

Hidetake Seino

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	An Iodido-Bridged Dimer of Cubane-Type Ru ₃ S ₄ Cluster: Structural Rearrangement to New Octanuclear Core and Catalytic Reduction of Hydrazine. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1483-1489.	1.0	1
2	Reversible Hydride Transfer to $\langle i \rangle N \langle /i \rangle, \langle i \rangle N \langle /i \rangle \hat{\epsilon}^2$ -Diarylimidazolium Cations from Hydrogen Catalyzed by Transition Metal Complexes Mimicking the Reaction of [Fe]-Hydrogenase. <i>Inorganic Chemistry</i> , 2017, 56, 8087-8099.	1.9	4
3	Structural Determination, DFT Calculation, and Formation Mechanism of Ethyl 2-Cyano-3-alkoxy-pent-2-enoates Synthesized via Ru-Mediated Coupling Reaction between $\hat{1}, \hat{1}^2$ -Unsaturated Acetals and Cyanoacetate. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 79-87.	2.0	2
4	N-Heterocyclic carbenes as supporting ligands in transition metal complexes of N ₂ . <i>Dalton Transactions</i> , 2016, 45, 874-880.	1.6	25
5	Photooxidation and Photoluminescence of Triarylmethane Dye-Conjugated Zinc Complexes: Optical Anisotropy and Optical Activity Emerging from Distinct Crystal Packing Modes. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 698-705.	2.0	3
6	Synthesis and Protonation of N-Heterocyclic-Carbene-Supported Dinitrogen Complexes of Molybdenum(0). <i>Organometallics</i> , 2015, 34, 3414-3420.	1.1	24
7	A molybdenum complex bearing a tetrakisphosphine ligand as a precursor for heterobimetallic complexes. <i>Dalton Transactions</i> , 2014, 43, 9344.	1.6	3
8	Peptide-catalyzed kinetic resolution of planar-chiral metallocenes. <i>Chemical Communications</i> , 2014, 50, 7893-7896.	2.2	24
9	Linear Connection of Four Nitrile Molecules on the Tetrakisphosphine Complexes of Tungsten and Molybdenum. <i>Organometallics</i> , 2014, 33, 3652-3655.	1.1	5
10	Polymers with Multishape Memory Controlled by Local Glass Transition Temperature. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 2753-2758.	4.0	50
11	Self-healing bio-based furan polymers cross-linked with various bis-maleimides. <i>Polymer</i> , 2013, 54, 5351-5357.	1.8	117
12	Bio-Based Furan Polymers with Self-Healing Ability. <i>Macromolecules</i> , 2013, 46, 1794-1802.	2.2	304
13	CHAPTER 10.1. Metal-Sulfur Clusters as the Model for the Active Sites of Metalloenzymes. , 2013, , 7-24.		0
14	Tungsten(II) Alkylimido Complexes from Insertion of Nitriles into Tungsten Hydride: Alkylideneamido Intermediate Stage and Nitrene Group Transfer to Isocyanide. <i>Organometallics</i> , 2012, 31, 4933-4936.	1.1	10
15	Transformations of aryl isothiocyanates on tetrakisphosphine tungsten complexes and reactivity of the resulting dithiocarbonylimidate ligand. <i>Dalton Transactions</i> , 2011, 40, 11822.	1.6	9
16	Preparation of Incomplete Cubane-Type Ru ₂ M($\frac{1}{4}$ Cl) ₃ ($\frac{1}{4}$ -S) ₂ Clusters (M = Sb, Bi) and Isolation of the Ru ₂ Sb Cluster Having a Novel $\frac{1}{4}$ -SO Ligand. Functions in Oxygen Atom Transfer and Catalytic Oxidation of PPh ₃ to O=PPh ₃ by Molecular O ₂ . <i>Organometallics</i> , 2011, 30, 2939-2946.	1.1	19
17	Catalytic functions of cubane-type M ₄ S ₄ clusters. <i>Chemical Science</i> , 2011, 2, 847.	3.7	79
18	Preparation and Reactions of Molybdenum and Tungsten Hydride Complexes Containing the Tetrakisphosphane Ligand meso-o-C ₆ H ₄ (PPhCH ₂ CH ₂ PPh ₂) ₂ . <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 141-149.	1.0	17

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19	Blue/Red Linear Dichroic Emission from a Highly Anisotropic Crystal of Triarylmethane Dye Conjugated with Phenoxo-Zinc Complexes. <i>Chemistry - A European Journal</i> , 2011, 17, 1122-1127.	1.7	7
20	Reactions of Dienes with a Mo(0) Complex with Tetrphosphine Coligand [Mo(P4)(Ph) ₂ PCH ₂ CH ₂ PPh ₂] (P4 =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (<i>Journal of the Chinese Chemical Society</i> , 2010, 57, 135-143.	0.8	3
21	A series of multinuclear homo- and heterometallic complexes with bridging telluroato ligands derived from [Cp*Ir(CO)(TeTol) ₂] (Cp* = 1-5-C ₅ Me ₅ , Tol = p-tolyl). <i>Journal of Organometallic Chemistry</i> , 2010, 695, 137-144.	0.8	8
22	Incorporation of Fe into the void corner of the incomplete cubane-type Ir ₃ (SH) ₃ sulfido-hydrosulfido cluster to give new cubane-type Ir ₃ FeS ₄ clusters. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1878-1882.	0.8	5
23	Core Conversion Reactions of the Cubane-Type Metal-Sulfido Clusters: Shape Shift, Contraction, and Expansion of the MM ₂ Re ₂ S ₄ Cubanes (M = Ir, Rh, Ru; M ₂ = Pt, Pd). <i>Inorganic Chemistry</i> , 2010, 49, 6889-6896.	1.9	4
24	Theoretical Study on Activation and Protonation of Dinitrogen on Cubane-Type M ₃ S ₄ Clusters (M = V, Cr, Mn, Fe, Co, Ni, Cu, Mo, Ru, and W). <i>Inorganic Chemistry</i> , 2010, 49, 2464-2470.	1.9	13
25	Reactions of Bis(chalcogenolato) Complexes [(L) ₅ C ₅ Me ₅]Ir(CO)(ETol) ₂ (E = Se, S; Tol) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 702 Td (<i>Complexes with Bridging Chalcogenido or Chalcogenolato Ligands. Organometallics</i> , 2010, 29, 2254-2259.	1.1	11
26	Heterolytic H ₂ activation by rhodium thiolato complexes bearing the hydrotris(pyrazolyl)borato ligand and application to catalytic hydrogenation under mild conditions. <i>Dalton Transactions</i> , 2010, 39, 3072.	1.6	26
27	A series of thiolato-bridged di- and trinuclear complexes derived from [Tp*—Rh(SPh) ₂ (MeCN)] (Tp* =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 702 Td	1.2	3
28	Synthesis and characterization of a novel imidazole cyclic trimer. <i>Tetrahedron Letters</i> , 2009, 50, 4135-4137.	0.7	3
29	Syntheses of new Mo(II) and W(II) mono(hydrosulfido) complexes and their conversion into di- and tetranuclear sulfido-bridged heterobimetallic complexes. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3775-3780.	0.8	3
30	Preparation, Structures, and Some Reactivities of Five-Coordinate Alkyne Complexes of Mo with Tetrphosphine or Diphosphine Coligand [Mo(RC ₆ H ₄) ₂ meso-o-C ₆ H ₄ (PPhCH ₂ CH ₂ PPh ₂) ₂] and [Mo(RC ₆ H ₄) ₂ (Ph) ₂ PCH ₂ CH ₂ PPh ₂] ₂ . <i>Organometallics</i> , 2009, 28, 1112-1121.		
31	Heterolytic Cleavage of Hydrogen Molecule by Rhodium Thiolate Complexes That Catalyze Chemoselective Hydrogenation of Imines under Ambient Conditions. <i>Journal of the American Chemical Society</i> , 2009, 131, 14636-14637.	6.6	54
32	Preparation of a bis(hydrosulfido) complex of Mo having a tetrphosphine co-ligand and its transformation into MoRh ₂ and MoIr ₂ mixed-metal sulfido clusters. <i>Dalton Transactions</i> , 2009, , 6134.	1.6	14
33	Reactions of Mo(II)-tetrphosphine complex [MoCl ₂ {meso-o-C ₆ H ₄ (PPhCH ₂ CH ₂ PPh ₂) ₂ }] with a series of small molecules. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 269-277.	0.8	4
34	C—S bond cleavage of 2-methoxythiophene by Ir—TMEDA complex (TMEDA=N,N,N',N'-tetramethylethylenediamine). Formation of novel dinuclear iridathiacyclohexenyl complex. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3197-3200.	0.8	7
35	DFT Study on Chemical N ₂ Fixation by Using a Cubane-Type Ru ₃ S ₄ Cluster: Energy Profile for Binding and Reduction of N ₂ to Ammonia via Ru ²⁺ N ³⁻ NH ₂ (x = 1, 2, 3) Intermediates with Unique Structures. <i>Journal of the American Chemical Society</i> , 2008, 130, 9037-9047.	6.6	49
36	Properties and Reactivities of the Hydrido Ligands in Iridium Sulfido Clusters Relevant to Activation and Production of H ₂ . <i>Organometallics</i> , 2008, 27, 1275-1289.	1.1	10

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37	DFT Analysis of Cubane-Type FeIr ₃ S ₄ Clusters. Dinitrogen Binding and Activation at the Tetrahedral Fe Site. <i>Bulletin of the Chemical Society of Japan</i> , 2007, 80, 2323-2328.	2.0	5
38	Synthesis of a Sulfido-Capped Trinuclear Cluster [(η -5-C ₅ Me ₅)Ir] ₂ {Mo(CO) ₃ }(η -4 ⁻ -S) ₂] and Its Reactions at the Molybdenum Site Forming a Series of Ir ₂ MoS ₂ Clusters. <i>Organometallics</i> , 2007, 26, 3499-3508.	1.1	16
39	Mo and W Dihalide Complexes with Uncommon Trigonal-Prismatic Geometry Imposed by the Linear Tetrakisphosphine Ancillary Ligand and Their Reactivities toward Diazoalkanes. <i>Inorganic Chemistry</i> , 2007, 46, 4784-4786.	1.9	19
40	N \equiv N Bond Cleavage of Organohydrazines by Molybdenum(II) and Tungsten(II) Complexes Containing a Linear Tetrakisphosphine Ligand. Formation of Nitrido or Imido Complexes and Their Reactivities. <i>Organometallics</i> , 2007, 26, 4909-4920.	1.1	37
41	Isolation of a Cubane-Type Metal Sulfido Cluster with a Molecular Nitrogen Ligand. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5431-5434.	7.2	46
42	Synthesis and X-ray structures of heptanuclear and decanuclear mixed-metal sulfido clusters containing noble metals and Group 15 metals. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 20-25.	0.8	6
43	Mixed-Metal Sulfido Clusters Containing Noble Metals and Group 15 Metals. Stepwise Construction of Bimetallic and Trimetallic Ru ₂ MS ₂ (M = Sb, Bi), Ru ₂ PdSbS ₂ , and Ru ₂ Pd ₂ SbS ₂ Cores. <i>Organometallics</i> , 2006, 25, 3034-3039.	1.1	15
44	DFT Calculations of Cubane-Type Mo ₂ Ru ₂ S ₄ Clusters. Stability of a Possible Dinitrogen Cluster and an Isolable Acetonitrile Cluster. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 53-58.	2.0	6
45	Addition of benzenethiol to terminal alkynes catalyzed by hydrotris(3,5-dimethylpyrazolyl)borate \rightarrow Rh(III) bis(thiolate) complex: Mechanistic studies with characterization of the key intermediate. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3157-3164.	0.8	50
46	Synthesis of sulfido- and thiolato-bridged Ir ₃ cluster and its reactions with alkyne and isocyanide including highly regioselective cyclotrimerization of methyl propiolate. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 5746-5752.	0.8	10
47	Synthesis of Tellurido-Bridged IrPt ₂ , IrPd ₂ , and IrPtPd Clusters by Inserting Zero-Valent Pt and Pd Centers into Te-C Bonds. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7758-7762.	7.2	14
48	Preparation of Rhodium Pentasulfido(2 \rightarrow) Complexes with Hydrotris(3,5-dimethylpyrazol-1-yl)borato Coligand. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 1641-1643.	2.0	3
49	The CO and CS bond cleavage in carbon dioxide and tolyl isothiocyanate by reactions with the Mo(0) tetrakisphosphine complex [Mo{meso-o-C ₆ H ₄ (PPhCH ₂ CH ₂ PPh ₂) ₂ }(Ph ₂ PCH ₂ CH ₂ PPh ₂)]. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 1140-1146.	0.8	31
50	Preparation and structures of the cluster dimers consisting of Rh ₂ Mo ₂ S ₄ single-cubane units connected by two bidentate N-donor ligands. <i>Inorganica Chimica Acta</i> , 2005, 358, 2449-2453.	1.2	4
51	Preparation of chalcogenolato-bridged dinuclear Tp [*] Rh \rightarrow Cp [*] Ru complexes (Tp [*] =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 T to their Ru sites. <i>Dalton Transactions</i> , 2005, , 3166.	1.6	20
52	Synthesis of a Sulfido- and Thiolato-Bridged Trinuclear Bimetallic Cluster [(η -5-C ₅ Me ₅)Ir] ₂ {(η -5-C ₅ H ₅)Ru}Cl(η -4 ⁻ -S)(η -4 ⁻ -SCH ₂ CH ₂ CN) ₂] and Its Reactions with CO, Isocyanide, and Alkyne. <i>Organometallics</i> , 2005, 24, 6260-6267.	1.1	11
53	One- or two-dimensional organometallic arrays containing PdIr ₂ (η -4 ⁻ -S) ₂ mixed-metal sulfido cluster units connected via the nicotinamide or isonicotinamide ligands on their Pd sites through hydrogen-bonding interactions. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 738-743.	0.8	19
54	Reactions of hydrosulfido- and hydroselenido-bridged dinuclear Ir, Rh, and Ru complexes with SbCl ₃ and BiCl ₃ affording mixed-metal sulfido and selenido clusters containing both noble metals and Group 15 metals. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2338-2345.	0.8	21

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55	Cooling-Rate Dependent Ferromagnetism in a Two-Dimensional Cyano-Bridged Sm(III)-W(V) Complex. <i>ChemInform</i> , 2004, 35, no.	0.1	0
56	Synthesis and X-ray structure of the new Mo diselenido complex with hydrotris(pyrazolyl)borate coligand [Et4N][TpMo(CO)2(Î²-Se2)]. <i>Inorganica Chimica Acta</i> , 2004, 357, 4618-4621.	1.2	4
57	Preparation of mononuclear and dinuclear Rh hydrotris(pyrazolyl)borato complexes containing arenethiolato ligands and conversion of the mononuclear complexes into dinuclear Rh-Rh and Rh-Ir complexes with bridging arenethiolato ligands. <i>Dalton Transactions</i> , 2004, , 3593-3600.	1.6	19
58	Manganese(II) Octacyanotungstate(V)-Based Magnet Containing a Noncoordinated Aromatic Molecule. <i>Journal of the American Chemical Society</i> , 2004, 126, 5024-5025.	6.6	107
59	Syntheses of a series of trinuclear M ₂ or pentanuclear M ₄ bimetallic bis(selenido) and selenido-sulfido clusters (M=Pd, Pt, Fe, Co) from diiridium Î¼ ² -bis(hydroselenido) and Î¼ ² -hydroselenido-hydrosulfido complexes [{{(Î²-C5Me5)IrCl}2(Î²-SeH)(Î²-EH)}] (E=Se, S). <i>Journal of Organometallic Chemistry</i> , 2003, 669, 124-134.	0.8	17
60	Cubane-Type Heterometallic Sulfido Clusters: Incorporation of Two Metal Fragments into a Dinuclear ReS(Î¼ ² -S)2ReS Core Affording Bimetallic M2Re2(Î¼ ² -S)4 Clusters (M = Ru, Pt, Cu) or Trimetallic MMâ€²Re2(Î¼ ² -S)4 Clusters via Incomplete Cubane-Type MRe2(Î¼ ² -S)(Î¼ ² -S)3 Intermediates (M = Ru, Rh, Ir; Mâ€² = Mo, W, Pd, Ru). <i>J. Organomet. Chem.</i> 2003, 670, 17-20.	1.6	17
61	A Series of Dinuclear Homo- and Heterometallic Complexes with Two or Three Bridging Sulfido Ligands Derived from the Tungsten Tris(sulfido) Complex [Et4N][(Me2Tp)WS3] (Me2Tp = Tj ETQq1 1 0.784314 rgBT /Overlask 10 Tj	0.784314	10
62	Cooling-rate Dependent Ferromagnetism in a Two-dimensional Cyano-bridged Sm(III)-W(V) Complex. <i>Journal of Physical Chemistry B</i> , 2003, 107, 11571-11574.	1.2	79
63	Transformation of the Incomplete Cubane-Type Ir3S(SH)3 Cluster into Single-Cubane (Ir3SbS4), Corner-Shared Double-Cubane (Ir6BiS8), and Cuboidal (Ir3PdS3(SH)) Heterometallic Clusters. <i>Organometallics</i> , 2003, 22, 4636-4638.	1.1	18
64	Synthesis of Bimetallic Cubane-Type Mo2M2S4 Clusters (M = Ir, Rh, Ru) and Reductive Cleavage of the Nâ€²-N Bond of 1,1-Methylphenylhydrazine Affording N-Methylaniline Using Mo2Ir2S4 and Mo2Rh2S4 Clusters as Catalyst Precursors. <i>Organometallics</i> , 2003, 22, 3424-3431.	1.1	34
65	Synthesis, Crystal Structures, and Magnetic Properties of Two Cyano-Bridged Tungstate(V)-Manganese(II) Bimetallic Magnets. <i>Inorganic Chemistry</i> , 2003, 42, 1848-1856.	1.9	124
66	Preparation of a Heterobimetallic Cluster with Bridging Sulfido and Thiolato Ligands [{{(Î²-C5Me5)Ru}{{(Î²-C5Me5)Ir}2(Î¼ ² -S)(Î¼ ² -SCH2CH2CN)2Cl]}] and Its Transformations into Alkyne, CO, Isocyanide, and Iminoacyl Clusters. <i>Organometallics</i> , 2003, 22, 1065-1071.	1.1	13
67	Photoinduced Magnetization in a Two-Dimensional Cobalt Octacyanotungstate. <i>Journal of the American Chemical Society</i> , 2003, 125, 9240-9241.	6.6	237
68	Two-dimensional metamagnet composed of cyano-bridged Cu ^{II} -W ^{VI} bimetallic assembly. <i>Chemical Communications</i> , 2003, , 2772-2773.	2.2	68
69	Rational Synthesis and Crystal Structures of Heterometallic-Heterochalcogenido Cubane-Type Clusters [(Cp*M)2(MoOCl2){MoCl2(dmf)}(Î¼ ² -S)2(Î¼ ² -Se)2] (M=Rh, Ir). <i>Chemistry Letters</i> , 2002, 31, 920-921.	0.7	4
70	Synthesis and Structures of p-tert-Butyltetrahiacalix[4]arene-dihydrides of Mo(IV) and W(IV). <i>Chemistry Letters</i> , 2002, 31, 6-7.	0.7	12
71	Crystal Structure and Magnetic Properties of Two-dimensional Cyanide-bridged Bimetallic Assembly Composed of Cs[MnII(3-cyanopyridine)2{W(CN)8}]Â·H2O. <i>Chemistry Letters</i> , 2002, 31, 832-833.	0.7	36
72	Synthesis of a New Tetrakis(hydrosulfido) Diiridium Complex and Its Conversion into Homo- and Heterometallic Sulfido-Hydrosulfido Clusters. <i>Organometallics</i> , 2002, 21, 694-699.	1.1	32

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73	Syntheses and reactivities of hydrosulfido- or sulfido-bridged heterobimetallic complexes containing Group 6 and Group 9 metals. <i>Dalton Transactions RSC</i> , 2002, , 1494-1499.	2.3	48
74	Nucleophilic addition and substitution reactions on the sulfur atoms bound to two Ir atoms. Conversion of a hydrosulfido complex $[(\eta^5\text{-C}_5\text{Me}_5)_2\text{Ir}_2(\eta^4\text{-SH})_3]\text{Cl}$ into a series of diiridium complexes with bridging thiolato ligands. <i>Dalton Transactions RSC</i> , 2002, , 3603-3610.	2.3	9
75	Reactions of tetrphosphine complex $[\text{Mo}\{\text{meso-}o\text{-C}_6\text{H}_4(\text{PPhCH}_2\text{CH}_2\text{PPh}_2)_2\}(\text{Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2)]$ with nitrile, CO, and isocyanide. <i>Journal of Organometallic Chemistry</i> , 2002, 658, 106-116.	0.8	14
76	Synthesis and characterization of heterobimetallic η^4 -hydrosulfido complexes containing Groups 9 and 10 metals. <i>Inorganica Chimica Acta</i> , 2002, 339, 188-192.	1.2	12
77	Preparation of Mononuclear Tungsten Tris(sulfido) and Molybdenum Sulfido-Tetrasulfido Complexes with Hydridotris(pyrazolyl)borate Coligand and Conversion of the Former into Sulfido-Bridged Bimetallic Complex Having $\text{Pt}(\eta^4\text{-S})_2\text{WS}$ Core. <i>Inorganic Chemistry</i> , 2001, 40, 1677-1682.	1.9	66
78	Addition of bridging-hydrosulfido ligands in diiridium complex to acrylonitrile. Synthesis of diiridium cyanoethylthiolato complexes and RuIr_2 sulfido-cyanoethylthiolato cluster. <i>Canadian Journal of Chemistry</i> , 2001, 79, 632-634.	0.6	18
79	Preparation of Mo and W Complexes Containing a New Linear Tetradentate Phosphine Ligand $\text{meso-}o\text{-C}_6\text{H}_4(\text{PPhCH}_2\text{CH}_2\text{PPh}_2)_2$ from Dinitrogen Complexes $\text{trans-}[\text{M}(\text{N}_2)_2(\text{Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2)_2]$ ($\text{M} = \text{Mo}, \text{W}$). <i>Bulletin of the Chemical Society of Japan</i> , 2001, 74, 561-567.	2.0	18
80	Transformation of organic molecules on the low-valent $\{\text{M}(\text{Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2)_2\}$ moiety derived from $\text{trans-}[\text{M}(\text{N}_2)_2(\text{Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2)_2]$ or related complexes ($\text{M} = \text{MO}, \text{W}$). <i>Chemical Record</i> , 2001, 1, 349-361.	2.9	14
81	Preparation of Sulfide-Bridged Di- or Trinuclear Pyrrolylimido and Diazoalkane Complexes Derived from a Tungsten Dinitrogen Complex. <i>Bulletin of the Chemical Society of Japan</i> , 2000, 73, 631-639.	2.0	5
82	A High-Spin Cyanide-Bridged Mn_9W_6 Cluster ($S=39/2$) with a Full-Capped Cubane Structure. <i>Journal of the American Chemical Society</i> , 2000, 122, 2952-2953.	6.6	367
83	Crystal Structure and Magnetic Properties of an Octacyanometalate-Based Three-Dimensional Tungstate(V)-Manganese(II) Bimetallic Assembly. <i>Inorganic Chemistry</i> , 2000, 39, 5095-5101.	1.9	146
84	Syntheses of a dinuclear Ir complex containing bridging tetraselenide ligands $[(\text{C}_5\text{Me}_5)_2\text{Ir}_2(\eta^4\text{-Se}_4)_2(\text{C}_5\text{Me}_5)]$ and its conversion into $\text{Ir}_2\text{Pd}_2\text{Se}_3$ and $\text{Ir}_2\text{Pd}_3\text{Se}_5$ clusters. <i>Chemical Communications</i> , 2000, , 207-208.	2.2	9
85	Syntheses of diiridium complexes with two bridging tetrachalcogenide ligands $[\{\text{Ir}(\eta^5\text{-C}_5\text{Me}_5)_2(\eta^4\text{-E}_4)_2\}]$ ($\text{E} = \text{Se}$ or S) and their reactions with alkynes forming mono- or di-nuclear dichalcogenolene complexes. <i>Dalton Transactions RSC</i> , 2000, , 3546-3553.	2.3	23
86	The Cubane-Type $\text{Mo}_2\text{Ir}_2\text{S}_4$ Cluster Containing an Organohydrazido($2\eta^2$) Ligand on the Mo Site. <i>Inorganic Chemistry</i> , 2000, 39, 5002-5003.	1.9	28
87	Preparation of Dinuclear Rhodium and Iridium Complexes with Two Bridging Hydroselenido Ligands and Their Conversion into Tri- and Tetranuclear Selenido Clusters. <i>Organometallics</i> , 2000, 19, 3631-3639.	1.1	17
88	Reaction Mechanism of the $\text{C}\equiv\text{N}$ Triple Bond Cleavage of α^2 -Ketonitriles on a Molybdenum(0) Center. <i>Journal of the American Chemical Society</i> , 2000, 122, 1690-1699.	6.6	54
89	Protonation and Methylation of Zerovalent Molybdenum Complexes of the Type $\text{trans-}[\text{Mo}(\text{CNR})(\text{L})(\text{Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2)_2]$ ($\text{R} = \text{Ph}$ or Bun ; $\text{L} = \text{N}_2$, CO , or Nitrile) and $\text{trans-}[\text{Mo}(\text{CO})(\text{L}^-)(\text{Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2)_2]$ ($\text{L}^- = \text{N}_2$ or Nitrile) To Give Carbyne or Hydrido Complexes. <i>Organometallics</i> , 2000, 19, 2002-2011.	1.1	16
90	Preparation of hydrosulfido- and hydroselenido-bridged diruthenium complexes with η^6 -arene co-ligands and their conversion into new cubane-type sulfido or selenido clusters. <i>New Journal of Chemistry</i> , 2000, 24, 907-911.	1.4	29

#	ARTICLE	IF	CITATIONS
91	Synthesis and Structures of Tungsten (1-Pyridinio)imido Complexes and Their Facile N \rightarrow N Bond Cleavage. <i>Inorganic Chemistry</i> , 1999, 38, 2489-2496.	1.9	16
92	Conversion of Benzaldehyde Imines into Isocyanides at a Low-Valent Molybdenum Center. Preparation and Reactivities of Isocyanide \rightarrow Dinitrogen Complexes <i>trans</i> -[Mo(RNC)(N ₂)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂] (R = Aryl), <i>J. Organometallic Chem.</i> 1999, 567, 1-10.	1.0	0
93	Formation of Novel Tetradentate Phosphine Ligand-C ₆ H ₄ (PPhCH ₂ CH ₂ PPh ₂) ₂ by Coupling of Two Diphosphine Ligands Bound to Low-Valent Mo or W Center. Synthesis and Structure of [M(η -C ₆ H ₄ (PPhCH ₂ CH ₂ PPh ₂) ₂)(Ph ₂ PCH ₂ CH ₂ PPh ₂)] (M = Mo, W). <i>Chemistry Letters</i> , 1999, 28, 611-612.	0.7	15
94	Selective N \rightarrow N and W \rightarrow N Bond Cleavage of Tungsten Pyrrolylimido Complexes Derived from Tungsten Dinitrogen Complex. <i>Bulletin of the Chemical Society of Japan</i> , 1999, 72, 425-432.	2.0	5
95	Reactivities of the coordinated organonitriles in molybdenum(0) and tungsten(0) phosphine complexes: protonation of the nitrile carbon and cleavage of the C \equiv N triple bond. <i>Inorganica Chimica Acta</i> , 1998, 280, 163-171.	1.2	45
96	Unprecedented Conversion of Benzylideneanilines into Aryl Isocyanides Promoted by a Low-Valent Molybdenum Complex. X-ray Structure of <i>trans</i> -[Mo(CNPh)(N ₂)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂]. <i>Organometallics</i> , 1998, 17, 1010-1012.	1.1	11
97	Synthesis and Structure Determinations of Complexes Containing a Five-Membered Lactam Structure Based on Organohydrazido(2 \rightarrow) Ligands. <i>Inorganic Chemistry</i> , 1997, 36, 161-171.	1.9	25
98	Synthesis of Tungsten (1-Pyridinio)imido Complexes: Facile N \rightarrow N Bond Cleavage To Form Pyridine from Coordinated Dinitrogen. <i>Inorganic Chemistry</i> , 1996, 35, 5118-5119.	1.9	21
99	Synthesis and Reactivities of Pyrrolylimido Complexes of Molybdenum and Tungsten: Formation of Pyrrole and N-Aminopyrrole from Molecular Nitrogen. <i>Journal of the American Chemical Society</i> , 1995, 117, 12181-12193.	6.6	50
100	Preparation and properties of molybdenum and tungsten dinitrogen complexes. 43. Conjugate additions of organocuprates to α,β -unsaturated diazoalkane complexes of molybdenum and tungsten: β -monoalkylation and α,β -difunctionalization of α,β -unsaturated diazoalkane ligands. <i>Organometallics</i> , 1994, 13, 364-369.	1.1	7
101	1-Pyrrolylimido Complexes of Molybdenum and Tungsten: Synthesis of Pyrrole from Molecular Dinitrogen and Unusual β -Regioselective Substitution Reactions of the Pyrrole Ring on a Metal Complex. <i>Journal of the American Chemical Society</i> , 1994, 116, 7433-7434.	6.6	35
102	Preparation and properties of molybdenum and tungsten dinitrogen complexes. 39. Alkenyldiazenido complexes of molybdenum and tungsten derived from dinitrogen complexes: their synthesis, characterization, and novel reactivities. <i>Journal of the American Chemical Society</i> , 1992, 114, 9890-9898.	6.6	22