

Hayato Tsurugi

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129
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38
h-index

62
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164
ext. papers

5,131
ext. citations

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#	Paper	IF	Citations
129	Fluorescent naphthyl- and anthrylazoles from the catalytic coupling of phenylazoles with internal alkynes through the cleavage of multiple C-H bonds. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4019-22	16.4	375
128	Regioselective C-H functionalization directed by a removable carboxyl group: palladium-catalyzed vinylation at the unusual position of indole and related heteroaromatic rings. <i>Organic Letters</i> , 2008 , 10, 1159-62	6.2	308
127	Palladium-catalyzed perarylation of 3-thiophene- and 3-furancarboxylic acids accompanied by C-H bond cleavage and decarboxylation. <i>Organic Letters</i> , 2008 , 10, 1851-4	6.2	181
126	Copper-mediated direct arylation of benzoazoles with aryl iodides. <i>Tetrahedron Letters</i> , 2008 , 49, 1598-1600		136
125	Fluorescent Naphthyl- and Anthrylazoles from the Catalytic Coupling of Phenylazoles with Internal Alkynes through the Cleavage of Multiple C-H Bonds. <i>Angewandte Chemie</i> , 2008 , 120, 4083-4086	3.6	136
124	Rhodium-catalyzed oxidative coupling of triarylmethanols with internal alkynes via successive C-H and C-C bond cleavages. <i>Journal of Organic Chemistry</i> , 2008 , 73, 298-300	4.2	126
123	Rhodium-catalyzed oxidative coupling between salicylaldehydes and internal alkynes with C-H bond cleavage to produce 2,3-disubstituted chromones. <i>Chemistry - an Asian Journal</i> , 2008 , 3, 881-6	4.5	102
122	New tantalum ligand-free catalyst system for highly selective trimerization of ethylene affording 1-hexene: new evidence of a metallocycle mechanism. <i>Journal of the American Chemical Society</i> , 2009 , 131, 5370-1	16.4	96
121	Copper-mediated direct cross-coupling of 1,3,4-oxadiazoles and oxazoles with terminal alkynes. <i>Chemistry - A European Journal</i> , 2010 , 16, 1772-5	4.8	96
120	Neutral versus cationic Group 3 metal alkyl catalysts: performance in intramolecular hydroamination/cyclisation. <i>Dalton Transactions</i> , 2006 , 1157-61	4.3	94
119	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, 5161-70	16.4	93
118	Hemilabile N-xylyl-N-methylperimidine carbene iridium complexes as catalysts for C-H activation and dehydrogenative silylation: dual role of N-xylyl moiety for ortho-C-H bond activation and reductive bond cleavage. <i>Journal of the American Chemical Society</i> , 2013 , 135, 13149-61	16.4	93
117	End-functionalized polymerization of 2-vinylpyridine through initial C-H bond activation of N-heteroaromatics and internal alkynes by yttrium ene-diamido complexes. <i>Journal of the American Chemical Society</i> , 2011 , 133, 19626-9	16.4	87
116	Carbon radical generation by d ⁰ tantalum complexes with diimine ligands through ligand-centered redox processes. <i>Journal of the American Chemical Society</i> , 2011 , 133, 18673-83	16.4	72
115	Intramolecular Benzoylation of an Imino Group of Tridentate 2,5-Bis(N-aryliminomethyl)pyrrolyl Ligands Bound to Zirconium and Hafnium Gives Amido-Pyrrolyl Complexes That Catalyze Ethylene Polymerization. <i>Organometallics</i> , 2004 , 23, 2797-2805	3.8	70
114	Uniqueness and versatility of iminopyrrolyl ligands for transition metal complexes. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 4414-4423	2.3	70
113	Lanthanide Complexes Supported by a Trizinc Crown Ether as Catalysts for Alternating Copolymerization of Epoxide and CO : Telomerization Controlled by Carboxylate Anions. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 2492-2496	16.4	69

112	Rhodium-catalyzed (E)-selective cross-dimerization of terminal alkynes. <i>Chemical Communications</i> , 2008 , 3405-7	5.8	62
111	Rhodium-catalyzed regioselective arylation of phenylazoles and related compounds with arylboron reagents via C-H bond cleavage. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 2438-2442	2.3	58
110	Direct functionalization of unactivated C-H bonds catalyzed by group 3-5 metal alkyl complexes. <i>Dalton Transactions</i> , 2014 , 43, 2331-43	4.3	57
109	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, 732-5	16.4	52
108	Recent Developments in Homogeneous Organomagnesium Catalysis. <i>ChemCatChem</i> , 2016 , 8, 10-20	5.2	52
107	Salt Metathesis and Direct Reduction Reactions Leading to Group 3 Metal Complexes with a N,N'-Bis(2,6-diisopropylphenyl)-1,4-diaza-1,3-butadiene Ligand and Their Solid-State Structures. <i>Organometallics</i> , 2010 , 29, 2610-2615	3.8	49
106	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, 14437-41	16.4	48
105	Low Temperature Activation of Supported Metathesis Catalysts by Organosilicon Reducing Agents. <i>ACS Central Science</i> , 2016 , 2, 569-76	16.8	47
104	Aminomethylation reaction of ortho-pyridyl C-H bonds catalyzed by group 3 metal triamido complexes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 640-3	16.4	46
103	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	16.4	44
102	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, 5986-9	16.4	44
101	Structural and Electronic Noninnocence of η^2 -Imine 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	16.4	43
100	Regio- and stereoselective cross-coupling of tert-propargyl alcohols with bis(trimethylsilyl)acetylene and its utilization in constructing a fluorescent donor-acceptor system. <i>Organic Letters</i> , 2007 , 9, 2231-3	6.2	43
99	Mechanistic understanding of alkyne cyclootrimerization on mononuclear and dinuclear scaffolds: [4 + 2] cycloaddition of the third alkyne onto metallacyclopentadienes and dimetallacyclopentadienes. <i>Dalton Transactions</i> , 2016 , 45, 17072-17081	4.3	43
98	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	16.4	42
97	Intramolecular Alkylation of η^2 -Imine Ligands Giving Amido η^2 -imino and Diamido Scandium and Yttrium Complexes as Catalysts for Intramolecular Hydroamination/Cyclization. <i>Organometallics</i> , 2010 , 29, 3463-3466	3.8	42
96	Controlled Benzoylation of η^2 -Imine Ligands Bound to Zirconium and Hafnium: An Alternative Method for Preparing Mono- and Bis(amido)M(CH ₂ Ph) _n (n = 2, 3) Complexes as Catalyst Precursors for Isospecific Polymerization of η^2 -Olefins. <i>Organometallics</i> , 2009 , 28, 680-687	3.8	42
95	Ligand-Controlled Cross-Dimerization and -Trimerization of Alkynes under Nickel Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 2274-2278	5.6	40

94	Rhodium-catalyzed Selective Cross-coupling of Internal Alkynes with a Terminal Silylacetylene. <i>Chemistry Letters</i> , 2007 , 36, 830-831	1.7	40
93	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	1.7	40
92	Dianion and Monoanion Ligation of 1,4-Diaza-1,3-butadiene to Barium, Strontium, and Calcium. <i>Organometallics</i> , 2012 , 31, 3178-3184	3.8	38
91	Carboxylate Ligand-Induced Intramolecular C≡C Bond Activation of Iridium Complexes with N-Phenylperimidine-Based Carbene Ligands. <i>Organometallics</i> , 2010 , 29, 4120-4129	3.8	38
90	Chemo- and Regioselective Reduction of 5,15-Diazaporphyrins Providing Antiaromatic Azaporphyrinoids. <i>Chemistry - A European Journal</i> , 2016 , 22, 3956-61	4.8	34
89	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, 11369-77	4.8	34
88	Preparation and Structure of Iminopyrrolyl and Amidopyrrolyl Complexes of Group 2 Metals. <i>Organometallics</i> , 2012 , 31, 2268-2274	3.8	34
87	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	5.1	34
86	Nickel-catalyzed cyanation of aryl halides and triflates using acetonitrile 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	9.4	33
85	Direct ortho-C-H Aminoalkylation of 2-Substituted Pyridine Derivatives Catalyzed by Yttrium Complexes with N,N'-Diarylethylenediamido Ligands. <i>Journal of the American Chemical Society</i> , 2018 , 140, 7332-7342	16.4	32
84	Supramolecular assemblies of multi-nuclear transition metal complexes: Synthesis and redox properties. <i>Coordination Chemistry Reviews</i> , 2014 , 265, 38-51	23.2	31
83	Cerium(IV) Hexanuclear Clusters from Cerium(III) Precursors: Molecular Models for Oxidative Growth of Ceria Nanoparticles. <i>Chemistry - A European Journal</i> , 2015 , 21, 13454-61	4.8	31
82	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	13.1	30
81	Palladium/Phosphite or Phosphate Catalyzed Oxidative Coupling of Arylboronic Acids with Alkynes to Produce 1,4-Diaryl-1,3-butadienes. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 509-514	5.6	29
80	Inorganic-Salt-Free Reduction in Main-Group Chemistry: Synthesis of a Dibismuthene and a Distibene. <i>Organometallics</i> , 2017 , 36, 1224-1226	3.8	28
79	Highly Reactive Metal-Nitrogen Bond Induced C≡C Bond Activation and Azametallacycle Formation. <i>Organometallics</i> , 2010 , 29, 34-37	3.8	28
78	Multiply-bonded dinuclear complexes of early-transition metals as minimum entities of metal cluster catalysts. <i>Coordination Chemistry Reviews</i> , 2018 , 355, 223-239	23.2	27
77	Rhodium/phosphine/amine.HBr catalyst system for highly selective cross-cyclodimerization of aryl- and alkylalkynes: efficient access to multisubstituted naphthalene derivatives. <i>Chemistry - A European Journal</i> , 2010 , 16, 445-9	4.8	26

76	Benzylolation of β -Diimine Ligands Bound to Zirconium and Hafnium. A New Convenient Route to Olefin Polymerization Catalysts. <i>Chemistry Letters</i> , 2007 , 36, 1420-1421	1.7	26
75	Salt-Free Reduction of Transition Metal Complexes by Bis(trimethylsilyl)cyclohexadiene, -dihydropyrazine, and -4,4'-bipyridinylidene Derivatives. <i>Accounts of Chemical Research</i> , 2019 , 52, 769-773	4.3	23
74	Tantalum-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	3.8	23
73	Reactivity of terminal imido complexes of group 4-6 metals: stoichiometric and catalytic reactions involving cycloaddition with unsaturated organic molecules. <i>Coordination Chemistry Reviews</i> , 2020 , 407,	23.2	22
72	Synthesis of Rare-Earth-Metal Iminopyrrolyl Complexes from Alkyl Precursors: Ln-Al N-Ancillary Ligand Transfer. <i>Organometallics</i> , 2013 , 32, 1199-1208	3.8	22
71	Synthesis, Structure, and Reactivity of Tantalum and Tungsten Homoenoate Complexes. <i>Organometallics</i> , 2006 , 25, 3179-3189	3.8	22
70	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	16.4	22
69	Reduction of ((t)BuN ₂)NbCl ₃ (py) ₂ in a Salt-Free Manner for Generating Nb(IV) Dinuclear Complexes and Their Reactivity toward Benzo[c]cinnoline. <i>Inorganic Chemistry</i> , 2015 , 54, 6004-9	5.1	21
68	Rhodium-catalyzed anti selective cross-addition of bis(trimethylsilyl)acetylene to diarylacetylenes via carbon-silicon bond cleavage. <i>Organic Letters</i> , 2008 , 10, 1751-4	6.2	21
67	Preparation and Characterization of a Zwitterionic (iminopyrrolyl)zirconium Complex with Benzylaluminate Anion and Its Catalytic Performance for 1-Hexene Polymerization. <i>Organometallics</i> , 2006 , 25, 5210-5212	3.8	21
66	In Situ Catalyst Generation and Benchtop-Compatible Entry Points for Ti/Ti Redox Catalytic Reactions. <i>Organometallics</i> , 2018 , 37, 4439-4445	3.8	21
65	Mixed-ligand complexes of paddlewheel dinuclear molybdenum as hydrodehalogenation catalysts for polyhaloalkanes. <i>Chemical Science</i> , 2015 , 6, 3434-3439	9.4	20
64	Titanium Complexes of Silicon-Bridged Cyclopentadienylphenoxy 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	3.8	20
63	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-tert-butylphenyl) and 3,6-Bis(imino(2,6-diisopropylphenyl))pyridazine Ligands. <i>Organometallics</i> , 2009 , 28, 3256-3263	3.8	20
62	Palladium/phosphite-catalyzed 1,4-addition of arylboronic acids to acrylic acid derivatives. <i>Journal of Organic Chemistry</i> , 2008 , 73, 1590-2	4.2	20
61	Cerium-Complex-Catalyzed Oxidation of Arylmethanols under Atmospheric Pressure of Dioxygen and Its Mechanism through a Side-On η -Peroxo Dicerium(IV) Complex. <i>Chemistry - A European Journal</i> , 2016 , 22, 4008-14	4.8	20
60	Functionalization of the C-H Bond of N-Heteroaromatics Assisted by Early Transition-Metal Complexes. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 1256-1269	3	19
59	4,4'-Bipyridyl-Catalyzed Reduction of Nitroarenes by Bis(neopentylglycolato)diboron. <i>Organic Letters</i> , 2019 , 21, 9812-9817	6.2	19

58	Salt-Free Reduction of Nonprecious Transition-Metal Compounds: Generation of Amorphous Ni Nanoparticles for Catalytic C–C Bond Formation. <i>Angewandte Chemie</i> , 2015 , 127, 14645-14649	3.6	19
57	Organomagnesium-catalyzed isomerization of terminal alkynes to allenes and internal alkynes. <i>Chemistry - A European Journal</i> , 2015 , 21, 8112-20	4.8	18
56	Metal-Free Deoxygenation and Reductive Disilylation of Nitroarenes by Organosilicon Reducing Reagents. <i>Chemistry - A European Journal</i> , 2018 , 24, 11278-11282	4.8	18
55	Substituent Effects on Silicon of Bridged Tetramethylcyclopentadienylphenoxy Titanium Complexes for Controlling the Regiochemistry and Molecular Weight in 1-Olefin Polymerization. <i>Macromolecules</i> , 2009 , 42, 8006-8009	5.5	18
54	2,2'-Bipyridyl formation from 2-arylpyridines through bimetallic diyttrium intermediate. <i>Chemical Science</i> , 2015 , 6, 5394-5399	9.4	17
53	Silica-supported isolated molybdenum di-oxo species: formation and activation with organosilicon agent for olefin metathesis. <i>Chemical Communications</i> , 2018 , 54, 3989-3992	5.8	17
52	Synthesis and Characterization of Paramagnetic Tungsten Imido Complexes Bearing β -diimine Ligands. <i>Inorganic Chemistry</i> , 2016 , 55, 1446-52	5.1	17
51	A New Protocol to Generate Catalytically Active Species of Group 4-6 Metals by Organosilicon-Based Salt-Free Reductants. <i>Chemistry - A European Journal</i> , 2019 , 25, 913-919	4.8	17
50	Preparation and characterization of iminopyrrolyl hafnium complexes as catalyst precursors for olefin polymerization. <i>Journal of Molecular Catalysis A</i> , 2006 , 254, 131-137		17
49	Alkyne-Induced Facile C–C Bond Formation of Two β -Alkynes on Dinuclear Tantalum Bis(alkyne) Complexes To Give Dinuclear Tantalacyclopentadienes. <i>Organometallics</i> , 2016 , 35, 1573-1581	3.8	17
48	Diene Dissolution of the Heavier Alkaline Earth Metals. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 998-1003	2.3	16
47	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	5.1	15
46	C(sp ³) β 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	3.8	15
45	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, 9358-61	4.3	14
44	First isolation of fully delocalized mixed-valent imido-bridged [Ti ₂] ⁷⁺ complexes by one-electron reduction of [(C ₅ R ₅)TiCl] ₂ (NAr) ₂ . <i>Chemical Communications</i> , 2011 , 47, 5620-2	5.8	14
43	Catalytic synthesis of oligoene and enyne derivatives through carbometalation of internal alkynes. <i>Chemical Record</i> , 2008 , 8, 326-36	6.6	14
42	Dehalogenation of vicinal dihalo compounds by 1,1'-bis(trimethylsilyl)-1H,1'-4,4'-bipyridinylidene for giving alkenes and alkynes in a salt-free manner. <i>Chemical Communications</i> , 2017 , 53, 13157-13160	5.8	13
41	Synthesis of Alkyl and Alkylidene Complexes of Tungsten Bearing Imido and Redox-Active β -diimine oro-lminoquinone Ligands and Their Application as Catalysts for Ring-Opening Metathesis Polymerization of Norbornene. <i>Organometallics</i> , 2015 , 34, 731-741	3.8	13

- 40 Reactivity of Permethylated Magnesium Complexes toward β -Imines. *Organometallics*, **2011**, 30, 3818-3885 13
- 39 Synthesis and Characterization of Heterobimetallic Tantalum-Rhodium and Tantalum-Iridium Complexes Connected by a Tantalacyclopentadiene Fragment. *Helvetica Chimica Acta*, **2016**, 99, 848-858² 11
- 38 Synthesis and Reaction of Neutral and Cationic Alkyltantalum Complexes with a Linked Cyclopentadienyl-Carboranyl Ligand. *Organometallics*, **2011**, 30, 5960-5964 3.8 11
- 37 Rational Design of Silicon-Bridged Fluorenyl-Phenoxy Group 4 Metal Complexes as Catalysts for Producing High Molecular Weight Copolymers of Ethylene and 1-Hexene at Elevated Temperature. *Macromolecules*, **2010**, 43, 2299-2306 5.5 11
- 36 Synthesis of Alkylated Benzo[2,1-b:3,4-b']dithiophenes by Annulative Coupling and Their Direct Arylation under Palladium Catalysis. *Chemistry Letters*, **2007**, 36, 1336-1337 1.7 11
- 35 Organosilicon Reducing Reagents for Stereoselective Formations of Silyl Enol Ethers from α -Halo Carbonyl Compounds. *Journal of Organic Chemistry*, **2018**, 83, 2409-2417 4.2 10
- 34 Renaissance of Homogeneous Cerium Catalysts with Unique Ce(IV/III) Couple: Redox-Mediated Organic Transformations Involving Homolysis of Ce(IV)-Ligand Covalent Bonds. *Journal of the American Chemical Society*, **2021**, 143, 7879-7890 16.4 10
- 33 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. *Inorganic Chemistry*, **2019**, 58, 15155-15165 5.1 9
- 32 Bonding and structural features of metal-metal bonded homo- and hetero-dinuclear complexes supported by unsaturated hydrocarbon ligands. *Journal of Organometallic Chemistry*, **2018**, 869, 251-263²⁻³ 9
- 31 Planar and Bent BN-Embedded p-Quinodimethanes Synthesized by Transmetalation of Bis(trimethylsilyl)-1,4-dihydropyrazines with Chloroborane. *Organometallics*, **2018**, 37, 1833-1836 3.8 9
- 30 Self-Assembled Multilayer Iron(0) Nanoparticle Catalyst for Ligand-Free Carbon-Carbon/Carbon-Nitrogen Bond-Forming Reactions. *Organic Letters*, **2020**, 22, 7244-7249 6.2 9
- 29 Non-bridged half-metallocene complexes of group 4B metals with chelating ligands as well-defined catalysts for olefin polymerization. *Polymer Journal*, **2015**, 47, 2-17 2.7 8
- 28 Reversible Transformation between Alkylidene, Alkylidyne, and Vinylidene Ligands in High-Valent Bis(phenolate) Tungsten Complexes. *Organometallics*, **2016**, 35, 932-935 3.8 8
- 27 Isospecific polymerization of 1-hexene by C₁-symmetric half-metallocene dimethyl complexes of group 4 metals with bidentate N-substituted iminomethylpyrrolyl ligands. *Dalton Transactions*, **2013**, 42, 9120-8 4.3 8
- 26 Propargylic C(sp³)-B Bond Activation for Preparing β -Propargyl/Allenyl Complexes of Yttrium. *Organometallics*, **2017**, 36, 3061-3067 3.8 8
- 25 Activation of O₂ by Organosilicon Reagents Yields Quantitative Amounts of H₂O₂ or (Me₃Si)₂O₂ for Efficient O-Transfer Reactions. *Helvetica Chimica Acta*, **2018**, 101, e1800156 2 8
- 24 Trivalent Rare-Earth Metal Amide Complexes as Catalysts for the Hydrosilylation of Benzophenone Derivatives with HN(SiHMe₃)₂ by Amine-Exchange Reaction. *Chemistry - A European Journal*, **2020**, 26, 14130-14136 4.8 7
- 23 Metathesis cleavage of an N=C bond in benzo[c]cinnolines and azobenzenes by triply-bonded ditungsten complexes. *Chemical Communications*, **2018**, 54, 3709-3711 5.8 7

22	Synthesis and Reactions of Ditantalum Allyl Complexes Derived from Intramolecular C-H Bond Activation of the Methylene of the Ethyl Group Bound to Ditantalacyclopentadiene. <i>Organometallics</i> , 2016 , 35, 2384-2390	3.8	7
21	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	9.4	6
20	Arylimido-Bridged Dinuclear Ti(ENAr) Ti Scaffold for Alkyne Insertion into the ortho-C-H Bond of Arylimido Ligands. <i>Chemistry - A European Journal</i> , 2017 , 23, 586-596	4.8	6
19	Hydrodehalogenation of alkyl halides catalyzed by a trichloroniobium complex with a redox active diimine ligand. <i>Chemical Communications</i> , 2019 , 55, 7247-7250	5.8	5
18	Tetraplatinum cluster complexes bearing hydrophilic anchors as precursors for Al ₂ O ₃ -supported platinum nanoparticles. <i>Dalton Transactions</i> , 2013 , 42, 12662-6	4.3	5
17	Tantalacyclopentadiene as a unique metal-containing diene ligand coordinated to nickel for preparing tantalum-nickel heterobimetallic complexes. <i>Dalton Transactions</i> , 2017 , 46, 13043-13054	4.3	5
16	Synthesis of Ir[η -(N-N)]M (M = Ir and Ru) Homo- and Heterobimetallic Complexes through a Condensation Reaction of N-Amino and Formyl Groups Bound to Mononuclear (η -C _n Men)M Units (n = 5 for M = Ir; n = 6 for M = Ru). <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 1469-1476	2.3	5
15	Silicon-Bridged Tetramethylcyclopentadienylphenoxy Complexes of Tantalum: Preparation and Alkylation of Et ₂ Si(η -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	3.8	5
14	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	4.3	5
13	Metal-free Reductive Deoxygenation of Sulfoxides by an Organosilicon Reductant, 1,1'-Bis(trimethylsilyl)-1H,1'H-4,4'-bipyridinylidene. <i>Chemistry Letters</i> , 2019 , 48, 888-890	1.7	4
12	Synthesis and Characterization of Alkoxide-Bridged Heterometallic Clusters of Cerium and Copper. <i>Inorganic Chemistry</i> , 2019 , 58, 12565-12572	5.1	4
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