

Hiroyuki Matsuzaka

List of Publications by Year in descending order

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113
papers

4,892
citations

136740

32
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95083

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121
all docs

121
docs citations

121
times ranked

3830
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-Dimensional Framework with Channeling Cavities for Small Molecules: $\{[M_2(4,4\text{-tpe})_2]^{2+}\}_n$ ($M = \text{Cu}, \text{Ni}$). <i>Journal of the American Chemical Society</i> , 2002, 124, 1725-1727.	10.7	5074
2	Framework Engineering by Anions and Porous Functionalities of $\text{Cu(II)/4,4\text{-tpe}}$ Coordination Polymers. <i>Journal of the American Chemical Society</i> , 2002, 124, 2568-2583.	6.6	669
3	Rational Synthesis of Stable Channel-Like Cavities with Methane Gas Adsorption Properties: $\{[\text{Cu}_2(\text{pzdc})_2(\text{L})_n]\}_n$ (pzdc=pyrazine-2,3-dicarboxylate; L=a Pillar Ligand). <i>Angewandte Chemie - International Edition</i> , 1999, 38, 140-143.	7.2	544
4	Dreidimensionale Gerüststrukturen mit kanalartigen Hohlräumen für kleine Moleküle: $\{[M_2(4,4\text{-tpe})_2(\text{NO})_2]^{2+}\}_n$ ($M = \text{Co}, \text{Ni}, \text{Zn}$). <i>Angewandte Chemie</i> , 1997, 109, 1844-1846.	11.1	1195
5	Synthesis of Helicenes Utilizing Palladium-Catalyzed Double C-H Arylation Reaction. <i>Journal of Organic Chemistry</i> , 2007, 72, 7406-7408.	1.7	79
6	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
7	Synthesis and Structure of a Dinuclear $\eta^1\text{-}\mu_2$ -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
8	Stereoselective Synthesis of Both Enantiomers of <i>N</i> -Aryl Indoles with Axially Chiral N^{\sim}C Bonds. <i>Journal of Organic Chemistry</i> , 2007, 72, 3394-3402.	1.7	69
9	Stereoselective Synthesis of Axially Chiral N^{\sim}C Bonds in <i>N</i> -Aryl Indoles. <i>Organic Letters</i> , 2006, 8, 1097-1100.	2.4	66
10	Haldane gap systems. <i>Coordination Chemistry Reviews</i> , 2000, 198, 347-366.	9.5	61
11	Preparation and reactivity of dinuclear RuII complexes with bridging thiolate ligands $[\text{Cp}^*\text{Ru}(\text{SR})_2\text{RuCp}^*]^{2+}$ ($\text{Cp}^* = \text{C}_5\text{Me}_5$; $\text{R} = \text{iPr}, \text{tBu}, 2,6\text{-Me}_2\text{C}_6\text{H}_3$). Oxidative addition of alkyl halides at the diruthenium center. <i>Journal of Organometallic Chemistry</i> , 1993, 456, 243-253.	5.9	59
12	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
13	Tuning of Charge Density Wave Strengths by Competition between Electron-Phonon Interaction of $\text{Pd}^{\text{II}}/\text{Pd}^{\text{IV}}$ Mixed-Valence States and Electron Correlation of NiII States in Quasi-One-Dimensional Bromo-Bridged $\text{Ni}^{1-x}\text{Pd}_x(\text{chxn})_2\text{Br}_3$. <i>Inorganic Chemistry</i> , 1999, 38, 5124-5130.	1.9	54
14	A New Anion-Trapping Radical Host, $[(\text{Cu-dppe})_3\{\text{hat}(\text{CN})_6\}]^{2+}$. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 931-933.	7.2	53
15	A Diruthenium Carbido Complex That Shows Singlet-Carbene-like Reactivity. <i>Journal of the American Chemical Society</i> , 2014, 136, 15889-15892.	6.6	52
16	Stepwise Incorporation of Alkynes into a Coordinatively Unsaturated Diruthenium Center Bridged by Thiolate Ligands. <i>Organometallics</i> , 1994, 13, 4214-4226.	1.1	51
17	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
18	The highly reactive thiolate-bridged diruthenium complex $[\text{Cp}^*\text{Ru}(\mu\text{-Cl})(\mu\text{-SPri})_2\text{RuCp}^*][\text{OTf}]$: its reactions with alkynes to form dinuclear metallacycles and terminal allenylidene complexes. <i>Organometallics</i> , 1994, 13, 13-15.	1.1	49

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19	Preparation of Cationic Dinuclear Hydrido Complexes of Ruthenium, Rhodium, and Iridium with Bridging Thiolato Ligands and Their Reactions with Nitrosobenzene. <i>Inorganic Chemistry</i> , 1999, 38, 2851-2859.	1.9	49
20	Recent advances in the chemistry of ruthenium carbido complexes. <i>Coordination Chemistry Reviews</i> , 2012, 256, 574-588.	9.5	48
21	Palladium-Borane Cooperation: Evidence for an Anionic Pathway and Its Application to Catalytic Hydrodeuterodechlorination. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18783-18787.	7.2	48
22	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
23	First syntheses of cocrystallites consisting of anti-formed metal octaethylporphyrins with fullerene C60. <i>Dalton Transactions RSC</i> , 2000, , 4407-4412.	2.3	42
24	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
25	A Bimetallic Ru ₂ Pt 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
26	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
27	Oxidative addition of diferrocenyl dichalcogenides to $[\{Ru(\eta^5-C_5Me_5)(\mu^3-Cl)\}_4]$. Syntheses, crystal structures and some reactivities of $[\{Ru(\eta^5-C_5Me_5)Cl(\mu-ER)\}_2]$ (E = S, Se or Te; R = ferrocenyl). <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 4307-4312.	1.1	38
28	Nickel-Catalyzed [3+1+1] Cycloaddition Reactions of Alkenyl Fischer Carbene Complexes with Methylenecyclopropanes. <i>Organic Letters</i> , 2006, 8, 4011-4014.	2.4	38
29	Synthesis and Reactivities of Cationic Diruthenium Complexes with Terminal Vinylidene Ligands. Hydration and Novel Cyclization of Acetylenes on the Diruthenium Center. <i>Organometallics</i> , 1997, 16, 4445-4452.	1.1	37
30	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
31	Transition-Metal-Mediated Germanium-Fluorine Activation: Inverse Electron Flow in σ -Bond Metathesis. <i>Organometallics</i> , 2016, 35, 713-719.	1.1	34
32	Fluorosilane Activation by Pd/Ni-Si Lewis Acid Interaction: An Entry to Catalytic Si-Negishi Coupling. <i>Journal of the American Chemical Society</i> , 2020, 142, 14039-14044.	6.6	33
33	Synthesis of benzofurans and benzothiophenes by palladium catalyzed cyclocarbonylation of 3-furylallyl and 3-thienylallyl acetates. <i>Tetrahedron Letters</i> , 1989, 30, 95-98.	0.7	32
34	Chemistry of cobalt-ruthenium mixed metal complexes: Carbonylation and metalloselective substitution reactions. <i>Polyhedron</i> , 1988, 7, 2369-2374.	1.0	29
35	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
36	Diruthenium Carbido Complexes as σ -Heterocyclic Carbene Like C-Donor Ligands to Group 11 Metals. <i>Organometallics</i> , 2017, 36, 3686-3691.	1.1	28

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37	Synthesis and Reactivity of a Dithiolate-Bridged Ruthenium-Rhodium Heterobimetallic Dihydride Complex. <i>Organometallics</i> , 2006, 25, 982-988.	1.1	27
38	Synthesis and Reactivity of Coordinatively Unsaturated Dinuclear Ruthenium Bridging Imido Complexes. <i>Organometallics</i> , 2011, 30, 2160-2172.	1.1	27
39	Homogeneous multimetallic catalysts. <i>Journal of Molecular Catalysis</i> , 1989, 54, L13-L17.	1.2	26
40	Dinuclear (η^5 -C ₅ Me ₅)Ru complexes triply bridged by tellurium or selenium ligands—syntheses and characterisation of (η^5 -C ₅ Me ₅)Ru(η^2 -R ₂ TeTeR)(η^2 -TeR) ₂ Ru(η^5 -C ₅ Me ₅) and [η^5 -C ₅ Me ₅)Ru(η^2 -SeR) ₃ Ru(η^5 -C ₅ Me ₅)]Cl (R = Tol, Ph). <i>Journal of the Chemical Society Chemical Communications</i> , 1994, .	2.0	26
41	Formation of Dinuclear Ruthenacyclopentenyl Complexes from Reactions of Cp* ₂ Ru(η^5 -SPri) ₂ RuCp* (Cp* = η^5 -1,5-C ₅ Me ₅) and Diruthenium η^5 -Alkenyl Complexes. <i>Organometallics</i> , 1996, 15, 965-973.	1.1	26
42	Syntheses and electronic structures of macrocyclic metal complexes with fullerene. <i>Inorganica Chimica Acta</i> , 2001, 317, 81-90.	1.2	26
43	Formation of a Novel η^5 -Nonasulfido Ligand and Its Degradation into a η^5 -Disulfido Ligand at a Diiridium Center. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 872-874.	4.4	25
44	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
45	Dinuclear Ruthenium(II) η^2 -Diamido/ η^6 -Naphthalene Complexes Featuring a Coordinatively Unsaturated yet Highly π -Basic (η^5 -C ₅ Me ₅)Ru Diamide Fragment. <i>Organometallics</i> , 2005, 24, 801-804.	1.1	24
46	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
47	Aromatic carbon-hydrogen bond activation. Novel synthesis of 1-naphthol derivatives by palladium catalysed cyclocarbonylation of cinnamyl compounds. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 575-576.	2.0	22
48	The chemistry of heteronuclear clusters and homogeneous multimetallic catalysts. Part 8. Metallo-selective substitution reactions by amines or phosphines in HRuCo ₃ (CO) ₁₂ . Infrared and proton and cobalt-59 NMR studies of HRuCo ₃ (CO) ₁₂ -xLx (L = amines or phosphines; X = 0-2) and crystal structure of HRuCo ₃ (CO) ₁₁ (PPh ₃). <i>Organometallics</i> , 1988, 7, 1608-1613.	1.1	22
49	Preparation of a series of dinuclear Ir(III) and Ir(II) complexes containing bridging thiolate ligands. <i>Inorganica Chimica Acta</i> , 1997, 263, 119-123.	1.2	22
50	Diiron Amido-Imido Complex [(Cp* ₂ Fe)(η^5 -NHPH)(η^5 -NPh)] ₂ : 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
51	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
52	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
53	Novel Amido-Bridged Dinuclear Iridium(III) and Iridium(II) Complexes. Synthesis and Characterization of [Cp* ₂ Ir(η^5 -NHC ₆ H ₄ R-p) ₃ IrCp*]Cl (Cp* = η^5 -C ₅ Me ₅ ; R = Me, H, Cl, CF ₃), [Cp* ₂ Ir{(η^5 -NH)C ₁₀ H ₆ -1,8}(η^5 -X)IrCp*] ₂ X (X = η^5 -1,5-C ₅ Me ₅) and [Cp* ₂ Ir(η^5 -NHC ₆ H ₄ R-p) ₃ IrCp*]Cl (Cp* = η^5 -C ₅ Me ₅ ; R = Me, H, Cl, CF ₃). <i>Organometallics</i> , 1997, 16, 4514-4516.	1.1	19
54	σ -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

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55	Parent Cyclopentadienyl Ruthenium(II) Chloride Synthons: Derivatization to CpRu Amido, Imido, and Oxo Complexes. <i>Organometallics</i> , 2019, 38, 4298-4306.	1.1	19
56	Silylative Dimerization of Aromatic Aldehydes Catalyzed by a Thiolate-Bridged Diruthenium Complex. <i>Chemistry Letters</i> , 1995, 24, 671-672.	0.7	18
57	Reactions of cationic dirhodium and diiridium complexes $[\text{Cp}^*\text{M}(\eta^5\text{-Cl})(\eta^5\text{-SPri})_2\text{MCp}^*][\text{OTf}]$ (M=Rh, Ir) with terminal alkynes. Comparison with the diruthenium system. <i>Journal of Organometallic Chemistry</i> , 2000, 599, 221-231.	0.8	18
58	Preparation, Structure, and Reactivities of Amido-Bridged Dinuclear Rhodium(III) and Rhodium(II) Complexes. <i>Organometallics</i> , 2000, 19, 216-218.	1.1	18
59	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
60	Synthesis of Ru μ -Pt and Ru μ -Pd mixed-metal imido clusters from a diruthenium imido-methylene scaffold $[(\text{Cp}^*\text{Ru})_2(\eta^2\text{-NPh})(\eta^2\text{-CH}_2)]$. <i>Chemical Communications</i> , 2006, , 1328.	2.2	17
61	Novel reactions of alkynes on dinuclear ruthenium centres bridged by thiolate ligands; syntheses and characterization of $(\eta^5\text{-C}_5\text{Me}_5)\text{Ru}(\eta^2\text{-H})(\eta^2\text{-SPri})[(\eta^2\text{-}\mu\text{-Me}_3\text{SiC}\equiv\text{CC}(\text{r}\equiv\text{CHSiMe}_3)\text{C}\equiv\text{CSiMe}_3)]\text{Ru}(\eta^5\text{-C}_5\text{Me}_5)$ and $(\eta^5\text{-C}_5\text{Me}_5)\text{Ru}(\text{C}\equiv\text{CTol})(\eta^2\text{-SPri})_2\text{Ru}(\text{C}\equiv\text{CTol})(\eta^5\text{-C}_5\text{Me}_5)$. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 1011-1012.	2.0	16
62	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
63	Synthesis, structure, and reactivities of the Ru μ -Co heterobimetallic complex. Molecular structures of $\text{Cp}^*\text{Ru}(\text{CO})_2(\eta^2\text{-CO})\text{Co}(\text{CO})_3$, $\text{Cp}^*\text{Ru}(\eta^2\text{-CO})_2(\eta^2\text{-dppm})\text{Co}(\text{CO})_2$, $\text{Cp}^*\text{Ru}(\text{CNBut})(\text{CO})(\eta^2\text{-CO})\text{Co}(\text{CO})_3$, and $\text{Cp}^*(\text{CO})\text{Ru}(\eta^2\text{-}\mu\text{-C}\equiv\text{C}(\text{Tol})\text{CHC}(\text{Tol})\text{CH}\text{Co}(\text{CO})_2$ ($\text{Cp}^*=\eta^5\text{-C}_5\text{Me}_5$, $\text{dppm}=\text{Ph}_2\text{PCH}_2\text{PPh}_2$, $\text{Tol}=\text{C}_6\text{H}_4\text{Me}-4$). <i>Journal of Organometallic Chemistry</i> , 2000, 596, 121-129.	0.8	15
64	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
65	Synthesis and N μ -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
66	Pd/Ni-Catalyzed Germa-Suzuki coupling via dual Ge μ -F bond activation. <i>Chemical Communications</i> , 2021, 57, 5004-5007.	2.2	15
67	Synthesis of diiridium complexes containing bridging thiolate and thioether ligands $[(\eta^5\text{-C}_5\text{Me}_5)\text{Ir}(\eta^4\text{-SR})(\eta^4\text{-MeSR})(\eta^5\text{-C}_5\text{Me}_5)] [\text{OSO}_2\text{CF}_3]$ (R = Pr, cyclohexyl) and their reactivities toward CO and H ₂ . <i>Inorganica Chimica Acta</i> , 1997, 265, 59-63.	1.2	14
68	Iridium Hydride Mediated Stannane μ -Fluorine and μ -Chlorine σ -Bond Activation: Reversible Switching between X-Type Stannyl and Z-Type Stannane Ligands. <i>Organometallics</i> , 2017, 36, 2096-2106.	1.1	14
69	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
70	Further studies of the synthesis of 1-naphthols and 4-hydroxy-5,6-dimethylbenzothiophene by protonation of $\text{Cp}(\text{CO})_2\text{W}(\eta^5\text{-CTol})$ and $\text{Cp}(\text{CO})_2\text{W}(\eta^5\text{-C}_2\text{C}_4\text{H}_3\text{S})$ in the presence of alkynes and carbon monoxide. <i>Journal of Organometallic Chemistry</i> , 1990, 394, 251-264.	0.8	12
71	Syntheses and physical properties of quasi-one-dimensional chloro-bridged Ni μ -Pd mixed-metal MX-chain compounds, $\text{Ni}_2\text{Pd}_x(\text{chxn})_2\text{Cl}_3$. <i>Synthetic Metals</i> , 2001, 116, 415-418.	2.1	12
72	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

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73	Dinuclear ruthenium(II) catecholato and 2,3-naphthalenediolato complexes featuring η^2 -diaryloxo/ η^6 -arene coordination mode. <i>Inorganica Chimica Acta</i> , 2006, 359, 912-916.	1.2	11
74	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
75	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
76	Highly Selective Synthesis of Phenanthryl Acetates by Palladium Catalyzed Cyclocarbonylation of Naphthylallyl Acetates. <i>Chemistry Letters</i> , 1988, 17, 1159-1162.	0.7	9
77	New fluorene-substituted TTF derivatives as photofunctional materials. <i>Physica B: Condensed Matter</i> , 2010, 405, S12-S14.	1.3	8
78	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
79	Tin-Ruthenium Cooperative Catalyst for Disproportionation of Formic Acid to Methanol. <i>ACS Catalysis</i> , 2021, 11, 7460-7466.	5.5	8
80	Heterodinuclear Complex Cp*Ru(CO)2Co(CO)4(Cp*= η^5 -C5Me5) Induced Selective Dimerization of Terminal Alkynes. <i>Chemistry Letters</i> , 1998, 27, 1175-1176.	0.7	7
81	New coordination network of [Cd2(bpob)3(NO3)4]n (bpob=1,4-bis(4-pyridoxy)benzene) constructed from two structural isomers of the ligand. <i>Solid State Sciences</i> , 1999, 1, 73-75.	0.8	6
82	Syntheses and Physical Properties of Quasi-One-Dimensional Halogen-Bridged CuII-PtIV Mixed-Metal Complexes [Cu(chxn)2][PtX2(chxn)2]X4. <i>Inorganic Chemistry</i> , 2001, 40, 6651-6655.	1.9	6
83	Electronic structure of the Haldane gap system derived using DV-X α calculations. <i>Polyhedron</i> , 2001, 20, 1297-1304.	1.0	6
84	Metal-ligand cooperative activation of element-hydrogen bonds (element=AC, N, O, Cl, B) on a dinuclear ruthenium bridging imido complex. <i>Journal of Organometallic Chemistry</i> , 2016, 812, 158-166.	0.8	6
85	Aminolysis of [Cp*Ru(η^5 -OEt)] ₂ (Cp*= η^5 -C5Me5) 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
86	Experimental and Theoretical Investigation of an S 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
87	Synthesis, structure and reactivities of the dinuclear η^4 - η^1 - η^6 -arylethynyl ruthenium complexes [Cp(PR3)2Ru(η^4 - η^1 - η^6 -C \hat{c} ^o CC6H4Me-p)RuCp*]A-Cl (R=Ph, Me; Cp= η^5 -C5H5, Cp*= η^5 -C5Me5). The molecular structure of [Cp(PPh3)2Ru(η^4 - η^1 - η^6 -C \hat{c} ^o CC6H4Me-p)RuCp*]A-PF6. <i>Journal of Organometallic Chemistry</i> , 2001, 625, 133-139.		5
88	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 I] (n=2-6). <i>Molecular Crystals and Liquid Crystals</i> , 2002, 376, 159-164.	0.4	5
89	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
90	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

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91	Stereoselective tricarbonylchromium migration reactions in axially chiral biaryl chromium complexes. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 678-684.	0.8	5
92	Metallo-selective substitution reactions by amines or phosphines in HRuCo ₃ (CO) ₁₂ ·xL (L = amines or phosphines, x = 0 to 2). <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 1451-1452.	2.0	4
93	Synthesis and Crystal Structures of Thiolate-Bridged Diruthenium Complexes Containing Two Olefinic Ligands. <i>Chemistry Letters</i> , 1996, 25, 767-768.	0.7	4
94	Bildung eines neuartigen $\frac{1}{4}$ -Nonasulfidoliganden und dessen Abbau zu einem $\frac{1}{4}$ -Disulfidoliganden in einem Diiridiumkomplex. <i>Angewandte Chemie</i> , 1996, 108, 979-981.	1.6	4
95	Dinuclear Cp*Co Amido and Alkoxo Complexes: Synthesis, Structures, and Reactivity. <i>Organometallics</i> , 2011, 30, 1013-1020.	1.1	4
96	Synthesis and Crystal Structure of [Cu(<i>N</i> -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
97	Intermolecular interaction of complexes with anti-formed metal octaethylporphyrins and C ₆₀ . <i>Synthetic Metals</i> , 2001, 121, 1165-1166.	2.1	2
98	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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