

Hiroyuki Matsuzaka

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Metal-metal multiple bond formation induced by π -acceptor Lewis acid ligands. <i>Chemical Communications</i> , 2021, 57, 923-926.	2.2	1
2	Synthesis, Structure, and Bonding Properties of Hypercoordinate Triorganotin Compounds Featuring Three O \rightarrow Sn Interactions. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2539-2545.	1.0	2
3	Tin-Ruthenium Cooperative Catalyst for Disproportionation of Formic Acid to Methanol. <i>ACS Catalysis</i> , 2021, 11, 7460-7466.	5.5	8
4	Linear Hydrocarbon Chain Growth from a Molecular Diruthenium Carbide Platform. <i>Journal of the American Chemical Society</i> , 2021, 143, 16105-16112.	6.6	12
5	Pd/Ni-Catalyzed Germa-Suzuki coupling via dual Ge-F bond activation. <i>Chemical Communications</i> , 2021, 57, 5004-5007.	2.2	15
6	Linear Carbon Chain Growth Reactions of Ruthenium Carbide Complexes. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2021, 79, 1136-1143.	0.0	0
7	Fluorosilane Activation by Pd/Ni-F Lewis Acid Interaction: An Entry to Catalytic Sila-Negishi Coupling. <i>Journal of the American Chemical Society</i> , 2020, 142, 14039-14044.	6.6	33
8	Experimental and Theoretical Investigation of an S _N 2-type Pathway for Borate-Fluorine Bond Cleavage by Electron-Rich Late-Transition Metal Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 4282-4291.	1.9	6
9	Parent Cyclopentadienyl Ruthenium(II) Chloride Synthone: Derivatization to CpRu Amido, Imido, and Oxo Complexes. <i>Organometallics</i> , 2019, 38, 4298-4306.	1.1	19
10	Palladium-Borane Cooperation: Evidence for an Anionic Pathway and Its Application to Catalytic Hydrodechlorination. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18783-18787.	7.2	48
11	Palladium-Borane Cooperation: Evidence for an Anionic Pathway and Its Application to Catalytic Hydrodechlorination. <i>Angewandte Chemie</i> , 2019, 131, 18959-18963.	1.6	11
12	Bis(bipyridine) ruthenium(ii) bis(phosphido) metalloligand: synthesis of heterometallic complexes and application to catalytic (E)-selective alkyne semi-hydrogenation. <i>Dalton Transactions</i> , 2019, 48, 1161-1165.	1.6	11
13	Innentitelbild: Palladium-Borane Cooperation: Evidence for an Anionic Pathway and Its Application to Catalytic Hydrodechlorination (<i>Angew. Chem.</i> 52/2019). <i>Angewandte Chemie</i> , 2019, 131, 18894-18894.	1.6	0
14	Recent topics on catalytic transformations of aromatic molecules via η^6 -arene transition metal complexes. <i>Tetrahedron Letters</i> , 2018, 59, 697-703.	0.7	18
15	Anionic Trinuclear Iridium(I) Oxo Complex: Synthesis and Reactivity as a Metal-Centered π -Donor Ligand to Gold(I) and Silver(I). <i>Organometallics</i> , 2018, 37, 1591-1597.	1.1	2
16	Iridium Hydride Mediated Stannane-Fluorine and Chlorine π -Bond Activation: Reversible Switching between X-Type Stannyl and Z-Type Stannane Ligands. <i>Organometallics</i> , 2017, 36, 2096-2106.	1.1	14
17	Diruthenium Carbido Complexes as N-Heterocyclic Carbene Like C-Donor Ligands to Group 11 Metals. <i>Organometallics</i> , 2017, 36, 3686-3691.	1.1	28
18	Metal-ligand cooperative activation of element-hydrogen bonds (element = C, N, O, Cl, B) on a dinuclear ruthenium bridging imido complex. <i>Journal of Organometallic Chemistry</i> , 2016, 812, 158-166.	0.8	6

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19	Ruthenium-Sulfonamide-Catalyzed Direct Dehydrative Condensation of Benzylic C-H Bonds with Aromatic Aldehydes. <i>Journal of the American Chemical Society</i> , 2016, 138, 14836-14839.	6.6	40
20	Experimental and theoretical studies of Si-Cl and Ge-Cl σ -bond activation reactions by iridium-hydride. <i>Dalton Transactions</i> , 2016, 45, 7570-7580.	1.6	34
21	Transition-Metal-Mediated Germanium-Fluorine Activation: Inverse Electron Flow in σ -Bond Metathesis. <i>Organometallics</i> , 2016, 35, 713-719.	1.1	34
22	Aminolysis of $[\text{Cp}^*\text{Ru}(\eta^4\text{-OEt})]_2$ ($\text{Cp}^* = \text{C}_5\text{Me}_5$) with sulfonamides: Synthesis of neutral, zwitterionic, and anionic Cp^*Ru terminal sulfonamido complexes. <i>Journal of Organometallic Chemistry</i> , 2016, 808, 97-103.	0.8	6
23	Synthesis and reactivity of dinuclear Cp^*Ru tert-butylamido and cyclometallated Bis(trimethylsilyl)amido complexes. <i>Journal of Organometallic Chemistry</i> , 2015, 797, 60-66.	0.8	8
24	A Diruthenium η^4 -Carbido Complex That Shows Singlet-Carbene-like Reactivity. <i>Journal of the American Chemical Society</i> , 2014, 136, 15889-15892.	6.6	52
25	Synthesis and N-H Reductive Elimination Study of Dinuclear Ruthenium Imido Dihydride Complexes. <i>Journal of the American Chemical Society</i> , 2012, 134, 17027-17035.	6.6	15
26	Recent advances in the chemistry of ruthenium carbido complexes. <i>Coordination Chemistry Reviews</i> , 2012, 256, 574-588.	9.5	48
27	Synthesis and Reactivity of Coordinatively Unsaturated Dinuclear Ruthenium Bridging Imido Complexes. <i>Organometallics</i> , 2011, 30, 2160-2172.	1.1	27
28	Dinuclear Cp^*Co Amido and Alkoxo Complexes: Synthesis, Structures, and Reactivity. <i>Organometallics</i> , 2011, 30, 1013-1020.	1.1	4
29	New fluorene-substituted TTF derivatives as photofunctional materials. <i>Physica B: Condensed Matter</i> , 2010, 405, S12-S14.	1.3	8
30	Development of photofunctional materials using TTF derivatives containing a 1,3-benzothiazole ring. <i>Physica B: Condensed Matter</i> , 2010, 405, S15-S18.	1.3	15
31	Syntheses of organocatalysts with one-handed helix and their application to the kinetic resolution of second alcohol. <i>Research on Chemical Intermediates</i> , 2009, 35, 931-937.	1.3	1
32	A Bimetallic Ru_2Pt Complex Containing a Trigonal-Planar η^3 -Carbido Ligand: Formation, Structure, and Reactivity Relevant to the Fischer-Tropsch Process. <i>Journal of the American Chemical Society</i> , 2009, 131, 18026-18027.	6.6	40
33	Induction of one-handed helical oligo(p-benzamide)s by domino effect based on planar-axial-helical chirality relay. <i>Chemical Communications</i> , 2009, , 1201.	2.2	13
34	P-H Bond Addition to a Dinuclear Ruthenium Imido Complex: Synthesis and Reactivity of an Amido Phosphido Complex. <i>Organometallics</i> , 2008, 27, 1780-1785.	1.1	19
35	Divalent Dirhodium Imido Complexes: Formation, Structure, and Alkyne Cycloaddition Reactivity. <i>Journal of the American Chemical Society</i> , 2008, 130, 8904-8905.	6.6	25
36	Synthesis of Helicenes Utilizing Palladium-Catalyzed Double C-H Arylation Reaction. <i>Journal of Organic Chemistry</i> , 2007, 72, 7406-7408.	1.7	79

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37	Stereoselective Synthesis of Both Enantiomers of N-Aryl Indoles with Axially Chiral N ⁺ -C Bonds. <i>Journal of Organic Chemistry</i> , 2007, 72, 3394-3402.	1.7	69
38	Stereoselective tricarbonylchromium migration reactions in axially chiral biaryl chromium complexes. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 678-684.	0.8	5
39	Synthesis of Ru ^{II} -Pt and Ru ^{II} -Pd mixed-metal imido clusters from a diruthenium imido-methylene scaffold [(Cp* ₂ Ru) ₂ (μ ₂ -NPh)(μ ₂ -CH ₂)]. <i>Chemical Communications</i> , 2006, , 1328.	2.2	17
40	Diron Amido-Imido Complex [(Cp*Fe) ₂ (μ ₂ -NPh)(μ ₂ -NPh)]: Synthesis and a Net Hydrogen Atom Abstraction Reaction To Form a Bis(imido) Complex. <i>Inorganic Chemistry</i> , 2006, 45, 4871-4873.	1.9	22
41	Nickel-Catalyzed [3+1+1] Cycloaddition Reactions of Alkenyl Fischer Carbene Complexes with Methylene cyclopropanes. <i>Organic Letters</i> , 2006, 8, 4011-4014.	2.4	38
42	Stereoselective Synthesis of Axially Chiral N ⁺ -C Bonds in N-Aryl Indoles. <i>Organic Letters</i> , 2006, 8, 1097-1100.	2.4	66
43	Synthesis and Reactivity of a Dithiolate-Bridged Ruthenium-Rhodium Heterobimetallic Dihydride Complex. <i>Organometallics</i> , 2006, 25, 982-988.	1.1	27
44	Dinuclear ruthenium(II) catecholato and 2,3-naphthalenediolato complexes featuring μ ₂ -diaryloxo/μ ₂ -6-arene coordination mode. <i>Inorganica Chimica Acta</i> , 2006, 359, 912-916.	1.2	11
45	Stereoselective [3+2+2] cycloaddition utilizing optically active binuclear Fischer carbene complexes with alkynes. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 5922-5928.	0.8	16
46	Dinuclear Ruthenium(II) μ ₂ -Diamido/μ ₂ -6-Naphthalene Complexes Featuring a Coordinatively Unsaturated yet Highly π-Basic (1-5-C ₅ Me ₅)Ru Diamide Fragment. <i>Organometallics</i> , 2005, 24, 801-804.	1.1	24
47	Reactivity of Amido Ligands on a Dinuclear Ru(II) Center: Formation of Imido Complexes and C [≡] N Coupling Reaction with Alkyne. <i>Journal of the American Chemical Society</i> , 2004, 126, 10802-10803.	6.6	40
48	A Dinuclear Ruthenium(II) Chelating Amido Complex: Synthesis, Characterization, and Coupling Reaction with Carbon Monoxide. <i>Organometallics</i> , 2004, 23, 3587-3589.	1.1	20
49	Syntheses and physical properties of new charge-transfer salts consisting of a conducting BEDT-TTF column and magnetic 1D or 2D Fe(III) networks. <i>Synthetic Metals</i> , 2003, 133-134, 553-554.	2.1	5
50	Structure, magnetic and electronic properties of charge transfer complex containing hexacyanoferrate chain and bedt-ttf column. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 380, 117-122.	0.4	1
51	Physical Properties of Quasi-One-Dimensional Mixed-Metal and Mixed-Halogen Complexes, Ni _{1-x} Pd _x (CH ₂ N) ₂ Cl _y Br _{1-y} . <i>Molecular Crystals and Liquid Crystals</i> , 2002, 376, 165-170.	0.4	0
52	Crystal and Electronic Structures of Quasi-One-Dimensional Halogen-Bridged Binuclear Platinum Complexes, {(C _n H _{2n+1}) ₂ NH ₂ } ₄ [Pt ₂ (pop) ₄] _n (n=2-6). <i>Molecular Crystals and Liquid Crystals</i> , 2002, 376, 159-164.	0.4	5
53	Syntheses and Physical Properties of Complexes of Fullerene with Magnetic Metal Porphyrins. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 376, 13-18.	0.4	5
54	Electron spin resonance studies of Co(tbp)C ₆₀ single crystal. <i>Journal of Physics Condensed Matter</i> , 2002, 14, 3993-4000.	0.7	2

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55	Framework Engineering by Anions and Porous Functionalities of Cu(II)/4,4'-bpy Coordination Polymers. <i>Journal of the American Chemical Society</i> , 2002, 124, 2568-2583.	6.6	669
56	Syntheses and physical properties of quasi-one-dimensional chloro-bridged Ni-Pd mixed-metal MX-chain compounds, Ni _{1-x} Pd _x (chxn) ₂ Cl ₃ . <i>Synthetic Metals</i> , 2001, 116, 415-418.	2.1	12
57	Doping effect on MX-chain compound. <i>Synthetic Metals</i> , 2001, 120, 775-776.	2.1	0
58	Synthesis and physical properties of halogen-bridged Ni-Pd mixed-metal complexes, Ni _{1-x} Pd _x (chxn) ₂ XY ₂ . <i>Synthetic Metals</i> , 2001, 120, 925-926.	2.1	1
59	Intermolecular interaction of complexes with anti-formed metal octaethylporphyrins and C ₆₀ . <i>Synthetic Metals</i> , 2001, 121, 1165-1166.	2.1	2
60	Fullerene C ₆₀ exhibiting a strong intermolecular interaction in a cocrystallite with C ₄ symmetrical cobalt tetrakis(di-tert-butylphenyl)porphyrin. <i>Dalton Transactions RSC</i> , 2001, , 2975-2980.	2.3	23
61	Syntheses and Physical Properties of Quasi-One-Dimensional Halogen-Bridged CuI-PtIV Mixed-Metal Complexes [Cu(chxn) ₂][PtX ₂ (chxn) ₂] ₄ . <i>Inorganic Chemistry</i> , 2001, 40, 6651-6655.	1.9	6
62	Synthesis and crystal structure of cocrystallite with silver octaethylporphyrin and C[₇₀]. <i>AIP Conference Proceedings</i> , 2001, , .	0.3	1
63	Electronic structure of the Haldane gap system derived using DV-X α calculations. <i>Polyhedron</i> , 2001, 20, 1297-1304.	1.0	6
64	Syntheses and electronic structures of macrocyclic metal complexes with fullerene. <i>Inorganica Chimica Acta</i> , 2001, 317, 81-90.	1.2	26
65	Synthesis, structure and reactivities of the dinuclear μ_2 -1,6-arylethynyl ruthenium complexes [Cp(PR ₃) ₂ Ru(μ_2 -1,6-C \equiv CC ₆ H ₄ Me-p)RuCp*] \cdot Cl (R=Ph, Me; Cp=1-5-C ₅ H ₅ , Cp*=1-5-C ₅ Me ₅). The molecular structure of [Cp(PPh ₃) ₂ Ru(μ_2 -1,6-C \equiv CC ₆ H ₄ Me-p)RuCp*] \cdot PF ₆ . <i>Journal of Organometallic Chemistry</i> , 2001, 625, 133-139.	0.8	5
66	Haldane gap systems. <i>Coordination Chemistry Reviews</i> , 2000, 198, 347-366.	9.5	61
67	Reactions of cationic dirhodium and diiridium complexes [Cp*M(μ_2 -Cl)(μ_2 -SPri) ₂ MCp*][OTf] (M=Rh, Ir) with terminal alkynes. Comparison with the diruthenium system. <i>Journal of Organometallic Chemistry</i> , 2000, 599, 221-231.	0.8	18
68	Synthesis, structure, and reactivities of the Ru-Co heterobimetallic complex. Molecular structures of Cp*Ru(CO) ₂ (μ_2 -CO)Co(CO) ₃ , Cp*Ru(μ_2 -CO) ₂ (μ_2 -dppm)Co(CO) ₂ , Cp*Ru(CNBut)(CO)(μ_2 -CO)Co(CO) ₃ , and Cp*(CO)Ru(μ_2 -1,4-C \equiv C(Tol)CHC(Tol)CH) ₂ Co(CO) ₂ (Cp*=1-5-C ₅ Me ₅ , dppm=Ph ₂ PCH ₂ PPh ₂ , Tol=C ₆ H ₄ Me-4). <i>Journal of Organometallic Chemistry</i> , 2000, 596, 121-129.	0.8	15
69	Synthesis and Crystal Structure of [Cu(μ_2 -salicylidene-3-aminopyridine) ₂] _n Constructed from Unsymmetric Bridging Ligand with Two Dissimilar Metal-Binding Sites. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 342, 231-236.	0.3	3
70	Synthesis and Molecular Structure of the Amido-Bridged Dinuclear Rhodium Complex [Cp*Rh(μ_2 -NH) ₂ C ₁₀ H ₆ -2,3](μ_2 -Cl)RhCp*][PF ₆] ₆ (Cp* = 1-5-C ₅ Me ₅ , dppm=Ph ₂ PCH ₂ PPh ₂ , Tol=C ₆ H ₄ Me-4). <i>Molecular Crystals and Liquid Crystals</i> , 2000, 342, 1-6.	0.3	6
71	Haldane Gap System: Electronic Structures and Magnetic Properties. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 342, 309-318.	0.3	1
72	Preparation, Structure, and Reactivities of Amido-Bridged Dinuclear Rhodium(III) and Rhodium(II) Complexes. <i>Organometallics</i> , 2000, 19, 216-218.	1.1	18

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73	First syntheses of cocrystallites consisting of anti-formed metal octaethylporphyrins with fullerene C60. Dalton Transactions RSC, 2000, , 4407-4412.	2.3	42
74	Rational Synthesis of Stable Channel-Like Cavities with Methane Gas Adsorption Properties: $[\{Cu_2(pzdc)_2(L)\}_n]$ (pzdc=pyrazine-2,3-dicarboxylate; L=a Pillar Ligand). Angewandte Chemie - International Edition, 1999, 38, 140-143.	7.2	544
75	A New Anion-Trapping Radical Host, $[(Cu-dppe)_3\{\hat{C}(CN)_6\}]^{2+}$. Angewandte Chemie - International Edition, 1999, 38, 931-933.	7.2	53
76	New coordination network of $[Cd_2(bpob)_3(NO_3)_4]_n$ (bpob=1,4-bis(4-pyridoxy)benzene) constructed from two structural isomers of the ligand. Solid State Sciences, 1999, 1, 73-75.	0.8	6
77	Synthesis and crystal structure of a one-dimensional copper(I) polymer containing a bis-bidentate tetrathioether ligand. Synthetic Metals, 1999, 102, 1464-1465.	2.1	1
78	Preparation of Cationic Dinuclear Hydrido Complexes of Ruthenium, Rhodium, and Iridium with Bridging Thiolato Ligands and Their Reactions with Nitrosobenzene. Inorganic Chemistry, 1999, 38, 2851-2859.	1.9	49
79	Tuning of Charge Density Wave Strengths by Competition between Electron-Phonon Interaction of $PdII\hat{P}dIV$ Mixed-Valence States and Electron Correlation of $NiIII$ States in Quasi-One-Dimensional Bromo-Bridged $Ni\hat{P}d$ Mixed-Metal MX Chain Compounds $Ni_{1-x}Pdx(chxn)_2Br_3$. Inorganic Chemistry, 1999, 38, 5124-5130.	1.9	54
80	Heterodinuclear Complex $Cp^*Ru(CO)_2Co(CO)_4(Cp^* = \hat{C}Me_5)$ Induced Selective Dimerization of Terminal Alkynes. Chemistry Letters, 1998, 27, 1175-1176.	0.7	7
81	Synthesis and Reactivities of Cationic Diruthenium Complexes with Terminal Vinylidene Ligands. Hydration and Novel Cyclization of Acetylenes on the Diruthenium Center. Organometallics, 1997, 16, 4445-4452.	1.1	37
82	Novel Amido-Bridged Dinuclear Iridium(III) and Iridium(II) Complexes. Synthesis and Characterization of $[Cp^*Ir(\hat{1}/2-NHC_6H_4R-p)_3IrCp^*]Cl$ ($Cp^* = \hat{C}Me_5$; R = Me, H, Cl, CF ₃), $[Cp^*Ir(\hat{1}/2-NH)2C_{10}H_6-1,8](\hat{1}/2-X)IrCp^*_2]X$ (X = Tl, Et, Q, O). Organometallics, 1997, 16, 4514-4516.	1.1	19
83	Synthesis of diiridium complexes containing bridging thiolate and thioether ligands $[(\hat{h}5-C_5Me_5)Ir(\hat{1}/4-SR)(\hat{1}/4-MeSR)Ir(\hat{C}Me_5)] [OSO_2CF_3]$ (R = Pr, cyclohexyl) and their reactivities toward CO and H ₂ . Inorganica Chimica Acta, 1997, 265, 59-63.	1.2	14
84	Three-Dimensional Framework with Channeling Cavities for Small Molecules: $[M_2(4, Tj ETQqO O O rgBT /Overlock 10 Tf 50 307 Td (4\hat{C}Me_5)_2]_n$. Organometallics, 1997, 16, 1725-1727.	4.4	1,082
85	Dreidimensionale Gerüststrukturen mit kanalartigen Hohlräumen für kleine Moleküle: $[M_2(4, Tj ETQqO O O rgBT /Overlock 10 Tf 50 307 Td (4\hat{C}Me_5)_2]_n$ (M = Co, Ni, Zn). Angewandte Chemie, 1997, 109, 1844-1846.	4.4	1,082
86	Preparation of a series of dinuclear Ir(III) and Ir(II) complexes containing bridging thiolate ligands. Inorganica Chimica Acta, 1997, 263, 119-123.	1.2	22
87	Formation of Dinuclear Ruthenacyclopentenyl Complexes from Reactions of $Cp^*Ru(\hat{1}/4-SPr)_2RuCp^*$ ($Cp^* = \hat{C}Me_5$). Journal of Organometallic Chemistry, 1996, 500, 1-14.	1.1	26
88	Oxidative addition of diferrocenyl dichalcogenides to $[\{Ru(\hat{C}Me_5)(\hat{\mu}3-Cl)\}_4]$. Syntheses, crystal structures and some reactivities of $[\{Ru(\hat{C}Me_5)Cl(\hat{\mu}-ER)\}_2]$ (E = S, Se or Te; R = ferrocenyl). Journal of the Chemical Society Dalton Transactions, 1996, , 4307-4312.	1.1	38
89	Synthesis and Crystal Structures of Thiolate-Bridged Diruthenium Complexes Containing Two Olefinic Ligands. Chemistry Letters, 1996, 25, 767-768.	0.7	4
90	Bildung eines neuartigen $\hat{C}Me_5$ -Nonasulfidoliganden und dessen Abbau zu einem $\hat{C}Me_5$ -Disulfidoliganden in einem Diiridiumkomplex. Angewandte Chemie, 1996, 108, 979-981.	1.6	4

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91	Formation of a Novel μ_4 -Nonasulfido Ligand and Its Degradation into a μ_4 -Disulfido Ligand at a Diridium Center. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 872-874.	4.4	25
92	Silylative Dimerization of Aromatic Aldehydes Catalyzed by a Thiolate-Bridged Diruthenium Complex. <i>Chemistry Letters</i> , 1995, 24, 671-672.	0.7	18
93	Synthesis and Structure of a Dinuclear μ_2 -Butenyne Complex Which Catalyzes Di- and Trimerization of Ferrocenylacetylene at the Thiolate-Bridged Diruthenium Center. <i>Organometallics</i> , 1995, 14, 2153-2155.	1.1	72
94	Towards novel organic synthesis on multimetallic centres: Syntheses and reactivities of dinuclear ruthenium thiolate complexes. <i>Journal of Organometallic Chemistry</i> , 1994, 473, 1-14.	0.8	59
95	Dinuclear $(\eta^5\text{-C}_5\text{Me}_5)\text{Ru}$ complexes triply bridged by tellurium or selenium ligands—syntheses and characterisation of $(\eta^5\text{-C}_5\text{Me}_5)\text{Ru}(\eta^2\text{-RTeTeR})(\eta^2\text{-TeR})_2\text{Ru}(\eta^5\text{-C}_5\text{Me}_5)$ and $[(\eta^5\text{-C}_5\text{Me}_5)\text{Ru}(\eta^2\text{-SeR})_3\text{Ru}(\eta^5\text{-C}_5\text{Me}_5)]\text{Cl}$ (R = Tol, Ph). <i>Journal of the Chemical Society Chemical Communications</i> , 1994, .	2.0	26
96	Stepwise Incorporation of Alkynes into a Coordinatively Unsaturated Diruthenium Center Bridged by Thiolate Ligands. <i>Organometallics</i> , 1994, 13, 4214-4226.	1.1	51
97	The highly reactive thiolate-bridged diruthenium complex $[\text{Cp}^*\text{Ru}(\mu_2\text{-Cl})(\mu_2\text{-SPri})_2\text{RuCp}^*][\text{OTf}]$: its reactions with alkynes to form dinuclear metallacycles and terminal allenylidene complexes. <i>Organometallics</i> , 1994, 13, 13-15.	1.1	49
98	Preparation and reactivity of dinuclear RuII complexes with bridging thiolate ligands $[\text{Cp}^*\text{Ru}(\eta^5\text{-SR})_2\text{RuCp}^*]$ ($\text{Cp}^* = \eta^5\text{-C}_5\text{Me}_5$; R = iPr, tBu, 2,6-Me ₂ C ₆ H ₃). Oxidative addition of alkyl halides at the diruthenium center. <i>Journal of Organometallic Chemistry</i> , 1993, 456, 243-253.	0.8	59
99	Novel reactions of alkynes on a coordinatively unsaturated diruthenium centre bridged by thiolate ligands. Syntheses and crystal structures of dinuclear ruthenacyclopentenyl complexes. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 375.	2.0	20
100	Novel reactivities of terminal diacetylides on the thiolate-bridged diruthenium center. Their chemical transformations into diruthenacyclopentadienoid structure and 1,4-disubstituted-1,3-diyne. <i>Organometallics</i> , 1993, 12, 36-46.	1.1	50
101	Coupling of propargyl alcohols via allenylidene-alkynyl or vinylvinylidene-alkynyl combination on a thiolate-bridged diruthenium center. Syntheses and crystal structures of diruthenacyclopentanone and diruthenacyclopentenone complexes. <i>Journal of the American Chemical Society</i> , 1993, 115, 10396-10397.	6.6	28
102	Construction of polycyclic compounds by cyclocarbonylation. 6. Palladium-catalyzed cyclocarbonylation of 3-(heteroaryl)allyl acetates. <i>Journal of Organic Chemistry</i> , 1991, 56, 1922-1927.	1.7	72
103	Novel reactions of alkynes on dinuclear ruthenium centres bridged by thiolate ligands; syntheses and characterization of $(\eta^5\text{-C}_5\text{Me}_5)\text{Ru}(\mu_2\text{-H})(\mu_2\text{-SPri})[(\eta^2\text{-}\mu_2\text{-Me}_3\text{SiC}\equiv\text{CC}(\eta^5\text{-CHSiMe}_3)\text{C}\equiv\text{CSiMe}_3)]\text{Ru}(\eta^5\text{-C}_5\text{Me}_5)$ and $(\eta^5\text{-C}_5\text{Me}_5)\text{Ru}(\text{C}\equiv\text{CTol})(\mu_2\text{-SPri})_2\text{Ru}(\text{C}\equiv\text{CTol})(\eta^5\text{-C}_5\text{Me}_5)$. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, . 1011-1012.	2.0	16
104	Further studies of the synthesis of 1-naphthols and 4-hydroxy-5,6-dimethylbenzothiophene by protonation of $\text{Cp}(\text{CO})_2\text{W}(\eta^5\text{-C}_5\text{H}_4\text{CTol})$ and $\text{Cp}(\text{CO})_2\text{W}(\eta^5\text{-C}_5\text{H}_4\text{C}(2\text{-C}_4\text{H}_3\text{S}))$ in the presence of alkynes and carbon monoxide. <i>Journal of Organometallic Chemistry</i> , 1990, 394, 251-264.	0.8	12
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107	Chemistry of cobalt-ruthenium mixed metal complexes: Carbonylation and metalloselective substitution reactions. <i>Polyhedron</i> , 1988, 7, 2369-2374.	1.0	29
108	The chemistry of heteronuclear clusters and homogeneous multimetallic catalysts. Part 8. Metallo-selective substitution reactions by amines or phosphines in $\text{HRuCo}_3(\text{CO})_{12}$. Infrared and proton and cobalt-59 NMR studies of $\text{HRuCo}_3(\text{CO})_{12}\text{-xLx}$ (L = amines or phosphines; X = 0-2) and crystal structure of $\text{HRuCo}_3(\text{CO})_{11}(\text{PPh}_3)$. <i>Organometallics</i> , 1988, 7, 1608-1613.	1.1	22

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109	Construction of polycyclic systems by cyclocarbonylation. Part 3. A novel palladium- or platinum-catalyzed cyclocarbonylation reaction of cinnamyl compounds for synthesis of 1-naphthol derivatives. <i>Journal of Organic Chemistry</i> , 1988, 53, 3832-3838.	1.7	45
110	Highly Selective Synthesis of Phenanthryl Acetates by Palladium Catalyzed Cyclocarbonylation of Naphthylallyl Acetates. <i>Chemistry Letters</i> , 1988, 17, 1159-1162.	0.7	9
111	Chemistry of cobalt-ruthenium mixed metal clusters and mixed metal complexes.. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , 1988, 1988, 705-713.	0.1	1
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113	Metallo-selective substitution reactions by amines or phosphines in $\text{HRuCo}_3(\text{CO})_{12}$. ^1H and ^{59}Co N.m.r. studies of $\text{HRuCo}_3(\text{CO})_{12-x}\text{L}_x$ (L = amines or phosphines, x= 0 to 2). <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 1451-1452.	2.0	4