Masafumi Hirano

List of Publications by Year
in descending order

141 papers	2,390 citations	236925 25 h-index	330143 37 g-index
146 all docs	146 docs citations	146 times ranked	1629 citing authors

#	Article	IF	Citations
1	Ruthenium-catalyzed aldol and Michael reactions of nitriles. Carbon-carbon bond formation by .alpha.-C-H activation of nitriles.. Journal of the American Chemical Society, 1995, 117, 12436-12451.	13.7	187
2	Synthesis, structure and reactions of a dinitrogen complex of iron(0), [Fe(N2)(depe)2] (depeâ€...=â€...Et2PCH2CH2PEt2). Journal of the Chemical Society Dalton Transactions, 1997, , 3453-3458.	1.1	60
3	Activation of Coordinated Carbon Dioxide in Fe(CO2)(depe)2by Group 14 Electrophiles. Organometallics, 1997, 16, 4206-4213.	2.3	48
4	Recent Advances in the Catalytic Linear Cross-Dimerizations. ACS Catalysis, 2019, 9, 1408-1430.	11.2	46
5	Condensation reactions of benzaldehyde catalysed by gold alkoxides. Gold Bulletin, 1996, 29, 131-136.	2.7	44
6	Câ€“S, Câ€“H, and Nâ€“H bond cleavage of heterocycles by a zero-valent iron complex, Fe(N2)(depe)2 [depe=1,2-bis(diethylphosphino)ethane]. Inorganica Chimica Acta, 1999, 291, 341-354.	2.4	43
7	Isolation of trans-2,5-Bis(methoxycarbonyl)ruthenacyclopentane by Oxidative Coupling of Methyl Acrylate on Ruthenium(0) as an Active Intermediate for Tail-to-Tail Selective Catalytic Dimerization. Organometallics, 2009, 28, 4902-4905.	2.3	41
8	Crystal and Solution Structures of Photochromic Spirobenzothiopyran. First Full Characterization of the Meta-Stable Colored Species. Journal of Organic Chemistry, 2002, 67, 533-540.	3.2	40
9	Synthesis, structure and reactions of a carbon dioxide complex of iron(0) containing 1,2-bis(diethylphosphino)ethane ligands. Journal of the Chemical Society Chemical Communications, 1994, , 1115.	2.0	39
10	Oxidative coupling reactions at ruthenium(0) and their applications to catalytic homo- and cross-dimerizationsÂ¶. Coordination Chemistry Reviews, 2016, 314, 182-200.	18.8	39
11	Successive Oâˆ'C/Oâˆ'H and sp3Câˆ'H Bond Activation oforthoSubstituents in Allyl Phenyl Ethers and Phenols by a Ruthenium(0) Complex. Organometallics, 1998, 17, 501-503.	2.3	38
12	Water-soluble iridium and rhodium complexes with tris(hydroxymethyl)phosphine and their catalysis in biphasic hydrogenation and hydroformylation. Chemical Communications, 1999, , 489-490.	4.1	38
13	Markovnikov-Selective Hydrosilylation of Electron-Deficient Alkenes with Arylsilanes Catalyzed by Mono(phosphine)palladium(0). Organometallics, 2015, 34, 432-437.	2.3	38
14	Recent advances of achiral and chiral diene ligands in transition-metal catalyses. Tetrahedron Letters, 2019, 60, 150924.	1.4	38
15	Cî—¸Si bond cleavage of trihalomethyltrimethylsilane by alkoxo- and aryloxogold or -copper complexes. Inorganica Chimica Acta, 2000, 309, 151-154.	2.4	37
16	Enhancement of CO Insertion into a Pdâˆ'C Bond in a Pdâˆ'Co Heterodinuclear Complex. Organometallics, 2001, 20, 2065-2075.	2.3	36
17	Michael reactions promoted by Î·1-O-enolatoruthenium(II) complexes derived from Ru(cod)(cot), diphosphine, and dimethyl malonate. Tetrahedron Letters, 1998, 39, 5209-5212.	1.4	34
18	Regio- and Stereoselective Insertion Reactions of Thiiranes into Ptâˆ'Mn (or Re) Bond in Organoplatinumâˆ'Manganese or â€'Rhenium Heterodinuclear Complexes as Intermediates toward Desulfurization Reaction. Journal of the American Chemical Society, 2000, 122, 170-171.	13.7	32

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19	Catalytic synthesis of thiobutyrolactones via CO insertion into the Câ€“S bond of thietanes in the presence of a heterodinuclear organoplatinumâ€“cobalt complex. Chemical Communications, 2003, , 2046-2047.	4.1	32
20	Catalytic Tail-to-Tail Selective Dimerization of Methyl Methacrylate Promoted by a Ruthenium(0) Complex. Organometallics, 2010, 29, 3690-3693.	2.3	29
21	Regio- and Enantioselective Linear Cross-Dimerizations between Conjugated Dienes and Acrylates Catalyzed by New Ru(0) Complexes. Organometallics, 2014, 33, 6604-6613.	2.3	29
22	Homogeneous Bimetallic Catalysts for Production of Carboxylic Acids from Carbon Dioxide, Hydrogen, and Organic Iodides. Chemistry Letters, 1995, 24, 567-568.	1.3	28
23	Tail-to-Tail Dimerization of Acrylonitrile Catalyzed by Low-Valent Ruthenium Complexes. Bulletin of the Chemical Society of Japan, 1998, 71, 1409-1415.	3.2	28
24	Selective Allylation of Arenethiols Using Water-soluble Palladium Complex Catalyst in Recyclable Water/Hexane Biphasic Media. Chemistry Letters, 2005, 34, 246-247.	1.3	28
25	Asymmetric Cross-Dimerization between Methyl Methacrylate and Substituted Alkene by Ru(0)â€“Bicyclononadiene Complex. Organic Letters, 2013, 15, 2486-2489.	4.6	28
26	Câ€“O and Câ€“S bond activation of allyl esters, ethers, and sulfides by low valent ruthenium complexes. Journal of Molecular Catalysis A, 1999, 147, 137-154.	4.8	25
27	Enhancement ofÎ²-Hydrogen Elimination Reaction on Platinum-containing Heterodinuclear Complexes. Chemistry Letters, 1997, 26, 329-330.	1.3	24
28	Synthesis, structure and reactivity of an (Î·6-naphthalene)iron(0) complex having a 1,2-bis(dicyclohexylphosphino)ethane ligand. Journal of Organometallic Chemistry, 1998, 556, 89-95.	1.8	24
29	Carbonâ€“oxygen and carbonâ€“sulfur bond activation of vinyl esters, ethers and sulfides by low valent ruthenium complexesâ€Šâ€. Dalton Transactions RSC, 2000, , 2613-2625.	2.3	24
30	Insertion of CO into a CH3-Pd Bond in a Heterodinuclear Complex (dpe)MePd-Co(CO)4. Preferential Insertion of Coordinated CO on a Cobalt Moiety. Chemistry Letters, 1997, 26, 377-378.	1.3	23
31	Hydrogen Transfer in Pt-Mo Heterodinuclear Hydride Complexes Promoted by Alkynes. Chemistry Letters, 1998, 27, 29-30.	1.3	23
32	Bond activation by low valent ruthenium complexes. Dalton Transactions, 2003, , 1439-1453.	3.3	23
33	Enhanced Câ^'C Bond Formation of Heterodinuclear Methylplatinumâ^'Molybdenum Complexes Having a Hemilabile Ligand with Dialkyl Acetylenedicarboxylate. Organometallics, 2004, 23, 44-53.	2.3	23
34	Palladium-Assisted Regioselective Olefin Insertion into and Î²-Hydrogen Elimination of Hydrogenâ^'Molybdenum and â^'Tungsten Bonds. Synthesis and Reactions of Heterodinuclear Hydrido Complexes of Palladium and Platinum with Molybdenum and Tungsten. Organometallics, 2006, 25, 311-314.	2.3	23
35	Synthesis and Reactions of Heterodinuclear Organoplatinum Complexes Having an Unsymmetrical PN Ligand. Organometallics, 2003, 22, 4238-4247.	2.3	22
36	Stoichiometric Regio- and Stereoselective Oxidative Coupling Reactions of Conjugated Dienes with Ruthenium(0). A Mechanistic Insight into the Origin of Selectivity. Organometallics, 2011, 30, 768-777.	2.3	22

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37	Ru(0)-Catalyzed Direct Coupling of Internal Alkynes with Conjugated Dienes: An Efficient Access to Conjugated Trienes. Organometallics, 2016, 35, 4033-4043.	2.3	22
38	Synthesis of organo(siloxo)platinum and -palladium complexes and preparation of supported nanoclusters by facile ligand reduction. Inorganica Chimica Acta, 1999, 294, 266-274.	2.4	21
39	Synthesis of hydridoplatinumâ€“molybdenum (or tungsten) heterodinuclear complexes by Î²-hydrogen elimination of (dppe)EtPtâ€“MCp(CO)3. Selective hydride transfer from Pt to Mo (or W). Journal of Molecular Catalysis A, 2000, 159, 63-70.	4.8	21
40	Oxidative Addition of Organocobalt(I) and -molybdenum(II) Complexes to Palladium(0) Complexes To Give Heterodinuclear Organometallic Complexes. Organometallics, 2000, 19, 5251-5253.	2.3	21
41	Copolymerization of Aziridines and Carbon Monoxide Catalyzed by a Heterodinuclear Organopalladinumâ€“Cobalt Complex. Chemistry Letters, 2004, 33, 858-859.	1.3	21
42	Stoichiometric and Catalytic sp3 C-H/D2 Exchange Reactions of ortho-Substituted Benzenethiol and Phenols by a Ruthenium(II) Complex. Effect of a Chalcogen Anchor on the Bond Cleavage Reaction. Organometallics, 2005, 24, 4799-4809.	2.3	21
43	Ligand-Controlled Regiodivergent Hydrosilylation of Conjugated Dienes Catalyzed by Mono(phosphine)palladium(0) Complexes. Organometallics, 2020, 39, 4510-4524.	2.3	21
44	Cî—¸O bond cleavage and oxidative addition of allyl carboxylate to ruthenium(0) complex. Isolation of (Ï€-allyl)(trifluoroacetato)tris(triethylphosphine)ruthenium(II). Journal of Organometallic Chemistry, 1994, 471, C6-C7.	1.8	20
45	Successive Oî—¸H and sp3 Cî—¸H bond activation of ortho-substituted phenols by a ruthenium(0) complex. Journal of Organometallic Chemistry, 2000, 607, 18-26.	1.8	20
46	Synthesis of and Stereospecific Hydride Migration in Cationic (Tricyclic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (arene)(cyclooctac	2.3	20
47	Dehydrogenative Formation of a (Î·4-Enone)ruthenium(0) Complex as a Key Intermediate in the Catalytic Isomerization of Allylic Alcohol to Ketone. Organometallics, 2005, 24, 1059-1061.	2.3	20
48	Synthesis of Novel Rhenium(I) Enolate Complexes as Active Key Intermediates in the Catalytic Aldol Type Reaction. Chemistry Letters, 1993, 22, 2057-2060.	1.3	19
49	Selective Isomerization of 2-Allylphenol to (Z)-2-Propenylphenol Catalyzed by Ru(cod)(cot)/PEt3. Chemistry Letters, 1999, 28, 441-442.	1.3	19
50	Mechanistic insights into catalytic linear cross-dimerization between conjugated dienes and styrenes by a ruthenium(0) complex. Journal of Organometallic Chemistry, 2015, 797, 174-184.	1.8	19
51	Synthesis and Photochemical Properties of Novel Spirobenzoselenazolinobenzopyrans. Chemistry Letters, 1991, 20, 1873-1876.	1.3	18
52	Synthesis and Metastable Structure of New Photochromic Spiroindolinobenzothiopyrans. Chemistry Letters, 1991, 20, 209-212.	1.3	18
53	Michael addition of N-bonded enolato ligands to acrylonitrile in iron and ruthenium complexes. Chemical Communications, 2000, , 1679-1680.	4.1	18
54	Ligand Displacement Reaction of Ru(Î·4-1,5-COD)(Î·6-1,3,5-COT) with Lewis Bases. Organometallics, 2003, 22, 2378-2386.	2.3	18

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55	Carbonâ€“Hydrogen Bond Cleavage Reaction in Four-Coordinate (2,6-Dimethylbenzenethiolato)platinum(II) Complexes. Dramatic Acceleration by Thiolato Hydrogen Acceptor. Organometallics, 2011, 30, 5110-5122.	2.3	18
56	C-S Bond Cleavage of Allyl Thioethers by Zerovalent Ru Complexes. Chemistry Letters, 1998, 27, 123-124.	1.3	17
57	Versatile Coordination Modes and Transformations of the Cyclooctatriene Ligand in Ru(C8H10)L3 (L =) Tj ETQq1 1 0.784314 rgBT /Ov	2.3	17
58	Synthesis of di-, tri-, tetra- and pentacyclic arene complexes of ruthenium(II):[Ru(Î·6-polycyclic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Chemistry, 2007, 692, 2385-2394.	1.8	17
59	N-bonded enolatorhenium(I) complexes having dimethylphenylphosphine ligands as active key intermediates in catalytic Knoevenagel and Michael reactions. Journal of Organometallic Chemistry, 1998, 569, 3-14.	1.8	16
60	Synthesis of N-bonded enolatoruthenium(II) by oxidative addition of alkyl cyanocarboxylate to a ruthenium(0) complex. Journal of the Chemical Society Dalton Transactions, 1999, , 3209-3216.	1.1	16
61	Regioselective Cî—¸H or Nî—¸H bond cleavage reactions of heterocyclic compounds by [Ru(1,5-COD)(1,3,5-COT)]/monodentate phosphine. Inorganica Chimica Acta, 2003, 352, 160-170.	2.4	16
62	Carbonâ^'Oxygen and Carbonâ^'Hydrogen Bond Cleavage Reactions ofortho-Substituted Phenols by Ruthenium(II) Complexes. Organometallics, 2007, 26, 2005-2016.	2.3	16
63	Stoichiometric and Catalytic Cross Dimerization between Conjugated Dienes and Conjugated Carbonyls by a Ruthenium(0) Complex: Straightforward Access to Unsaturated Carbonyl Compounds by an Oxidative Coupling Mechanism. Organometallics, 2012, 31, 4006-4019.	2.3	16
64	Synthesis of conjugated diene complexes of ruthenium(0) derived from Ru(Î·6-naphthalene)(Î·4-1,5-COD): Z to E isomerisation of coordinated 1,3-pentadiene. Journal of Organometallic Chemistry, 2012, 708-709, 46-57.	1.8	16
65	Regioselective 1,2-insertion of Ru into the Câ€“S bond in 3-substituted thiophenes. Chemical Communications, 1999, , 1793-1794.	4.1	15
66	Stoichiometric Cï£¿H Bond Cleavage Reaction in a Bis(carboxylato)ruthenium(II) Complex and Its Application to the Catalytic Hâ€“D Exchange Reaction of Carboxylic Acids. ChemCatChem, 2013, 5, 1101-1115.	3.7	15
67	Synthesis and Diastereoselective Structural Change of a Photochromic Transition Metal Complex, (Î·6-Spirobenzopyran)(tricarbonyl)chromium. Chemistry Letters, 1997, 26, 965-966.	1.3	14
68	Unexpected Ligand Displacement of Ru(cod)(cot) with Trimethylphosphine to Givefac-Ru(6-Î·1:1-3-Î·3-C8H10)(PMe3)3. Chemistry Letters, 1997, 26, 297-298.	1.3	14
69	Synthesis and reactions of heterodinuclear organopalladiumâ€“cobalt complexes acting as copolymerization catalyst for aziridine and carbon monoxide. Journal of Organometallic Chemistry, 2007, 692, 26-35.	1.8	14
70	Prostereogenic Face and Orientation Selective Oxidative Coupling Reaction between Methyl Methacrylate and 2,5-Dihydrofuran Catalyzed by a Ruthenium(0) Compound. Organometallics, 2011, 30, 1307-1310.	2.3	14
71	Synthesis and structure of thiolato bridged Ptâ€“Ti heterobimetallic complexes with methyl group. Journal of Organometallic Chemistry, 1999, 572, 81-85.	1.8	13
72	Alkene and Alkyne Insertion into Hydrogen-Transition Metal Bonds Catalyzed by Palladium(0) Complex. Topics in Catalysis, 2014, 57, 960-966.	2.8	13

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73	Ru(0)-Catalyzed Straightforward Synthesis of Conjugated Tetraenes: An Approach using Two Internal Alkynes with 1,3-Butadiene. Organometallics, 2018, 37, 227-234.	2.3	13
74	La(<scp>iii</scp>)-Catalysed degradation of polyesters to monomersviatransesterifications. Chemical Communications, 2022, 58, 8141-8144.	4.1	13
75	Diode-laser susceptible photochromic polymers: synthesis and photochemical properties of poly(methyl methacrylate) with spirobenzothiopyrans as side-groups. Journal of Materials Chemistry, 1993, 3, 221.	6.7	12
76	Visible Light Enhanced Selective Reductive Elimination of a Methylmanganese Complex from a Heterodinuclear Dimethylphenyl(4,4â€²-di-tert-butyl-2,2â€²-bipyridine)platinumâ^'Pentacarbonylmanganese Complex. Organometallics, 2009, 28, 3608-3610.	2.3	12
77	Stoichiometric and Catalytic Cross Dimerization between Butadiene and Methyl Acrylate Promoted by a Ruthenium(0) Complex. Organometallics, 2010, 29, 5741-5743.	2.3	12
78	Stoichiometric Carbonâ€“Carbon Bond Forming Reaction of 1,3-Diene with 1,2-Diene in a Ruthenium(0) Complex. Organometallics, 2012, 31, 4639-4642.	2.3	12
79	Mechanistic Insights on Pd/Cu-Catalyzed Dehydrogenative Coupling of Dimethyl Phthalate. ACS Catalysis, 2018, 8, 5827-5841.	11.2	12
80	Synthesis andÎ²-Hydrogen Elimination of Water-Soluble Dialkylplatinum(II) Complexes in Water. Bulletin of the Chemical Society of Japan, 2003, 76, 183-188.	3.2	11
81	Direct Access to Fluorene by Successive Câ€“O/Câ€“H Bond Activations of 2-Phenylbenzyl Ester. Organometallics, 2014, 33, 1921-1924.	2.3	11
82	Catalytic cross-dimerisation giving reactive borylated polyenes toward cross-coupling. Chemical Communications, 2019, 55, 10527-10530.	4.1	11
83	Synthesis of Mono-, Di-, and Triruthenium(0) Complexes Having a Triphenylene Ligand. Organometallics, 2006, 25, 523-527.	2.3	10
84	Synthesis and structures of heterodinuclear organoplatinum(or -palladium)â€“molybdenum(or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 31 propionylplatinumâ€“tungsten complex having 1,2-bis(diphenylphosphino)ethane ligand. Inorganica Chimica Acta, 2006, 359, 3699-3708.	2.4	10
85	Carbonâ^'Hydrogen Bond Cleavage Reaction in 5-Coordinate Bis(2,6-dimethylbenzenethiolato)ruthenium(II) Complexes. Organometallics, 2010, 29, 3146-3159.	2.3	10
86	Regioselectivity Control by Added MeCN in Ru(0)-catalyzed Cross-dimerization of Internal Alkynes with Methyl Methacrylate. Chemistry Letters, 2017, 46, 1040-1043.	1.3	10
87	Hydrogen Abstraction from Transition Metal Hydrides by Gold Alkoxides Giving Gold-Containing Heterodinuclear Complexes. Chemistry Letters, 1997, 26, 981-982.	1.3	9
88	Ring opening reactions of thiiranes by alkoxo- and aryloxo-gold(I) complexes. Journal of the Chemical Society Dalton Transactions, 1999, , 4397-4406.	1.1	9
89	Enhanced Reductive Elimination of Dialkylgold(III) Complexes in Water. Chemistry Letters, 2005, 34, 1704-1705.	1.3	9
90	Acid-Promoted Hydrogen Migration in (2-Allylphenoxo)ruthenium(II) To Form an Î·3-Allyl Complex. Organometallics, 2008, 27, 3635-3638.	2.3	9

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91	Ru(0)-Catalyzed C3-Selective Cross-Dimerization of 2,5-Dihydrofuran with Conjugated Dienes. Organometallics, 2016, 35, 1343-1346.	2.3	9
92	Pd/Cu-Catalyzed Dehydrogenative Coupling of Dimethyl Phthalate: Synchrotron Radiation Sheds Light on the Cu Cycle Mechanism. ACS Catalysis, 2020, 10, 5909-5919.	11.2	9
93	Synthesis and Structure of Novel Organo(siloxo)platinum Complexes. Facile Reduction by Dihydrogen. Chemistry Letters, 1994, 23, 1641-1644.	1.3	8
94	Preferential Bond Activation of sp3Câ€“H over sp2Câ€“H inÎ±,Î²-Unsaturated Carboxylic Acids by Ruthenium Complex. Chemistry Letters, 2001, 30, 1284-1285.	1.3	8
95	Synthesis, Structure, and Fluxional Behavior of Î²1-O-Enolatoiron(II) Complexes Derived from 1,3-Dicarbonyl Compounds. Chemistry Letters, 2005, 34, 498-499.	1.3	8
96	Synthesis and reactions of heterodinuclear organopalladium complex having an unsymmetrical PN ligand. Journal of Organometallic Chemistry, 2007, 692, 4486-4494.	1.8	8
97	Cross-dimerisation between different cisoid- and transoid-1,3-dienes at a ruthenium(0) centre. New Journal of Chemistry, 2013, 37, 3433.	2.8	8
98	New strategy for synthesising conjugated hexatrienylferrocenesviacross-dimerisation. New Journal of Chemistry, 2021, 45, 14988-14998.	2.8	8
99	Ru(0)-Catalyzed Synthesis of Borylated-Conjugated Triene Building Blocks by Cross-Dimerization and Their Use in Cross-Coupling Reactions. Bulletin of the Chemical Society of Japan, 2021, 94, 2113-2132.	3.2	8
100	Negative Photochromic Polymers. Synthesis and Photochemical Properties of Poly(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td 501-504.	1.3	7
101	Polymerization of Alkyl Methacrylate Catalyzed by Hydridorhenium Complexes. Chemistry Letters, 1999, 28, 347-348.	1.3	7
102	Synthesis of Heterodinuclear (Carbene)platinum (or palladium) Complex That Gives Î¼-Alkenyl-Type Complex by Deprotonation. Organometallics, 2009, 28, 5368-5381.	2.3	7
103	Reaction of an oxaruthenacycle with DMAD. Stoichiometric transformations of 2,6-xylenol to allylic phenols and benzopyrans via sp3 Câ€“H bond cleavage reaction. Dalton Transactions, 2009, , 3270.	3.3	7
104	In Situ Routes to Catalytically Active Ru(0) Species by Reduction of Readily Available, Air-Stable Precursors. Organometallics, 2018, 37, 1092-1102.	2.3	7
105	An insight into regioselectivity in the transformation through a ruthenacycle. New Journal of Chemistry, 2020, 44, 2129-2145.	2.8	7
106	E-Selective Allyl Transfer Reaction in a Î¼-Î·¹:Î·²-Crotylplatinumâ^'Cobalt Complex. Organometallics, 2008, 27, 2145-2148.	2.3	6
107	Branch selective allylation of acetylacetone catalyzed by Water-soluble rhodium complex catalyst. Journal of Organometallic Chemistry, 2011, 696, 1927-1930.	1.8	6
108	Stereoselective thiirane desulfurization controlled by a bridging or terminal acyl ligand: Concerted vs. SN2 pathways. Journal of Organometallic Chemistry, 2013, 739, 6-10.	1.8	6

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109	Synthesis of and catalytic nitrile hydration by a cationic tris(Î¼-hydroxo)diruthenium(II) complex having PMe3 ligands. Polyhedron, 2016, 120, 3-10.	2.2	6
110	E-Selective dimerization of phenylacetylene catalyzed by cationic tris(Î¼-hydroxo)diruthenium(II) complex and the mechanistic insight: The role of two ruthenium centers in catalysis. Journal of Molecular Catalysis A, 2017, 426, 419-428.	4.8	6
111	Synthesis and Ligand Exchange Control of Ru(Î·2-C2H3YPh)(cod)(depe) (Y = O, S). Chemistry Letters, 1999, 28, 953-954.	1.3	5
112	Synthesis and Reactions of Water-soluble Diorganoplatinum(II) Complexes. Chemistry Letters, 2002, 31, 72-73.	1.3	5
113	Synthesis and organic group transfer of organodiplatinum complex with a 1,2-bis(diphenylphosphino)ethane ligand. Canadian Journal of Chemistry, 2009, 87, 176-182.	1.1	5
114	Synthesis of and Catalytic Linear Cross-Dimerizations by an Electron-Deficient Cyclic Diene Complex of Ruthenium(0). Organometallics, 2018, 37, 4173-4176.	2.3	5
115	Novel Catalytic Metathesis of Substituted Olefins Promoted by Rhenium(I) Enolate Complexes. Chemistry Letters, 1994, 23, 165-166.	1.3	4
116	Synthesis and reactivity of organoplatinui-rhenium heterobimetallic complexes having sulfur ligands. Journal of Molecular Catalysis A, 1996, 107, 323-328.	4.8	4
117	Activation of Substrates with Polar Single Bonds. Current Methods in Inorganic Chemistry, 2003, , 115-186.	0.9	4
118	Mechanical Stirring Speed in Water/Hexane Biphasic Catalyst Controls Regioselectivity of Pd-catalyzed Allylation Reaction. Chemistry Letters, 2008, 37, 640-641.	1.3	4
119	Acid-Promoted sp³ Câ€“H Bond Cleavage in a Series of (2-Allylphenoxo)ruthenium(II) Complexes. Mechanistic Insight into the Aryloxoâ€“Acid Interaction and Bond Cleavage Reaction. Organometallics, 2012, 31, 381-393.	2.3	4
120	Stoichiometric formation of conjugated dienyl ketones from 1,3-dienes and ketenes at a ruthenium(0) centre. New Journal of Chemistry, 2014, 38, 5052-5057.	2.8	4
121	Multiple Câ€“H Bond Cleavage of the Alkyl Group in (2,6-Dialkylphenoxo)ruthenium(II) Complexes. Organometallics, 2014, 33, 1235-1244.	2.3	4
122	Selective Alkene Insertion into Inert Hydrogenâ€“Metal Bonds Catalyzed by Mono(phosphorus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	2.3	4
123	Ru(0)-catalyzed C3-selective Coupling Reactions of Unsaturated 5-Membered Heterocycles with Methyl Methacrylate and Methacryl Amide. Chemistry Letters, 2017, 46, 1522-1524.	1.3	4
124	Dibenzo[d,dâ€²]benzo[2,1-b:3,4-bâ€²]difurans with extended Ï€-conjugated chains: synthetic approaches and properties. New Journal of Chemistry, 2022, 46, 1003-1017.	2.8	4
125	Cross-Dimerization of 2,5-Dihydrofuran with Conjugated Dienes Catalyzed by (Chiral) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1 3370-3388.	2.3	3
126	Ru(0)-Catalyzed Synthesis of Conjugated Iminotrienes and Subsequent Intramolecular Cyclization Giving Polysubstituted Pyrroles. Organic Letters, 2022, 24, 2973-2977.	4.6	3

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127	Effect of Pt Precursors on N2/N2O Selectivity for Selective Reduction of NO by Hydrocarbon on Supported Pt Catalysts. Chemistry Letters, 1999, 28, 515-516.	1.3	2
128	Title is missing!. Journal of Materials Science Letters, 2001, 20, 743-744.	0.5	2
129	Ruthenium-Catalyzed Bond Cleavage Reactions. , 2005, , 345-366.		2
130	Synthesis of heterodinuclear rutheniumâ€“manganese complex having Î¼-benzylidene ligand. Journal of Organometallic Chemistry, 2011, 696, 632-635.	1.8	2
131	Synthesis of heterodinuclear hydride complexes by oxidative addition of a transition-metal hydride to Pt(0) and Pd(0) complexes. Journal of Organometallic Chemistry, 2015, 792, 194-205.	1.8	2
132	Selective Bond Cleavage Reactions by Low-valent Ruthenium Complexes.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2002, 60, 1148-1157.	0.1	1
133	Markovnikov-Selective Hydrometallation Catalyzed by Mono (phosphine) palladium (0) Complexes: Synthesis and Reactivity of Heterodinuclear Hydridopalladium Intermediate. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2015, 73, 616-631.	0.1	1
134	Ru(0)-Catalyzed Regioselective Synthesis of Borylated-1,4- and -1,5-Diene Building Blocks. Organometallics, 2022, 41, 390-411.	2.3	1
135	An Organometallic approarch to synergistic effect in catalysis; synthesis and reactions of heterodinuclear organotransition metal complexes. Studies in Surface Science and Catalysis, 1999, , 133-138.	1.5	0
136	Selective Bond Cleavage Reactions by Low-Valent Ruthenium Complexes. ChemInform, 2003, 34, no.	0.0	0
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