283	Synthesis of Ir[Î ^{1/2} -(N-N)]M (M = Ir and Ru) Homo- and Heterobimetallic Complexes through a Condensation Reaction of N-Amino and Formyl Groups Bound to Mononuclear (Î-n-C _n Men)M Units (n = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12). <i>Journal of Organometallic Chemistry</i> , 2010, 818, 107-114.	2.0	5
284	C-H Metalation Reaction of Diarylamine and Carbazole by Alkylaluminum Complexes at the Heteroatom-Bridged Dimeric Aluminum Core. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3821-3825.	2.0	5
285	Î±-Diimine-Niobium Complex-Catalyzed Deoxychlorination of Benzyl Ethers with Silicon Tetrachloride. <i>Inorganic Chemistry</i> , 2019, 58, 12825-12831.	4.0	5
286	C ₂ -C ₂ Bond Fission of Metallacyclopentadiene over a Low-Valent Ditantalum Scaffold. <i>Organometallics</i> , 2019, 38, 722-729.	2.3	5
287	Cobalt-Catalyzed E-Selective Cross-Dimerization of Terminal Alkynes: A Mechanism Involving Cobalt(0/II) Redox Cycles. <i>Angewandte Chemie</i> , 2020, 132, 1568-1572.	2.0	5
288	Direct Enantioselective Alkynylation of Î±-Ketoesters and Î±-Ketiminoesters Catalyzed by [bis(Oxazoline)phenyl]rhodium(III) Complexes. <i>Heterocycles</i> , 2017, 95, 637.	0.7	5

#	ARTICLE	IF	CITATIONS
289	Olefin Metathesis Catalysts Generated In Situ from Molybdenum(VI) Oxo Complexes by Tuning Pendant Ligands. <i>Chemistry - A European Journal</i> , 2022, , .	3.3	5
290	Unique ring-methyl deprotonation of 1,4-1,2-dimethyl-3,4-di(tert-butyl)cyclobutadiene complexes of palladium(II) bearing phosphine ligand. <i>Inorganica Chimica Acta</i> , 2003, 352, 105-109.	2.4	4
291	Modification of then-Si(111) Surface with Alkyl Chains Having the Terminal C=C Double Bond. <i>Chemistry Letters</i> , 2006, 35, 956-957.	1.3	4
292	Synthesis and Characterization of Alkoxide-Bridged Heterometallic Clusters of Cerium and Copper. <i>Inorganic Chemistry</i> , 2019, 58, 12565-12572.	4.0	4
293	Effects of Silver Carbonate and <i>p</i> -Nitrobenzoic Acid for Accelerating Palladium-Catalyzed Allylic C-H Acyloxylation. <i>Organic Letters</i> , 2021, 23, 7044-7048.	4.6	4
294	Activation of E-H (E=hetero atom) and C-H Bonds by Iridium Complexes and Their Application to Homogeneous Catalysis.. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 1999, 57, 656-666.	0.1	3
295	Surface Modification of n-Si(111) Electrodes with Brominated and Sulfonylated Alkyl Chains and Their Photoelectrochemical Characteristics. <i>Chemistry Letters</i> , 2006, 35, 1360-1361.	1.3	3
296	Transesterification of α -Amino Esters Catalyzed by a Tetranuclear Zinc Cluster: Zn ₄ (OCOCF ₃) ₆ O. <i>Synlett</i> , 2012, 2012, 137-141.	1.8	3
297	Development of Environmentally Benign Catalytic Reactions Using Tetranuclear Zinc Clusters. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2009, 67, 494-506.	0.1	3
298	Development of Direct Enantioselective Alkynylation of α -Ketoester and α -Ketimoesters Catalyzed by Phenylbis(oxazoline)Rh(III) Complexes. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2018, 76, 226-240.	0.1	3
299	Heterometallacycles: Metallacycles Including Metal-heteroatom Bonds in Their Ring System.. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 1998, 56, 171-181.	0.1	2
300	Oxidative Addition of a Hypervalent Transannular Sulfur-Sulfur Bond to a Pd(0) Complex: Synthesis and Crystal Structures of 1,5-Dithiacyclooctanepalladium(II) Bis(trifluoromethanesulfonate) Having Phosphine Ligands. <i>Bulletin of the Chemical Society of Japan</i> , 1998, 71, 2859-2864.	3.2	2
301	Synthesis, structure and DFT calculation of a hexanuclear mixed-valence copper cluster supported by 2,3-disulfidobenzoate and 3-carboxybenzene-1,2-bis(thiolate). <i>Inorganica Chimica Acta</i> , 2011, 373, 68-72.	2.4	2
302	Runge-Kutta analysis for optimizing the Zn-catalyzed transesterification conditions of MA and MMA with diols to maximize monoesterified products. <i>Catalysis Science and Technology</i> , 2021, 11, 6975-6986.	4.1	2
303	Diarylcuprates for Selective Syntheses of Multifunctionalized Ketones from Thioesters under Mild Conditions. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	2
304	Racemic structures of organic ammonium salts of N-acetyl-DL-norleucine and optical resolution by preferential crystallization of the DL-ammonium salt.. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , 1986, 1986, 177-185.	0.1	1
305	A topological isomer of ferrocene: Theoretical approach for transition metal complexes with conjugated all trans cyclodecapentaene. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 4373-4375.	1.8	1
306	Chapter IV.2 New Chiral Rh(I) and Ru(II) Complexes: Highly Efficient Catalysts for Homogeneous Asymmetric Hydrogenation. <i>Studies in Surface Science and Catalysis</i> , 1990, , 322-339.	1.5	0

#	ARTICLE	IF	CITATIONS
307	Synthesis and Reactions of Diene Complexes of Group 2-5 Metals.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1994, 52, 1053-1062.	0.1	0
308	Front Cover: Zinc-Catalyzed Esterification of N- ¹ -Hydroxyethylamides: Removal of Directing Groups under Mild Conditions (Eur. J. Org. Chem. 34/2017). European Journal of Organic Chemistry, 2017, 2017, 4995-4995.	2.4	0
309	Esterification of Tertiary Amides: Remarkable Additive Effects of Potassium Alkoxides for Generating Hetero Manganese-Potassium Dinuclear Active Species. Chemistry - A European Journal, 2020, 26, 10647-10647.	3.3	0
310	Synthesis, Structure, and Reactivity of Dicationic Bimetallic Tetrabenzylidihafnium Complexes Bearing a Chelating (2-Hydroxyethyl)amido Ligand. Organometallics, 2020, 39, 614-622.	2.3	0
311	Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2015, 53, 873-873.	0.1	0