

# Hayato Tsurugi

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

129  
papers

4,563  
citations

38  
h-index

62  
g-index

164  
ext. papers

5,131  
ext. citations

6.6  
avg, IF

5.79  
L-index

#	Paper	IF	Citations
129	Renaissance of Homogeneous Cerium Catalysts with Unique Ce(IV/III) Couple: Redox-Mediated Organic Transformations Involving Homolysis of Ce(IV)-Ligand Covalent Bonds. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 7879-7890	16.4	10
128	Pyridine-Mediated B-B Bond Activation of (RO) <sub>2</sub> B(OR) <sub>2</sub> for Generating Borylpyridine Anions and Pyridine-Stabilized Boryl Radicals as Useful Boryl Reagents in Organic Synthesis. <i>Synthesis</i> , <b>2021</b> , 53, 3211-3226	3.9	3
127	Direct Synthesis of Indoles from Azoarenes and Ketones with Bis(neopentylglycolato)diboron Using 4,4'-Bipyridyl as an Organocatalyst. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 3287-3299	4.2	4
126	Effects of Silver Carbonate and <i>p</i> -Nitrobenzoic Acid for Accelerating Palladium-Catalyzed Allylic C-H Acyloxylation. <i>Organic Letters</i> , <b>2021</b> , 23, 7044-7048	6.2	0
125	Chromium-catalyzed cyclopropanation of alkenes with bromoform in the presence of 2,3,5,6-tetramethyl-1,4-bis(trimethylsilyl)-1,4-dihydropyridazine. <i>Chemical Science</i> , <b>2020</b> , 11, 3604-3609	9.4	6
124	Trivalent Rare-Earth Metal Amide Complexes as Catalysts for the Hydrosilylation of Benzophenone Derivatives with HN(SiHMe <sub>3</sub> ) <sub>2</sub> by Amine-Exchange Reaction. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 14130-14136	4.8	7
123	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> , <b>2020</b> , 142, 5668-5675	16.4	42
122	Synthesis, Structure, and Reactivity of Dicationic Bimetallic Tetrabenzylidihafnium Complexes Bearing a Chelating (2-Hydroxyethyl)amido Ligand. <i>Organometallics</i> , <b>2020</b> , 39, 614-622	3.8	
121	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> , <b>2020</b> , 407,	23.2	22
120	Cobalt-Catalyzed E-Selective Cross-Dimerization of Terminal Alkynes: A Mechanism Involving Cobalt(0/II) Redox Cycles. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 1552-1556	16.4	22
119	Cobalt-Catalyzed E-Selective Cross-Dimerization of Terminal Alkynes: A Mechanism Involving Cobalt(0/II) Redox Cycles. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 1568-1572	3.6	4
118	Self-Assembled Multilayer Iron(0) Nanoparticle Catalyst for Ligand-Free Carbon-Carbon/Carbon-Nitrogen Bond-Forming Reactions. <i>Organic Letters</i> , <b>2020</b> , 22, 7244-7249	6.2	9
117	Syntheses of SGLT2 Inhibitors by Ni- and Pd-Catalyzed Fukuyama Coupling Reactions. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 12382-12392	4.2	1
116	Metal-free Reductive Deoxygenation of Sulfoxides by an Organosilicon Reductant, 1,1'-Bis(trimethylsilyl)-1H,1'-H-4,4'-bipyridinylidene. <i>Chemistry Letters</i> , <b>2019</b> , 48, 888-890	1.7	4
115	Diimine-Niobium Complex-Catalyzed Deoxychlorination of Benzyl Ethers with Silicon Tetrachloride. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 12825-12831	5.1	3
114	Synthesis and Characterization of Alkoxide-Bridged Heterometallic Clusters of Cerium and Copper. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 12565-12572	5.1	4
113	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> , <b>2019</b> , 58, 15155-15165	5.1	9

112	C=C Bond Fission of Metallacyclopentadiene over a Low-Valent Ditantalum Scaffold. <i>Organometallics</i> , <b>2019</b> , 38, 722-729	3.8	3
111	Hydrodehalogenation of alkyl halides catalyzed by a trichloroniobium complex with a redox active diimine ligand. <i>Chemical Communications</i> , <b>2019</b> , 55, 7247-7250	5.8	5
110	Salt-Free Reduction of Transition Metal Complexes by Bis(trimethylsilyl)cyclohexadiene, -dihydropyrazine, and -4,4'-bipyridinylidene Derivatives. <i>Accounts of Chemical Research</i> , <b>2019</b> , 52, 769-774	4.3	23
109	Bis(imido)vanadium(V)-Catalyzed [2+2+1] Coupling of Alkynes and Azobenzenes Giving Multisubstituted Pyrroles. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 4194-4198	16.4	44
108	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> , <b>2019</b> , 25, 913-919	4.8	17
107	4,4'-Bipyridyl-Catalyzed Reduction of Nitroarenes by Bis(neopentylglycolato)diboron. <i>Organic Letters</i> , <b>2019</b> , 21, 9812-9817	6.2	19
106	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> , <b>2019</b> , 10, 994-999	9.4	33
105	Metal-Free Deoxygenation and Reductive Disilylation of Nitroarenes by Organosilicon Reducing Reagents. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 11278-11282	4.8	18
104	Bonding and structural features of metal-metal bonded homo- and hetero-dinuclear complexes supported by unsaturated hydrocarbon ligands. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 869, 251-263	2.3	9
103	Organosilicon Reducing Reagents for Stereoselective Formations of Silyl Enol Ethers from Halo Carbonyl Compounds. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 2409-2417	4.2	10
102	Metathesis cleavage of an N=C=N bond in benzo[c]cinnolines and azobenzenes by triply-bonded ditungsten complexes. <i>Chemical Communications</i> , <b>2018</b> , 54, 3709-3711	5.8	7
101	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> , <b>2018</b> , 57, 2492-2496	16.4	69
100	Silica-supported isolated molybdenum di-oxo species: formation and activation with organosilicon agent for olefin metathesis. <i>Chemical Communications</i> , <b>2018</b> , 54, 3989-3992	5.8	17
99	Multiply-bonded dinuclear complexes of early-transition metals as minimum entities of metal cluster catalysts. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 355, 223-239	23.2	27
98	Planar and Bent BN-Embedded p-Quinodimethanes Synthesized by Transmetalation of Bis(trimethylsilyl)-1,4-dihydropyrazines with Chloroborane. <i>Organometallics</i> , <b>2018</b> , 37, 1833-1836	3.8	9
97	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> , <b>2018</b> , 8, 6939-6947	13.1	30
96	Functionalization of the C-H Bond of N-Heteroaromatics Assisted by Early Transition-Metal Complexes. <i>Asian Journal of Organic Chemistry</i> , <b>2018</b> , 7, 1256-1269	3	19
95	Activation of O <sub>2</sub> by Organosilicon Reagents Yields Quantitative Amounts of H <sub>2</sub> O <sub>2</sub> or (Me <sub>3</sub> Si) <sub>2</sub> O <sub>2</sub> for Efficient O-Transfer Reactions. <i>Helvetica Chimica Acta</i> , <b>2018</b> , 101, e1800156	2	8

94	In Situ Catalyst Generation and Benchtop-Compatible Entry Points for Ti/Ti Redox Catalytic Reactions. <i>Organometallics</i> , <b>2018</b> , 37, 4439-4445	3.8	21
93	Deprotonation of a formato ligand by a cis-coordinated carbyne ligand within a bis(phenolate) tungsten complex. <i>Dalton Transactions</i> , <b>2018</b> , 47, 13328-13331	4.3	5
92	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> , <b>2018</b> , 140, 7332-7342	16.4	32
91	Structural and Electronic Noninnocence of $\eta^2$ -Diimine Ligands on Niobium for Reductive C-Cl Bond Activation and Catalytic Radical Addition Reactions. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 6494-6505	16.4	43
90	Inorganic-Salt-Free Reduction in Main-Group Chemistry: Synthesis of a Dibismuthene and a Distibene. <i>Organometallics</i> , <b>2017</b> , 36, 1224-1226	3.8	28
89	Mixed Ligated Tris(amidinate)dimolybdenum Complexes as Catalysts for Radical Addition of CCl to 1-Hexene: Leaving Ligand Lability Controls Catalyst Activity. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 634-644	5.1	15
88	Tantalacyclopentadiene as a unique metal-containing diene ligand coordinated to nickel for preparing tantalum-nickel heterobimetallic complexes. <i>Dalton Transactions</i> , <b>2017</b> , 46, 13043-13054	4.3	5
87	Propargylic C(sp <sup>3</sup> ) $\eta^1$ Bond Activation for Preparing $\beta$ -Propargyl/Allenyl Complexes of Yttrium. <i>Organometallics</i> , <b>2017</b> , 36, 3061-3067	3.8	8
86	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> , <b>2017</b> , 53, 13157-13160	5.8	13
85	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> , <b>2017</b> , 23, 586-596	4.8	6
84	C(sp <sup>3</sup> ) $\eta^1$ Alkenylation Catalyzed by Cationic Alkylhafnium Complexes: Stereoselective Synthesis of Trisubstituted Alkenes from 2,6-Dimethylpyridines and Internal Alkynes. <i>Organometallics</i> , <b>2016</b> , 35, 3816-3827	3.8	15
83	Synthesis and Characterization of Heterobimetallic Tantalum-Rhodium and Tantalum-Iridium Complexes Connected by a Tantalacyclopentadiene Fragment. <i>Helvetica Chimica Acta</i> , <b>2016</b> , 99, 848-858 <sup>2</sup>		11
82	Chemo- and Regioselective Reduction of 5,15-Diazaporphyrins Providing Antiaromatic Azaporphyrinoids. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 3956-61	4.8	34
81	Reversible Transformation between Alkylidene, Alkylidyne, and Vinylidene Ligands in High-Valent Bis(phenolate) Tungsten Complexes. <i>Organometallics</i> , <b>2016</b> , 35, 932-935	3.8	8
80	Synthesis and Characterization of Paramagnetic Tungsten Imido Complexes Bearing $\eta^2$ -Diimine Ligands. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 1446-52	5.1	17
79	Synthesis and Reactions of Ditantalum-Allyl Complexes Derived from Intramolecular C $\eta^1$ Bond Activation of the Methylene of the Ethyl Group Bound to Ditantalacyclopentadiene. <i>Organometallics</i> , <b>2016</b> , 35, 2384-2390	3.8	7
78	Cerium-Complex-Catalyzed Oxidation of Arylmethanols under Atmospheric Pressure of Dioxide and Its Mechanism through a Side-On $\eta^2$ -Peroxo Dicerium(IV) Complex. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 4008-14	4.8	20
77	Cerium-Complex-Catalyzed Oxidation of Arylmethanols under Atmospheric Pressure of Dioxide and Its Mechanism through a Side-On $\eta^2$ -Peroxo Dicerium(IV) Complex. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 3897-3897	4.8	

76	Recent Developments in Homogeneous Organomagnesium Catalysis. <i>ChemCatChem</i> , <b>2016</b> , 8, 10-20	5.2	52
75	Alkyne-Induced Facile C–C Bond Formation of Two $\eta$ -Alkynes on Dinuclear Tantalum Bis(alkyne) Complexes To Give Dinuclear Tantalacyclopentadienes. <i>Organometallics</i> , <b>2016</b> , 35, 1573-1581	3.8	17
74	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> , <b>2016</b> , 45, 17072-17081	4.3	43
73	Low Temperature Activation of Supported Metathesis Catalysts by Organosilicon Reducing Agents. <i>ACS Central Science</i> , <b>2016</b> , 2, 569-76	16.8	47
72	2,2'-Bipyridyl formation from 2-arylpyridines through bimetallic diyttrium intermediate. <i>Chemical Science</i> , <b>2015</b> , 6, 5394-5399	9.4	17
71	Organomagnesium-catalyzed isomerization of terminal alkynes to allenes and internal alkynes. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 8112-20	4.8	18
70	Mixed-ligand complexes of paddlewheel dinuclear molybdenum as hydrodehalogenation catalysts for polyhaloalkanes. <i>Chemical Science</i> , <b>2015</b> , 6, 3434-3439	9.4	20
69	Non-bridged half-metallocene complexes of group 4B metals with chelating ligands as well-defined catalysts for olefin polymerization. <i>Polymer Journal</i> , <b>2015</b> , 47, 2-17	2.7	8
68	Cerium(IV) Hexanuclear Clusters from Cerium(III) Precursors: Molecular Models for Oxidative Growth of Ceria Nanoparticles. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 13454-61	4.8	31
67	Development of Salt-free Reduction Methods for High-oxidation State Transition Metal Complexes. <i>Bulletin of Japan Society of Coordination Chemistry</i> , <b>2015</b> , 65, 38-48	0.3	
66	Salt-Free Reduction of Nonprecious Transition-Metal Compounds: Generation of Amorphous Ni Nanoparticles for Catalytic C–C Bond Formation. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 14645-14649	3.6	19
65	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> , <b>2015</b> , 21, 11369-77	4.8	34
64	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> , <b>2015</b> , 54, 14437-41	16.4	48
63	Reduction of ((t)BuN)NbCl <sub>3</sub> (py) <sub>2</sub> in a Salt-Free Manner for Generating Nb(IV) Dinuclear Complexes and Their Reactivity toward Benzo[c]cinnoline. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 6004-9	5.1	21
62	Aminomethylation reaction of ortho-pyridyl C–H bonds catalyzed by group 3 metal triamido complexes. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 640-3	16.4	46
61	Synthesis of Alkyl and Alkylidene Complexes of Tungsten Bearing Imido and Redox-Active Diimine or-Iminoquinone Ligands and Their Application as Catalysts for Ring-Opening Metathesis Polymerization of Norbornene. <i>Organometallics</i> , <b>2015</b> , 34, 731-741	3.8	13
60	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> , <b>2014</b> , 136, 5161-70	16.4	93
59	Supramolecular assemblies of multi-nuclear transition metal complexes: Synthesis and redox properties. <i>Coordination Chemistry Reviews</i> , <b>2014</b> , 265, 38-51	23.2	31

58	Direct functionalization of unactivated C-H bonds catalyzed by group 3-5 metal alkyl complexes. <i>Dalton Transactions</i> , <b>2014</b> , 43, 2331-43	4.3	57
57	C <sup>III</sup> Metalation Reaction of Diarylamine and Carbazole by Alkylaluminum Complexes at the Heteroatom-Bridged Dimeric Aluminum Core. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 3821-3825	4.3	4
56	Hemilabile N-xylyl-N <sup>Q</sup> 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> , <b>2013</b> , 135, 13149-61	16.4	93
55	Isospecific polymerization of 1-hexene by C <sup>1</sup> -symmetric half-metallocene dimethyl complexes of group 4 metals with bidentate N-substituted iminomethylpyrrolyl ligands. <i>Dalton Transactions</i> , <b>2013</b> , 42, 9120-8	4.3	8
54	Tetraplatinum cluster complexes bearing hydrophilic anchors as precursors for Al <sub>2</sub> O <sub>3</sub> -supported platinum nanoparticles. <i>Dalton Transactions</i> , <b>2013</b> , 42, 12662-6	4.3	5
53	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> , <b>2013</b> , 135, 5986-9	16.4	44
52	Synthesis of Rare-Earth-Metal Iminopyrrolyl Complexes from Alkyl Precursors: Ln-Al N-Ancillary Ligand Transfer. <i>Organometallics</i> , <b>2013</b> , 32, 1199-1208	3.8	22
51	Diene Dissolution of the Heavier Alkaline Earth Metals. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 998-1003	2.3	16
50	Preparation and Structure of Iminopyrrolyl and Amidopyrrolyl Complexes of Group 2 Metals. <i>Organometallics</i> , <b>2012</b> , 31, 2268-2274	3.8	34
49	Dianion and Monoanion Ligation of 1,4-Diaza-1,3-butadiene to Barium, Strontium, and Calcium. <i>Organometallics</i> , <b>2012</b> , 31, 3178-3184	3.8	38
48	Synthesis of Ir[ $\eta$ -(N-N)]M (M = Ir and Ru) Homo- and Heterobimetallic Complexes through a Condensation Reaction of N-Amino and Formyl Groups Bound to Mononuclear ( $\eta$ -C <sub>n</sub> Men)M Units (n = 5 for M = Ir; n = 6 for M = Ru). <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 1469-1476	2.3	5
47	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> , <b>2011</b> , 133, 19626-9	16.4	87
46	Dinuclear molybdenum cluster-catalyzed radical addition and polymerization reactions by tuning the redox potential of a quadruple bonded Mo <sub>2</sub> core. <i>Dalton Transactions</i> , <b>2011</b> , 40, 9358-61	4.3	14
45	Synthesis and Reaction of Neutral and Cationic Alkyltantalum Complexes with a Linked Cyclopentadienyl-Carboranyl Ligand. <i>Organometallics</i> , <b>2011</b> , 30, 5960-5964	3.8	11
44	Carbon radical generation by d <sup>0</sup> tantalum complexes with $\eta$ -diimine ligands through ligand-centered redox processes. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 18673-83	16.4	72
43	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> , <b>2011</b> , 133, 732-5	16.4	52
42	Reactivity of Permethylated Magnesium Complexes toward $\eta$ -diimines. <i>Organometallics</i> , <b>2011</b> , 30, 3818-3825	3.8	13
41	First isolation of fully delocalized mixed-valent imido-bridged [Ti <sub>2</sub> ] <sup>7+</sup> complexes by one-electron reduction of [(C <sub>5</sub> R <sub>5</sub> )TiCl] <sub>2</sub> (NAr) <sub>2</sub> . <i>Chemical Communications</i> , <b>2011</b> , 47, 5620-2	5.8	14

40	Carboxylate Ligand-Induced Intramolecular C-H Bond Activation of Iridium Complexes with N-Phenylperimidine-Based Carbene Ligands. <i>Organometallics</i> , <b>2010</b> , 29, 4120-4129	3.8	38
39	Intramolecular Alkylation of Diimine Ligands Giving Amido-Imino and Diamido Scandium and Yttrium Complexes as Catalysts for Intramolecular Hydroamination/Cyclization. <i>Organometallics</i> , <b>2010</b> , 29, 3463-3466	3.8	42
38	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. <i>Macromolecules</i> , <b>2010</b> , 43, 2299-2306	5.5	11
37	Highly Reactive Metal-Nitrogen Bond Induced C-H Bond Activation and Azametallacycle Formation. <i>Organometallics</i> , <b>2010</b> , 29, 34-37	3.8	28
36	Silicon-Bridged Tetramethylcyclopentadienyl-Phenoxy Complexes of Tantalum: Preparation and Alkylation of Et <sub>2</sub> Si(Ph-CMe <sub>4</sub> )(3-tBu-5-Me-2-C <sub>6</sub> H <sub>2</sub> O)TaCl <sub>3</sub> and Generation of Its Cationic Complex. <i>Organometallics</i> , <b>2010</b> , 29, 2080-2084	3.8	5
35	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> , <b>2010</b> , 29, 2610-2615	3.8	49
34	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> , <b>2010</b> , 16, 445-9	4.8	26
33	Copper-mediated direct cross-coupling of 1,3,4-oxadiazoles and oxazoles with terminal alkynes. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 1772-5	4.8	96
32	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> , <b>2009</b> , 28, 6915-6926	3.8	20
31	Controlled Benzoylation of Diimine Ligands Bound to Zirconium and Hafnium: An Alternative Method for Preparing Mono- and Bis(amido)M(CH <sub>2</sub> Ph) <sub>n</sub> (n = 2, 3) Complexes as Catalyst Precursors for Isospecific Polymerization of Olefins. <i>Organometallics</i> , <b>2009</b> , 28, 680-687	3.8	42
30	Substituent Effects on Silicon of Bridged Tetramethylcyclopentadienyl-Phenoxy Titanium Complexes for Controlling the Regiochemistry and Molecular Weight in 1-Olefin Polymerization. <i>Macromolecules</i> , <b>2009</b> , 42, 8006-8009	5.5	18
29	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> , <b>2009</b> , 131, 5370-1	16.4	96
28	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> , <b>2009</b> , 28, 3256-3263	3.8	20
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26	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> , <b>2008</b> , 10, 1159-62	6.2	308
25	Palladium-catalyzed perarylation of 3-thiophene- and 3-furancarboxylic acids accompanied by C-H bond cleavage and decarboxylation. <i>Organic Letters</i> , <b>2008</b> , 10, 1851-4	6.2	181
24	Rhodium-catalyzed (E)-selective cross-dimerization of terminal alkynes. <i>Chemical Communications</i> , <b>2008</b> , 3405-7	5.8	62
23	Rhodium-catalyzed anti selective cross-addition of bis(trimethylsilyl)acetylene to diarylacetylenes via carbon-silicon bond cleavage. <i>Organic Letters</i> , <b>2008</b> , 10, 1751-4	6.2	21

22	Rhodium-catalyzed oxidative coupling of triarylmethanols with internal alkynes via successive C-H and C-C bond cleavages. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 298-300	4.2	126
21	Palladium/phosphite-catalyzed 1,4-addition of arylboronic acids to acrylic acid derivatives. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 1590-2	4.2	20
20	Copper-mediated direct arylation of benzoazoles with aryl iodides. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 1598-1600	136	
19	Catalytic synthesis of oligoene and enyne derivatives through carbometalation of internal alkynes. <i>Chemical Record</i> , <b>2008</b> , 8, 326-36	6.6	14
18	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> , <b>2008</b> , 47, 4019-22	16.4	375
17	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> , <b>2008</b> , 350, 509-514	5.6	29
16	Ligand-Controlled Cross-Dimerization and -Trimerization of Alkynes under Nickel Catalysis. <i>Advanced Synthesis and Catalysis</i> , <b>2008</b> , 350, 2274-2278	5.6	40
15	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> , <b>2008</b> , 120, 4083-4086	3.6	136
14	Rhodium-catalyzed regioselective arylation of phenylazoles and related compounds with arylboron reagents via C-H bond cleavage. <i>Journal of Organometallic Chemistry</i> , <b>2008</b> , 693, 2438-2442	2.3	58
13	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> , <b>2008</b> , 3, 881-6	4.5	102
12	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> , <b>2007</b> , 9, 2231-3	6.2	43
11	Rhodium-catalyzed Selective Cross-coupling of Internal Alkynes with a Terminal Silylacetylene. <i>Chemistry Letters</i> , <b>2007</b> , 36, 830-831	1.7	40
10	Synthesis of Alkylated Benzo[2,1-b:3,4-b']dithiophenes by Annulative Coupling and Their Direct Arylation under Palladium Catalysis. <i>Chemistry Letters</i> , <b>2007</b> , 36, 1336-1337	1.7	11
9	Benzoylation of $\beta$ -Imine Ligands Bound to Zirconium and Hafnium. A New Convenient Route to Olefin Polymerization Catalysts. <i>Chemistry Letters</i> , <b>2007</b> , 36, 1420-1421	1.7	26
8	Preparation and characterization of iminopyrrolyl hafnium complexes as catalyst precursors for $\beta$ -olefin polymerization. <i>Journal of Molecular Catalysis A</i> , <b>2006</b> , 254, 131-137		17
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6	Synthesis, Structure, and Reactivity of Tantalum and Tungsten Homoenoate Complexes. <i>Organometallics</i> , <b>2006</b> , 25, 3179-3189	3.8	22
5	Preparation and Characterization of a Zwitterionic (Iminopyrrolyl)zirconium Complex with Benzylaluminate Anion and Its Catalytic Performance for 1-Hexene Polymerization. <i>Organometallics</i> , <b>2006</b> , 25, 5210-5212	3.8	21



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