

Kazushi Mashima

List of Publications by Year in descending order

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311
papers

11,981
citations

22099

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#	ARTICLE	IF	CITATIONS
1	Diarylcuprates for Selective Syntheses of Multifunctionalized Ketones from Thioesters under Mild Conditions. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	2
2	Olefin Metathesis Catalysts Generated In Situ from Molybdenum(VI)â€Oxo Complexes by Tuning Pendant Ligands. <i>Chemistry - A European Journal</i> , 2022, , .	1.7	5
3	<i>N</i>-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.	5.5	6
4	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.	2.2	6
5	Direct Synthesis of Indoles from Azoarenes and Ketones with Bis(neopentylglycolato)diboron Using 4,4â€²-Bipyridyl as an Organocatalyst. <i>Journal of Organic Chemistry</i> , 2021, 86, 3287-3299.	1.7	9
6	Renaissance of Homogeneous Cerium Catalysts with Unique â€â€â€Ce(IV/III) Couple: Redox-Mediated Organic Transformations Involving Homolysis of Ce(IV)â€Ligand Covalent Bonds. <i>Journal of the American Chemical Society</i> , 2021, 143, 7879-7890.	6.6	39
7	Mechanistic Study of Ni and Cu Dual Catalyst for Asymmetric Câ€C Bond Formation; Asymmetric Coupling of 1,3-Dienes with C-nucleophiles to Construct Vicinal Stereocenters. <i>ACS Catalysis</i> , 2021, 11, 6643-6655.	5.5	52
8	Effects of Silver Carbonate and <i>p</i>-Nitrobenzoic Acid for Accelerating Palladium-Catalyzed Allylic Câ€H Acyloxylation. <i>Organic Letters</i> , 2021, 23, 7044-7048.	2.4	4
9	Rungeâ€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.	2.1	2
10	Diagonal Relationship among Organometallic Transition-Metal Complexes. <i>Organometallics</i> , 2021, 40, 3497-3505.	1.1	11
11	Cobaltâ€Catalyzed Eâ€Selective Crossâ€Dimerization of Terminal Alkynes: A Mechanism Involving Cobalt(0/II) Redox Cycles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1552-1556.	7.2	32
12	Cobaltâ€Catalyzed Eâ€Selective Crossâ€Dimerization of Terminal Alkynes: A Mechanism Involving Cobalt(0/II) Redox Cycles. <i>Angewandte Chemie</i> , 2020, 132, 1568-1572.	1.6	5
13	Esterification of Tertiary Amides: Remarkable Additive Effects of Potassium Alkoxides for Generating Hetero Manganeseâ€Potassium Dinuclear Active Species. <i>Chemistry - A European Journal</i> , 2020, 26, 10647-10647.	1.7	0
14	Self-Assembled Multilayer Iron(0) Nanoparticle Catalyst for Ligand-Free Carbonâ€Carbon/Carbonâ€Nitrogen Bond-Forming Reactions. <i>Organic Letters</i> , 2020, 22, 7244-7249.	2.4	18
15	Syntheses of SGLT2 Inhibitors by Ni- and Pd-Catalyzed Fukuyama Coupling Reactions. <i>Journal of Organic Chemistry</i> , 2020, 85, 12382-12392.	1.7	6
16	Esterification of Tertiary Amides: Remarkable Additive Effects of Potassium Alkoxides for Generating Hetero Manganeseâ€Potassium Dinuclear Active Species. <i>Chemistry - A European Journal</i> , 2020, 26, 10735-10742.	1.7	6
17	Alternating Copolymerization of CO ₂ and Cyclohexene Oxide Catalyzed by Cobaltâ€Lanthanide Mixed Multinuclear Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 7928-7933.	1.9	45
18	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.	3.7	13

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19	Monohydride- δ -Dichloro Rhodium(III) Complexes with Chiral Diphosphine Ligands as Catalysts for Asymmetric Hydrogenation of Olefinic Substrates. <i>Chemistry - A European Journal</i> , 2020, 26, 8749-8759.	1.7	7
20	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.	6.6	94
21	Synthesis, Structure, and Reactivity of Dicationic Bimetallic Tetrabenzylidhafnium Complexes Bearing a Chelating (2-Hydroxyethyl)amido Ligand. <i>Organometallics</i> , 2020, 39, 614-622.	1.1	0
22	Asymmetric Allylic Alkylation of \hat{I}^2 -Ketoesters via C \hat{N} Bond Cleavage of $\langle i \rangle N \langle /i \rangle$ -Allyl- $\langle i \rangle N \langle /i \rangle$ -methylaniline Derivatives Catalyzed by a Nickel- δ -Diphosphine System. <i>ACS Catalysis</i> , 2020, 10, 5828-5839.	5.5	32
23	A New Protocol to Generate Catalytically Active Species of Group $\hat{6}$ Metals by Organosilicon-Based Salt-Free Reductants. <i>Chemistry - A European Journal</i> , 2019, 25, 913-919.	1.7	25
24	4,4 $\hat{2}$ -Bipyridyl-Catalyzed Reduction of Nitroarenes by Bis(neopentylglycolato)diboron. <i>Organic Letters</i> , 2019, 21, 9812-9817.	2.4	40
25	\hat{I}^{\pm} -Diimine-Niobium Complex-Catalyzed Deoxychlorination of Benzyl Ethers with Silicon Tetrachloride. <i>Inorganic Chemistry</i> , 2019, 58, 12825-12831.	1.9	5
26	Synthesis and Characterization of Alkoxide-Bridged Heterometallic Clusters of Cerium and Copper. <i>Inorganic Chemistry</i> , 2019, 58, 12565-12572.	1.9	4
27	Synthesis of Pyridylimido Complexes of Tantalum and Niobium by Reductive Cleavage of the N \hat{N} Bond of 2,2 $\hat{2}$ -Azopyridine: Precursors for Early \hat{L} -Late Heterobimetallic Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 15155-15165.	1.9	17
28	C \hat{C} Bond Fission of Metallacyclopentadiene over a Low-Valent Ditantalum Scaffold. <i>Organometallics</i> , 2019, 38, 722-729.	1.1	5
29	Dinuclear manganese alkoxide complexes as catalysts for C \hat{N} bond cleavage of simple tertiary $\langle i \rangle N \langle /i \rangle$, $\langle i \rangle N \langle /i \rangle$ -dialkylamides to give esters. <i>Chemical Science</i> , 2019, 10, 2860-2868.	3.7	29
30	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.	1.7	21
31	Hydrodehalogenation of alkyl halides catalyzed by a trichloroniobium complex with a redox active \hat{I}^{\pm} -diimine ligand. <i>Chemical Communications</i> , 2019, 55, 7247-7250.	2.2	13
32	Salt-Free Reduction of Transition Metal Complexes by Bis(trimethylsilyl)cyclohexadiene, -dihydropyrazine, and -4,4 $\hat{2}$ -bipyridinylidene Derivatives. <i>Accounts of Chemical Research</i> , 2019, 52, 769-779.	7.6	43
33	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.	6.6	67
34	Nickel-catalyzed cyanation of aryl halides and triflates using acetonitrile $\langle i \rangle$ via $\langle i \rangle$ C \hat{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.	3.7	49
35	Metal-Free Deoxygenation and Reductive Disilylation of Nitroarenes by Organosilicon Reducing Reagents. <i>Chemistry - A European Journal</i> , 2018, 24, 11278-11282.	1.7	29
36	Organosilicon Reducing Reagents for Stereoselective Formations of Silyl Enol Ethers from \hat{I}^{\pm} -Halo Carbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2018, 83, 2409-2417.	1.7	16

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37	Metathesis cleavage of an Ni–N bond in benzo[<i>c</i>]cinnolines and azobenzenes by triply-bonded tungsten complexes. <i>Chemical Communications</i> , 2018, 54, 3709-3711.	2.2	12
38	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.	7.2	103
39	Multiply-bonded dinuclear complexes of early-transition metals as minimum entities of metal cluster catalysts. <i>Coordination Chemistry Reviews</i> , 2018, 355, 223-239.	9.5	41
40	In Situ Catalyst Generation and Benchtop-Compatible Entry Points for Ti ^{II} /Ti ^{IV} Redox Catalytic Reactions. <i>Organometallics</i> , 2018, 37, 4439-4445.	1.1	24
41	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.	1.6	6
42	Planar and Bent BN-Embedded <i>p</i> -Quinodimethanes Synthesized by Transmetalation of Bis(trimethylsilyl)-1,4-dihydropyrazines with Chloroborane. <i>Organometallics</i> , 2018, 37, 1833-1836.	1.1	14
43	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.	5.5	40
44	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.	1.3	25
45	Development of Direct Enantioselective Alkynylation of α -Ketoester and α -Ketimoesters Catalyzed by Phenylbis(oxazoline)Rh(III) Complexes. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2018, 76, 226-240.	0.0	3
46	Structural and Electronic Noninnocence of α -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.	6.6	54
47	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.	1.7	41
48	Zinc-Catalyzed Esterification of <i>N</i> -Hydroxyethylamides: Removal of Directing Groups under Mild Conditions. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5010-5014.	1.2	27
49	Group 2 metal (Mg, Ca, Sr) silylamides supported by a cyclen-derived macrocyclic polyamine. <i>Dalton Transactions</i> , 2017, 46, 8451-8457.	1.6	12
50	Inorganic-Salt-Free Reduction in Main-Group Chemistry: Synthesis of a Dibismuthene and a Distibene. <i>Organometallics</i> , 2017, 36, 1224-1226.	1.1	37
51	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.	1.9	20
52	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.	1.6	6
53	Front Cover: Zinc-Catalyzed Esterification of <i>N</i> -Hydroxyethylamides: Removal of Directing Groups under Mild Conditions (Eur. J. Org. Chem. 34/2017). <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4995-4995.	1.2	0
54	Propargylic C(sp ³)–H Bond Activation for Preparing β -Propargyl/Allenyl Complexes of Yttrium. <i>Organometallics</i> , 2017, 36, 3061-3067.	1.1	12

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55	Dehalogenation of vicinal dihalo compounds by 1,1-bis(trimethylsilyl)-1H-4,4-bipyridinylidene for giving alkenes and alkynes in a salt-free manner. <i>Chemical Communications</i> , 2017, 53, 13157-13160.	2.2	21
56	Arylimido-Bridged Dinuclear Ti(IV)-NAr ₂ Ti Scaffold for Alkyne Insertion into the ortho-C-H Bond of Arylimido Ligands. <i>Chemistry - A European Journal</i> , 2017, 23, 586-596.	1.7	9
57	Asymmetric Hydrogenation of Six-Membered Monocyclic N-Heteroaromatic Compounds. <i>Heterocycles</i> , 2017, 95, 63.	0.4	11
58	Direct Enantioselective Alkynylation of α -Ketoesters and α -Ketiminoesters Catalyzed by [bis(Oxazoline)phenyl]rhodium(III) Complexes. <i>Heterocycles</i> , 2017, 95, 637.	0.4	5
59	Asymmetric Hydrogenation of β -Amido- α -arylpiperidinium 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.	2.1	17
60	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.	7.2	32
61	Synthesis and Reactions of Ditantalum(III) 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.	1.1	8
62	Cerium(IV) Complex-Catalyzed Oxidation of Arylmethanols under Atmospheric Pressure of Dioxygen and Its Mechanism through a Side-On η^4 -Peroxo Dicerium(IV) Complex. <i>Chemistry - A European Journal</i> , 2016, 22, 4008-4014.	1.7	25
63	Iridium-Catalyzed Asymmetric Hydrogenation of Tosylamido-Substituted Pyrazines for Constructing Chiral Tetrahydropyrazines with an Amidine Skeleton. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3949-3954.	2.1	13
64	Alkyne-Induced Facile C-C Bond Formation of Two α -Alkynes on Dinuclear Tantalum Bis(alkyne) Complexes To Give Dinuclear Tantalacyclopentadienes. <i>Organometallics</i> , 2016, 35, 1573-1581.	1.1	20
65	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.	6.6	87
66	Magnesium hydridotriphenylborate [Mg(thf) ₆][HBPh ₃] ₂ : a versatile hydroboration catalyst. <i>Chemical Communications</i> , 2016, 52, 13155-13158.	2.2	212
67	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.	1.6	59
68	Low Temperature Activation of Supported Metathesis Catalysts by Organosilicon Reducing Agents. <i>ACS Central Science</i> , 2016, 2, 569-576.	5.3	65
69	Triply Halide-Bridged Dinuclear Iridium(III) Complexes with Chiral Diphosphine Ligands as New Easy-to-Handle Iridium Catalysts for Asymmetric Hydrogenation of Imines and α -Heteroaromatics. <i>Chemical Record</i> , 2016, 16, 2585-2598.	2.9	12
70	Chemoselective Reduction of Tertiary Amides to Amines Catalyzed by Triphenylborane. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13326-13329.	7.2	70
71	α -Selective Semi-hydrogenation of Alkynes with Dinuclear Iridium Complexes under Atmospheric Pressure of Hydrogen. <i>Chemistry Letters</i> , 2016, 45, 866-868.	0.7	28
72	C(α)-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.	1.1	21

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73	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.	1.0	15
74	Chemo- and Regioselective Reduction of 5,15-Diazaporphyrins Providing Antiaromatic Azaporphyrinoids. <i>Chemistry - A European Journal</i> , 2016, 22, 3956-3961.	1.7	41
75	Asymmetric Allylic Alkylation of α -Ketoesters with Allylic Alcohols by a Nickel/Diphosphine Catalyst. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1098-1101.	7.2	112
76	Studies of the Electronic Effects of Zinc Cluster Catalysts and Their Application to the Transesterification of α -Keto Esters. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1548-1554.	1.7	20
77	Reversible Transformation between Alkylidene, Alkylidyne, and Vinylidene Ligands in High-Valent Bis(phenolate) Tungsten Complexes. <i>Organometallics</i> , 2016, 35, 932-935.	1.1	10
78	Synthesis and Characterization of Paramagnetic Tungsten Imido Complexes Bearing \pm -Diimine Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 1446-1452.	1.9	27
79	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.	1.7	44
80	Pentacoordinated Carboxylate η^5 -Allyl Nickel Complexes as Key Intermediates for the Ni-Catalyzed Direct Amination of Allylic Alcohols. <i>Chemistry - A European Journal</i> , 2015, 21, 14571-14578.	1.7	66
81	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.	1.7	44
82	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.	7.2	66
83	Reduction of $(\text{Bu}^t)_2\text{NbCl}_3(\text{py})_2$ in a Salt-Free Manner for Generating Nb(IV) Dinuclear Complexes and Their Reactivity toward Benzo[c]cinnoline. <i>Inorganic Chemistry</i> , 2015, 54, 6004-6009.	1.9	27
84	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.	6.6	63
85	Synthesis of Alkyl and Alkylidene Complexes of Tungsten Bearing Imido and Redox-Active \pm -Diimine or <i>o</i> -Iminoquinone Ligands and Their Application as Catalysts for Ring-Opening Metathesis Polymerization of Norbornene. <i>Organometallics</i> , 2015, 34, 731-741.	1.1	14
86	Gold-Catalyzed Carbenoid Transfer Reactions of Dienes – Pinacol Rearrangement versus Retro-Buchner Reaction. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 775-781.	2.1	44
87	Enhancing Effects of Salt Formation on Catalytic Activity and Enantioselectivity for Asymmetric Hydrogenation of Isoquinolinium Salts by Dinuclear Halide-Bridged Iridium Complexes Bearing Chiral Diphosphine Ligands. <i>Chemistry - A European Journal</i> , 2015, 21, 1915-1927.	1.7	42
88	Asymmetric hydrogenation of quinazolinium salts catalysed by halide-bridged dinuclear iridium complexes bearing chiral diphosphine ligands. <i>Chemical Communications</i> , 2015, 51, 4380-4382.	2.2	28
89	2,2'-Bipyridyl formation from 2-arylpyridines through bimetallic diyttrium intermediate. <i>Chemical Science</i> , 2015, 6, 5394-5399.	3.7	20
90	Organomagnesium-Catalyzed Isomerization of Terminal Alkynes to Allenes and Internal Alkynes. <i>Chemistry - A European Journal</i> , 2015, 21, 8112-8120.	1.7	22

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91	Manganese(II)-Catalyzed Esterification of N- β -Hydroxyethyl Amides. <i>Synlett</i> , 2015, 26, 1831-1834.	1.0	15
92	Mixed-ligand complexes of paddlewheel dinuclear molybdenum as hydrodehalogenation catalysts for polyhaloalkanes. <i>Chemical Science</i> , 2015, 6, 3434-3439.	3.7	22
93	Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2015, 73, 873-877.		
94	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.	6.6	129
95	Supramolecular assemblies of multi-nuclear transition metal complexes: Synthesis and redox properties. <i>Coordination Chemistry Reviews</i> , 2014, 265, 38-51.	9.5	39
96	Transition-metal clusters as catalysts for chemoselective transesterification of alcohols in the presence of amines. <i>Pure and Applied Chemistry</i> , 2014, 86, 335-343.	0.9	10
97	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.	7.2	48
98	Direct functionalization of unactivated C-H bonds catalyzed by group 3 metal alkyl complexes. <i>Dalton Transactions</i> , 2014, 43, 2331-2343.	1.6	71
99	Additive Effects on Asymmetric Hydrogenation of N-Heteroaromatics. <i>Heterocycles</i> , 2014, 88, 103.	0.4	35
100	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.	2.2	48
101	Iridium-catalyzed Asymmetric Hydrogenation of Pyridinium Salts for Constructing Multiple Stereogenic Centers on Piperidines. <i>Chemistry Letters</i> , 2014, 43, 284-286.	0.7	52
102	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.	1.0	5
103	Hemilabile <i>N</i> -Xylyl- <i>N</i> - ϵ -methylperimidine Carbene Iridium Complexes as Catalysts for C-H 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.	6.6	105
104	Combined Catalytic System of Scandium Triflate and Boronic Ester for Amide Bond Cleavage. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3391-3395.	2.1	36
105	Isospecific polymerization of 1-hexene by <i>C</i> ₁ -symmetric half-metallocene dimethyl complexes of group 4 metals with bidentate <i>N</i> -substituted iminomethylpyrrolyl ligands. <i>Dalton Transactions</i> , 2013, 42, 9120-9128.	1.6	10
106	Reaction of [η -1: η -5-(Me ₂ NCH ₂ CH ₂)C ₂ B ₉ H ₁₀]TaMe ₃ with aryl isocyanides: tantalum-carborane-mediated facile cleavage of C-N multiple bonds. <i>Chemical Communications</i> , 2013, 49, 9039.	2.2	17
107	Tetraplatinum cluster complexes bearing hydrophilic anchors as precursors for γ -Al ₂ O ₃ -supported platinum nanoparticles. <i>Dalton Transactions</i> , 2013, 42, 12662.	1.6	6
108	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.	1.6	15

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109	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.	6.6	55
110	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.	6.6	64
111	Rh-Catalyzed Direct Enantioselective Alkynylation of α -Ketimoesters. <i>Chemistry - A European Journal</i> , 2013, 19, 8417-8420.	1.7	85
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215	Convenient synthesis of anionic dinuclear ruthenium(II) complexes [NR ₂ H ₂][{RuCl(diphosphine)} ₂ (η^4 -Cl) ₃] [diphosphine = 2,2 η^2 -bis(diphenylphosphino)-1,1 η^2 -binaphthyl, 2,2 η^2 -bis(di(p-tolyl)phosphino)-1,1 η^2 -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.	0.8	35
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307	1,3-Diene complexes of zirconium and hafnium prepared by the reaction of enediylmagnesium with MCl_2Cp_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.	1.1	163
308	X-Ray evidence for a mononuclear s-trans-1,3-diene complex; molecular structure of $Zr(\eta^5-C_5H_5)_2(s\text{-trans-PhCH=CH-CH=CHPh})$. <i>Journal of the Chemical Society Chemical Communications</i> , 1982, , 191-192.	2.0	29
309	1H -NMR EVIDENCE FOR 1,4-DIENE COORDINATION STRUCTURE OF $ZrCp_2(C_4H_6)$ AND HAFNACYCLO-3-PENTENE STRUCTURE OF $HfCp_2(C_4H_6)$ IN SOLUTION. <i>Chemistry Letters</i> , 1981, 10, 519-522.	0.7	26
310	REGIOSELECTIVE ADDITION OF CARBONYL COMPOUNDS TO ISOPRENE COORDINATED TO Zr. <i>Chemistry Letters</i> , 1981, 10, 671-674.	0.7	29
311	REGIOSELECTIVE CARBON-CARBON BOND FORMATION BY REACTION OF Zr-ISOPRENE COMPLEX WITH ALKENES, ALKYNES AND ALKADIENES. <i>Chemistry Letters</i> , 1981, 10, 719-722.	0.7	25