

Rudy L Luck

List of Publications by Year in descending order

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218381

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all docs

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#	ARTICLE	IF	CITATIONS
1	Free-radical catalyzed oxidation reactions with cyclohexene and cyclooctene with peroxides as initiators. <i>Journal of Physical Organic Chemistry</i> , 2022, 35, .	0.9	4
2	Near-infrared fluorescent probe based on rhodamine derivative for detection of NADH in live cells. <i>Methods</i> , 2022, 204, 22-28.	1.9	11
3	A two-photon fluorogenic probe based on a coumarin schiff base for formaldehyde detection in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 274, 121074.	2.0	7
4	Near-infrared fluorescent probe based on cyanine scaffold for sensitive detection of uranyl ions in living cells and water samples. <i>Microchemical Journal</i> , 2022, 180, 107619.	2.3	19
5	Syntheses, theoretical studies, and crystal structures of $[Ni(II)SSRR](PF_6)_2$ and $[Ni(II)SRSR](Cl)(PF_6)$ that contains anagostic interactions. <i>Canadian Journal of Chemistry</i> , 2021, 99, 137-146.	0.6	0
6	A near-infrared fluorescent probe based on a hemicyanine dye with an oxazolidine switch for mitochondrial pH detection. <i>Journal of Materials Chemistry B</i> , 2021, 9, 857-863.	2.9	30
7	A ratiometric near-infrared fluorescent probe based on a novel reactive cyanine platform for mitochondrial pH detection. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5150-5161.	2.9	21
8	Ratiometric Near-Infrared Fluorescent Probes Based on Hemicyanine Dyes Bearing Dithioacetal and Formal Residues for pH Detection in Mitochondria. <i>Molecules</i> , 2021, 26, 2088.	1.7	9
9	Ratiometric Detection of Glutathione Based on Disulfide Linkage Rupture between a FRET Coumarin Donor and a Rhodamine Acceptor. <i>ChemBioChem</i> , 2021, 22, 2282-2291.	1.3	15
10	Hydrochloric Acid Modification and Lead Removal Studies on Naturally Occurring Zeolites from Nevada, New Mexico, and Arizona. <i>Processes</i> , 2021, 9, 1238.	1.3	2
11	Ratiometric fluorescent probes based on through-bond energy transfer of cyanine donors to near-infrared hemicyanine acceptors for mitochondrial pH detection and monitoring of mitophagy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1603-1615.	2.9	43
12	Cell Membrane-Specific Fluorescent Probe Featuring Dual and Aggregation-Induced Emissions. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 20172-20179.	4.0	38
13	Fluorescent probes with high pKa values based on traditional, near-infrared rhodamine, and hemicyanine fluorophores for sensitive detection of lysosomal pH variations. <i>Methods</i> , 2019, 168, 40-50.	1.9	13
14	Syntheses, X-ray structure, emission and vibrational spectroscopies, DFT and thermogravimetric oxide. <i>Journal of Coordination Chemistry</i> , 2019, 72, 2574-2585.	0.8	0
15	Near-Infrared Hybrid Rhodol Dyes with Spiropyran Switches for Sensitive Ratiometric Sensing of pH Changes in Mitochondria and <i>Drosophila melanogaster</i> First-Instar Larvae. <i>ACS Applied Bio Materials</i> , 2019, 2, 4986-4997.	2.3	27
16	Near-infrared fluorescent probes based on TBET and FRET rhodamine acceptors with different p <i>K_a</i> values for sensitive ratiometric visualization of pH changes in live cells. <i>Journal of Materials Chemistry B</i> , 2019, 7, 198-209.	2.9	52
17	A FRET-Based Near-Infrared Fluorescent Probe for Ratiometric Detection of Cysteine in Mitochondria. <i>ChemBioChem</i> , 2019, 20, 1986-1994.	1.3	18
18	Near-infrared fluorescent probes with BODIPY donors and rhodamine and merocyanine acceptors for ratiometric determination of lysosomal pH variance. <i>Sensors and Actuators B: Chemical</i> , 2019, 294, 1-13.	4.0	63

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19	Detecting Zn(II) Ions in Live Cells with Near-Infrared Fluorescent Probes. <i>Molecules</i> , 2019, 24, 1592.	1.7	23
20	Photoluminescent properties of three lanthanide compounds of formulae $\text{LnCl}_3(\text{diphenyl}((5\text{-phenyl-1H-pyrazol-3-yl)methyl)phosphine oxide)_2$, $\text{Ln} = \text{Sm}, \text{Eu}$ and Tb : X-ray structural, emission and vibrational spectroscopies, DFT and thermogravimetric studies. <i>Inorganica Chimica Acta</i> , 2018, 471, 481-492.	1.2	6
21	Production of trimethylaluminum (Me ₃ Al) with counterfeit refrigerant chloromethane (R-40), reactivity of Me ₃ Al with refrigerant oils and methods to deactivate Me ₃ Al. <i>Cogent Chemistry</i> , 2018, 4, 1487258.	2.5	0
22	A Near-Infrared Fluorescent Probe Based on a FRET Rhodamine Donor Linked to a Cyanine Acceptor for Sensitive Detection of Intracellular pH Alternations. <i>Molecules</i> , 2018, 23, 2679.	1.7	26
23	New Near-Infrared Fluorescent Probes with Single-Photon Anti-Stokes-Shift Fluorescence for Sensitive Determination of pH Variances in Lysosomes with a Double-Checked Capability. <i>ACS Applied Bio Materials</i> , 2018, 1, 549-560.	2.3	35
24	New near-infrared rhodamine dyes with large Stokes shifts for sensitive sensing of intracellular pH changes and fluctuations. <i>Chemical Communications</i> , 2018, 54, 7625-7628.	2.2	62
25	Oxidation of olefins using atmospheric oxygen atoms initiated by tert-butylhydroperoxide or hydrogen peroxide with silver nanoparticles deposited on MCM-41 as catalysts. <i>Green Chemistry</i> , 2016, 18, 3354-3359.	4.6	27
26	Syntheses and characterization of the vanadium trimer $(\text{V}_3(\mu_3\text{-O})\text{O}_2)(\mu_2\text{-O})_2\text{P}(\text{CH}_2)_6\text{C}_6\text{H}_5$ and the vanadium hexamer $[(\text{V}_3(\mu_3\text{-O})\text{O}_2)(\mu_2\text{-O})_2\text{P}(\text{CH}_2)_6\text{C}_6\text{H}_5]_2$. <i>Journal of Coordination Chemistry</i> , 2016, 69, 2342-2352.	0.8	1
27	Bimetallic nickel complexes supported by 2,5-bis(phosphine)-1,4-hydroquinonate ligands. Structural, electrochemical and theoretical investigations. <i>Inorganica Chimica Acta</i> , 2015, 424, 274-285.	1.2	6
28	Dicopper moieties stabilized by Fréchet-type dendrons: Syntheses and structural characterizations. <i>Polyhedron</i> , 2014, 80, 206-215.	1.0	1
29	Polymorphs or solvates? Coordination of 3,5-dihydroxybenzoate to copper and zinc metal centers. <i>Inorganica Chimica Acta</i> , 2013, 394, 729-740.	1.2	10
30	Ditopic ligands featuring [P,S], [P,P] or [P,B] chelating pockets housed on a protected o-hydroquinone core. <i>Journal of Organometallic Chemistry</i> , 2013, 724, 45-50.	0.8	4
31	Bis(μ_2 -[(butane-2,3-diylidene)bis(azanylylidene)]dibenzenethiolato)dizinc(II) dimethyl sulfoxide methanol (2/0.18/0.82). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 1116-1119.	0.4	3
32	Controlled Knoevenagel reactions of methyl groups of 1,3,5,7-tetramethyl BODIPY dyes for unique BODIPY dyes. <i>RSC Advances</i> , 2012, 2, 404-407.	1.7	52
33	Syntheses and Structures of Three Complexes of Formulae $[\text{L}_3\text{Co}(\mu_2\text{-O})_2\text{P}(\text{Bn})_2\text{Co}]_3[\text{L}^3]$, Featuring Octahedral and Tetrahedral Cobalt(II) Geometries; Variable-Temperature Magnetic Susceptibility Measurement and Analysis on $[\text{L}_3\text{Co}(\mu_2\text{-O})_2\text{P}(\text{Bn})_2\text{Co}]_3[\text{ClO}_4]_3$. <i>Inorganica Chimica Acta</i> , 2012, 355, 1005-1015.	1.9	10
34	Syntheses, X-ray Structural Characterizations, and Thermal Stabilities of Two Nonclassical Trinuclear Vanadium(IV) Complexes, $(\text{V}_3(\mu_3\text{-O})\text{O}_2)(\mu_2\text{-O})_2\text{P}(\text{CH}_2)_6\text{C}_6\text{H}_5$ and $(\text{V}_3(\mu_3\text{-O})\text{O}_2)(\mu_2\text{-O})_2\text{P}(\text{CH}_2)_6\text{C}_6\text{H}_5\text{H}_5$.		

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37	Ferrosalen and Ferrosalen-Type Ligands: Structural Modulation and Applications in Asymmetric Catalysis. <i>Organometallics</i> , 2011, 30, 2609-2616.	1.1	6
38	Expanding molecular transition metal cubane clusters of the form $[M_4(\mu_3-O)_4]^{12+}$: syntheses, spectroscopic and structural characterizations of molecules $M_4(\mu_3-O)_4(O_2P(Bn)_2)_4(O_4)$, M = W and V. <i>Dalton Transactions</i> , 2011, 40, 11356.	1.6	11
39	Synthesis and Structural Characterization of a Dimolybdenum Complex Bridged by the Hydroxymethylphenylphosphinate Ligand. <i>Journal of Chemical Crystallography</i> , 2011, 41, 1317-1322.	0.5	1
40	Syntheses, ⁹⁵ Mo NMR Spectroscopy and Structures of Distorted Cubic $Mo_4(\mu_3-O)_4(\mu_2-O_2P(CH_2C_6H_5)_2)_4O_4$ and the Open Mixed-Valent Cluster, $Mo_4(\mu_3-O)_2(\mu_2-O_2P(CH_2C_6H_5)_2)_6O_6$. <i>Journal of Cluster Science</i> , 2011, 22, 193-210.		10
41	Synthesis and characterization of four cubical molybdenum(V) tetramers and their catalytic properties for the epoxidation of cis-cyclooctene using H ₂ O ₂ . <i>Inorganica Chimica Acta</i> , 2011, 373, 85-92.	1.2	19
42	Stereoselective synthesis of a chiral ferrosalen ligand using an aromatization strategy. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2047-2052.	0.8	3
43	Highly efficient olefin oxidation catalysts based on regular nano-particles of titanium-containing mesoporous molecular sieves. <i>Journal of Colloid and Interface Science</i> , 2011, 353, 519-523.	5.0	11
44	2-[(1-{3-(dimethylazaniumyl)propyl}methylamino)ethylidene]azaniumyl]nonahydro-closo-decaborate dimethyl sulfoxide disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1682-o1683.	0.2	4
45	Synthesis of Mo(V) Dimers of the Form $[Mo_2O_2(acac)_2(\mu_3-O)(\mu_3-OC_2H_5)(\mu_3-O_2CR)]$, the Tetramer $[Mo_2O_2(acac)_2(\mu_3-O)(\mu_3-OC_2H_5)(\mu_3-O_2C)C_6H_4(p-\mu_3-O_2C)Mo_2O_2(acac)_2(\mu_3-O)(\mu_3-OC_2H_5)]$, and the Crystal and Molecular Structures of $[Mo_2O_2(acac)_2(\mu_3-O)(\mu_3-OC_2H_5)(\mu_3-O_2C_6H_5)]$ and $[Mo_2O_2(acac)_2(\mu_3-O)(\mu_3-OC_2H_5)(\mu_3-O_2C_6H_4(o-OH))]$. <i>Journal of Cluster Science</i> , 2010, 21, 525-541.	1.7	4
46	Synthesis and characterisation of new molybdenum μ_3 -oxo complexes containing diphenylphosphinylacetic acid and 2-(tert-butylsulphoxide)phenyldiphenylphosphine oxide as bidentate ligands. <i>Inorganica Chimica Acta</i> , 2010, 363, 1818-1822.	1.2	3
47	tert-Butyl 2-(4-chlorobenzoyl)-2-methylpropanoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o493-o494.	0.2	3
48	tert-Butyl 2-methyl-2-(4-nitrobenzoyl)propanoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o495-o496.	0.2	3
49	tert-Butyl 2-methyl-2-(4-methylbenzoyl)propanoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o491-o492.	0.2	3
50	tert-Butyl 2-benzoyl-2-methylpropanoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o489-o490.	0.2	3
51	Molybdenum(VI) network polymers based on anion- π interaction and hydrogen bonding: Synthesis, crystal structures and oxidation catalytic application. <i>Solid State Sciences</i> , 2009, 11, 1955-1960.	1.5	3
52	Mechanistic Studies of C \equiv C Bond Cleavage of Nitriles by Dinuclear Metal Cryptates. <i>Chemistry - A European Journal</i> , 2009, 15, 12399-12407.	1.7	38
53	Two hydrogen-bond-cross-linked molybdenum (VI) network polymers: synthesis, crystal structures and cyclooctene epoxidation with H ₂ O ₂ . <i>Structural Chemistry</i> , 2009, 20, 869-876.	1.0	10
54	Synthesis of cyclic allyl vinyl ethers using Pt(II)-catalyzed isomerization of oxo-alkynes. <i>Tetrahedron</i> , 2009, 65, 2643-2648.	1.0	19

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55	Color Tuning of Polyfluorene Emission with BODIPY Monomers. <i>Macromolecules</i> , 2009, 42, 1995-2001.	2.2	106
56	Rational Synthesis of Molybdenum(V) Tetramers Consisting of [Mo ₂ O ₄] ²⁺ Dimers Held Together by Bridging Phosphinate Ligands and the Tungsten(VI) Dimer [(CH ₃ O) ₂ (O)W(1/4-O)(1/4-O ₂ PPh ₂) ₂ W(O)(CH ₃ O) ₂]: Structural and Theoretical Considerations. <i>Journal of Cluster Science</i> , 2008, 19, 181-195.	1.7	15
57	Cyclooctene epoxidation with H ₂ O ₂ and single crystal X-ray determined crystal structures of new molybdenum and tungsten catalysts bearing the hydrophilic ligand hydroxymethyldiphenylphosphine oxide. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1564-1571.	0.8	35
58	1,4-Bis(phosphine)-2,5-difluoro-3,6-dihydroxybenzenes and their P-oxides: Syntheses, structures, ligating and electronic properties. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3263-3272.	0.8	16
59	Synthesis, structures and ligating properties of 2,6-bis(phosphino)thiophenol derivatives. <i>Inorganica Chimica Acta</i> , 2008, 361, 1349-1356.	1.2	3
60	Hydrogen-bond-supported 3D Networks: Two Different Polymeric Structures Featuring Chlorine Atoms as Ligands and as Anions and Investigations as Epoxide Catalysts. <i>Chemistry Letters</i> , 2008, 37, 1144-1145.	0.7	5
61	Steric and Electronic Effects of Benzoferrocenyl Phosphine Ligands on Palladium-Catalyzed Allylic Alkylation and Suzuki Coupling Reactions. <i>Open Organic Chemistry Journal</i> , 2008, 2, 1-9.	0.9	2
62	Oxidation of Alcohols with Hydrogen Peroxide Catalyzed by Molybdenum(VI) "Peroxo Complex under Solvent-free Conditions. <i>Chemistry Letters</i> , 2007, 36, 1236-1237.	0.7	13
63	A Two-Dimensional, Hydrogen-Bond-Cross-Linked Molybdenum(VI) Network Polymer with Catalytic Activity. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 1215-1218.	1.0	16
64	Novel benzoferrocenyl chiral ligands: Synthesis and evaluation of their suitability for asymmetric catalysis. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 1956-1962.	0.8	16
65	A Reinvestigation of the Reactions of Amines and Alcohols with 6,9-Bis(Acetonitrile)Decaborane. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2006, 36, 777-785.	0.6	9
66	Synthesis and Catalytic Epoxidation Activity with TBHP and H ₂ O ₂ of Dioxo-, Oxoperoxo-, and Oxodiperoxo Molybdenum(VI) and Tungsten(VI) Compounds Containing Monodentate or Bidentate Phosphine Oxide Ligands: Crystal Structures of WCl ₂ (O) ₂ (OPMePh ₂) ₂ , WCl ₂ (O)(O ₂)(OPMePh ₂) ₂ , MoCl ₂ (O) ₂ dppmO ₂ ·C ₄ H ₁₀ O, WCl ₂ (O) ₂ dppmO ₂ , Mo(O)(O ₂) ₂ dppmO ₂ , and W(O)(O ₂) ₂ dppmO ₂ . <i>Inorganic Chemistry</i> , 2006, 45, 10391-10402.	1.9	88
67	Synthesis of 2,6-Bis(bis(2-(methylthio)phenyl)phosphino)-4-methylphenol, a Novel Polydentate Ligand Containing Two Tripodal [S,S,P,O] Coordination Pockets; Crystal Structure of the Dimeric Thallium(I) Complex. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 1879-1884.	0.6	5
68	New binucleating ligand with two [P,S] chelation pockets on a single phenyl ring: Syntheses and X-ray structures of 1,4-bis(diphenylphosphino)-2,5-difluoro-3,6-bis(methylthio)benzene and of bimetallic complex (CO) ₃ Fe(1/4-[(PPh ₂)(SMe)C ₆ F ₂ (SMe)(PPh ₂))]Fe(CO) ₃ . <i>Journal of Organometallic Chemistry</i> , 2006, 691, 5024-5029.	0.8	3
69	Preparation and crystal structure of a quadruply bonded dimolybdenum complex with trans-crotonate ligands. <i>Journal of Chemical Crystallography</i> , 2006, 36, 205-210.	0.5	2
70	Syntheses of symmetric and unsymmetric 2,6-bis(phosphino)phenols. <i>Heteroatom Chemistry</i> , 2006, 17, 656-663.	0.4	19
71	Crystal structures of MoCl ₂ (O)(O ₂)(OPMePh ₂) ₂ and mixtures of MoCl ₂ (O ₂)(OPPh ₃) ₂ and MoCl ₂ (O)(O ₂)(OPPh ₃) ₂ : allylic alcohol isomerization studies using MoCl ₂ (O)(O ₂)(OPMePh ₂) ₂ . <i>Inorganica Chimica Acta</i> , 2005, 358, 933-940.	1.2	15
72	Synthesis and structural characterizations of para-bis(dialkyl/diarylphosphino)phenylenes built around tetrahalogenated benzene cores. <i>Inorganica Chimica Acta</i> , 2005, 358, 3423-3429.	1.2	6

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73	Sol-gel synthesis, characterization and catalytic property of silicas modified with oxomolybdenum complexes. Journal of Molecular Catalysis A, 2005, 241, 8-14.	4.8	32
74	Construction of a three-dimensional network with open channels via Ag-Ag and I-I interactions between nanoscale sized molecular chains. Journal of Molecular Structure, 2005, 740, 143-146.	1.8	11
75	Reexamination of the structure of MoO(O ₂) ₂ (H ₂ O)(hmpa), hmpa=hexamethylphosphoramide by crystallographic and theoretical means. Journal of Molecular Structure, 2005, 754, 96-99.	1.8	4

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91	(2-Ethoxycarbonyl-3,5-dihydroxyphenyl)acetic acid monohydrate, an intermediate in the Pechmann reaction. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, o1387-o1388.	0.2	2
92	Polymeric (diphenylphosphinato)tetrahydrofuranlithium. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, m735-m736.	0.2	3
93	Syntheses, structures and electrochemistry of two complexes containing quadruply bonded dimolybdenum atoms. <i>Inorganica Chimica Acta</i> , 2002, 329, 51-58.	1.2	10
94	The effects, assessed by electrochemical techniques and single crystal structures, of ortho substitution on benzoate ligands supporting the quadruply-bonded dimolybdenum bond. <i>Inorganica Chimica Acta</i> , 2002, 340, 147-154.	1.2	6
95	A two-dimensional coordination polymer with a brick wall structure and hydrophobic channels: synthesis and structure of a macrocyclic nickel(ii) complex with 1,3,5-benzenetricarboxylate. <i>CrystEngComm</i> , 2001, 3, 168.	1.3	12
96	[NiL1]3[Cr(CN)6]2·18H2O [L1=3,10-bis(2-hydroxyethyl)-1,3,5,8,10,12-hexaazacyclotetradecane]: a two-dimensional bimetallic assembly exhibiting antiferromagnetic ordering and metamagnetic behavior. <i>New Journal of Chemistry</i> , 2001, 25, 875-878.	1.4	28
97	Quadruply Bonded Dimolybdenum Atoms Surrounded by Dendrons: Preparation, Characterization, and Electrochemistry. <i>Journal of the American Chemical Society</i> , 2001, 123, 3615-3616.	6.6	17
98	Synthesis and Characterization of ReCl(H2)(AsMePh2)4, a Classical Hydride Complex; Reexamination of ReCl(H2)(PMePh2)4 and Theoretical Calculations on Model Compounds. <i>Inorganic Chemistry</i> , 2001, 40, 3463-3467.	1.9	17
99	The Br and I analogues of ReCl(H2)(PMePh2)4; crystal structures of ReBr(H2)(PMePh2)4 and the [ReO2(Py)4]+ cation; possible solution state evidence of Re ^{VI} -N(Py) interactions as evident in T1 measurements. <i>Polyhedron</i> , 2001, 20, 773-782.	1.0	13
100	meso-1,2-Bis(methylazo)-1,2-diphenylethane. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 1429-1430.	0.4	1
101	Circularly polarized luminescence and structural studies of a dysprosium(III) complex with an octadentate macrocyclic ligand bearing benzylphosphinate groups. <i>Inorganica Chimica Acta</i> , 2001, 317, 331-337.	1.2	17
102	Direct photolytic route to trans-Cr(CO)4(AsPh3)2 and crystal structures of cis-Mo(CO)4(AsPh3)2 and cis-W(CO)4(AsPh3)2. <i>Inorganica Chimica Acta</i> , 2001, 318, 77-83.	1.2	9
103	2,4,4-Trimethyl-2-phenyl-3-pentanone oxime. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000, 56, 602-603.	0.4	8
104	Tetraammonium benzene-1,2,4,5-tetracarboxylate tetrahydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000, 56, e591-e591.	0.4	1
105	1-[(1,3-Dihydro-2-benzothienyl)acetyl]-1H-indole-5-oxide. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999, 55, 1873-1874.	0.4	0
106	2-tert-Butyl-9,10-dibromoanthracene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999, 55, 2090-2091.	0.4	0
107	The Source of the Cloud Produced upon Adding Dry Ice to Water. <i>Journal of Chemical Education</i> , 1998, 75, 60.	1.1	7
108	5-Deoxy-5-C-(5-ethoxycarbonyl-1,2,3-triazol-1-yl)-1,2-O-isopropylidene-β-D-xylofuranose. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1997, 53, 120-122.	0.4	2

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109	(6S)-8-C-Chloro-6,7,8-trideoxy-1,2:3,4-di-O-isopropylidene- β -D-galacto-octa-6,7-dienopyranose. Acta Crystallographica Section C: Crystal Structure Communications, 1997, 53, 236-238.	0.4	0
110	Enthalpies of vaporization of some highly branched hydrocarbons. Journal of Chemical Thermodynamics, 1995, 27, 693-705.	1.0	46
111	Sorption and coprecipitation of trace concentrations of thorium with various minerals under conditions simulating an acid uranium mill effluent environment. Inorganica Chimica Acta, 1995, 229, 247-252.	1.2	17
112	Rhenium Dihydrogen Complexes and Long H-H Interactions: X-ray-Determined Single-Crystal Structures of $\text{ReCl}(\eta\text{-}2\text{-H}_2)(\text{Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2)_2 \cdot \text{THF}$ and $[\text{ReO}_2(\text{Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2)_2][\text{ReO}_4]$. Inorganic Chemistry, 1994, 33, 879-883.	1.9	20
113	Structure of bis[<i>cis</i> -1,2-bis(diphenylphosphino)ethylene]dichlororhenium(II) hexane solvate. Acta Crystallographica Section C: Crystal Structure Communications, 1993, 49, 1424-1426.	0.4	4
114	Another bogus isomer: <i>sic transit</i> "green tetrachlorotetrakis(methyldiphenylphosphine)dimolybdenum". The x-ray crystal structure determination of trichlorobis(methyldiphenylphosphine oxide)oxomolybdenum.benzene. Inorganic Chemistry, 1993, 32, 1868-1870.	1.9	15
115	Heterobimetallic edge-sharing bioctahedral complexes. Synthesis, characterization, and singlet-triplet separations as determined by phosphorus-31 nuclear magnetic resonance. Inorganic Chemistry, 1992, 31, 5308-5315.	1.9	22
116	Synthesis and characterization of a dimeric molybdenum(V) anion $[\text{Br}_2\text{OMo}(\mu\text{-S})_2\text{MoOBr}_2]^{2-}$; conversion of tetrahydrofuran to $[\text{nBu}_3\text{P}(\text{CH}_2)_4\text{PnBu}_3]^{2+}$. Inorganic Chemistry, 1991, 30, 1155-1157.	1.9	14
117	Crystal and molecular structures of $\text{Mo}_2\text{Cl}_4(\text{PMePh}_2)_4$ and $\text{Re}_2\text{Cl}_4(\text{PMePh}_2)_4$. Journal of the Chemical Society Dalton Transactions, 1991, , 579.	1.1	13
118	Synthesis and characterization of the first multiply bonded [molybdenum-tungsten] heteronuclear edge-sharing bioctahedral complex, $\text{MoWCl}_4(\mu\text{-Cl})(\mu\text{-H})(\mu\text{-dppm})_2$. Inorganic Chemistry, 1991, 30, 4370-4373.	1.9	16
119	Solution and solid-state conformational isomers of the molecular dihydrogen complex chloro(dihydrogen)tetrakis(methyldiphenylphosphine)rhenium: does it contain an asymmetric molecular dihydrogen ligand?. Inorganic Chemistry, 1991, 30, 767-774.	1.9	26
120	Preparation and structure of $[\text{Cl}_2\text{W}(\mu\text{-Cl})(\mu\text{-dmpm})_2(\mu\text{-}2\text{-PMe}_2)\text{WCl}(\eta\text{-}2\text{-CH}_2\text{PMe}_2)]\text{Cl}$, a product of an unusual cleavage of the dmpm ligand. Organometallics, 1991, 10, 352-356.	1.1	19
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126	The structure of the face-sharing bioctahedral hexachloro(tris-triethylphosphino)-dimolybdenum(III) molecule. Inorganica Chimica Acta, 1990, 173, 131-132.	1.2	9

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136	Variable temperature T ₁ studies on rhenium hydrido phosphine complexes, ReH ₅ (PPh ₃) ₃ , PR ₃ =PMePh ₂ and PPh ₃ , ReH ₇ (PPh ₃) ₂ , and Re ₂ H ₈ (PPh ₃) ₄ . Classical or nonclassical hydrides?. <i>Inorganic Chemistry</i> , 1989, 28, 6-8.	1.9	18
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138	X-ray crystal structure of ReH ₅ (PPh ₃) ₃ and variable-temperature T ₁ studies of ReH ₅ (PPh ₃) ₃ and ReH ₅ (PMe ₂ Ph) ₃ in various solvents; are T ₁ measurements reliable in predicting whether polyhydride complexes contain molecular hydrogen ligands?. <i>Journal of the American Chemical Society</i> , 1989, 111, 5757-5761.	6.6	33
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141	Biological monitoring of workers exposed to benzene in the coke oven industry.. <i>Occupational and Environmental Medicine</i> , 1988, 45, 256-261.	1.3	16
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143	Complexes containing unbridged homonuclear or heteronuclear quadruple bonds. Crystal and molecular structures of MoWCl ₄ (PMePh ₂) ₄ , MoWCl ₄ (PMe ₃) ₄ , and Cl ₂ (PMe ₃) ₂ MoWCl ₂ (PMePh ₂) ₂ . <i>Inorganic Chemistry</i> , 1987, 26, 2422-2429.	1.9	16
144	The photoelectron spectrum of MoWCl ₄ (PMe ₃) ₄ : the position of the valence $\hat{\imath}$ f-ionization in quadruply bonded compounds. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 898-899.	2.0	5

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145	The influence of the steric properties of the ligands PR ₂ Ph and L on the formation and properties of the complexes Mo(η -6-PhPR ₂)(L)(PPh ₂ CH ₂ CH ₂ PPh ₂), R = Et, L = PPhEt ₂ and R = Ph, L = PPh ₃ , PR ₂ = CO, CNR, N ₂ , H ₂ . Journal of Organometallic Chemistry, 1985, 284, 243-255.	0.8	5
146	Complexes [Mo(N ₂)(PPh ₃) ₂] ₂ and [Mo(CNR)(PPh ₃) ₂] ₂ (R = n-butyl and tert-butyl) containing bridging η -1, η -6-triphenylphosphine ligands. The molecular structure of [Mo(μ - η -1, η -6-PPh ₃)(PPh ₃)(CN(CH ₂) ₃ Me)] ₂ . Organometallics, 1984, 3, 1009-1014.	1.1	15
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