Robert H Morris

List of Articles by Year
in descending order

114 PR articles	8,966 PR citations	88531 37 PR h-index	39781 93 g-index
123 documents	11127 doc citations	80474 41 h-index	11085 citing authors

#	Article	IF	Citations
1	A homochiral Nickel(II) complex [Ni(P'N)2]Cl2: Synthesis, characterization, crystal structure, luminescence, DFT and Hirshfeld surface studies. Journal of Molecular Structure, 2025, 1322, 140292.	4.1	2
2	Synthesis, crystal structure and computational studies of a new cationic manganese complex with a N-(2-(diisopropylphosphinyl)ethyl)quinolin-8-amine ligand. Journal of Molecular Structure, 2025, 1343, 142835.	4.1	0
3	Reactivity umpolung (reversal) of ligands in transition metal complexes. Chemical Society Reviews, 2024, 53, 2808-2827.	37.7	14
4	Synthesis of N-Heterocyclic Carbene Complexes by Oxidative Addition of 4-Iodo-imidazolium Salts Followed by an Unusual Rearrangement. Organometallics, 2024, 43, 532-539.	2.9	3
5	Mechanochemical Synthesis of Chromium(III) Complexes Containing Bidentate PN and Tridentate P-NH-P and P-NH-Pâ€² Ligands. ACS Omega, 2024, 9, 19690-19699.	4.3	3
6	Insights into the chemistry of Kubasâ€™ chromium dihydrogen complexes. Inorganica Chimica Acta, 2024, 569, 122147.	2.8	3
7	Relationship between Transition-Metal Hydride Bond Lengths and Stretching Wavenumbers. Inorganic Chemistry, 2024, 63, 24482-24487.	4.6	6
8	Trans Ligand Determines the Stability of Paramagnetic Manganese(II) Hydrides of the Type trans-[MnH(L)(dmpe)2]+ Where L is PMe3, C2H4, or CO. Inorganic Chemistry, 2023, 62, 8123-8135.	4.6	6
9	Electronic insights into aminoquinoline-based PNHN ligands: protonation state dictates geometry while coordination environment dictates Nâ€"H acidity and bond strength. Dalton Transactions, 2022, 51, 11241-11254.	3.0	1
10	Osmium(II)-Induced Rearrangement of Allenols for Metallafuran Complexes. Organometallics, 2022, 41, 1931-1941.	2.9	7
11	A Ruthenium Protic N-Heterocyclic Carbene Complex as a Precatalyst for the Efficient Transfer Hydrogenation of Aryl Ketones. Organometallics, 2022, 41, 2095-2105.	2.9	16
12	Density Functional Theory Study on the Selective Reductive Amination of Aldehydes and Ketones over Their Reductions to Alcohols Using Sodium Triacetoxyborohydride. ACS Omega, 2022, 7, 30554-30564.	4.3	6
13	A Plausible Mechanism for the Iridium-Catalyzed Hydrogenation of a Bulky N-Aryl Imine in the (S)-Metolachlor Process. Molecules, 2022, 27, 5106.	4.2	4
14	Electrochemistry of transition metal hydride diphosphine complexes trans-MH(X)(PP)2 and trans-[MH(L)(PP)2]+, MÂ=ÂFe, Ru, Os; PPÂ=Âchelating phosphine ligand. Inorganica Chimica Acta, 2021, 516, 120124.	2.8	6
15	Enantioselective direct, base-free hydrogenation of ketones by a manganese amido complex of a homochiral, unsymmetrical Pâ€"Nâ€"Pâ€² ligand. Catalysis Science and Technology, 2021, 11, 3153-3163.	4.0	45
16	Tridentate NPN Ligands with a Central Secondary Phosphine Oxide Donor and their Corresponding Metal Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1436-1441.	0.9	1
17	Trans Element-Hydrogen Bonds: A Distinctive Difference Between Transition Metals and Main Group Elements. Inorganic Chemistry, 2021, 60, 13920-13928.	4.6	1
18	Mechanistic Similarities and Differences for Hydrogenation of Aromatic Heterocycles and Aliphatic Carbonyls on Sulfided Ru Nanoparticles. ACS Catalysis, 2021, 11, 12585-12608.	12.4	9

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19	A One-Step Preparation of Tetradentate Ligands with Nitrogen and Phosphorus Donors by Reductive Amination and Representative Iron Complexes. Inorganic Chemistry, 2020, 59, 11041-11053.	4.6	7
20	Using natureâ€™s blueprint to expand catalysis with Earth-abundant metals. Science, 2020, 369, .	36.2	506
21	Systematic Trends in the Electrochemical Properties of Transition Metal Hydride Complexes Discovered by Using the Ligand Acidity Constant Equation. Journal of the American Chemical Society, 2020, 142, 17607-17629.	15.0	14
22	Crystal structure of bis[(R,R)-1,2-(binaphthylphosphonito)ethane]dichloridoiron(II) dichloromethane disolvate. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1525-1527.	0.5	1
23	Fundamentals and applications of photocatalytic CO2 methanation. Nature Communications, 2019, 10, .	13.7	452
24	Metal Hydride Vibrations: The Trans Effect of the Hydride. Inorganic Chemistry, 2019, 58, 12467-12479.	4.6	16
25	Enantioselective Hydrogenation of Activated Aryl Imines Catalyzed by an Iron(II) P-NH-Pâ€² Complex. Journal of Organic Chemistry, 2019, 84, 12040-12049.	3.5	46
26	Non-Contact Universal Sample Presentation for Room Temperature Macromolecular Crystallography Using Acoustic Levitation. Scientific Reports, 2019, 9, .	3.4	23
27	PNNâ€² & P₂NNâ€² ligands<i>via</i>reductive amination with phosphine aldehydes: synthesis and base-metal coordination chemistry. Dalton Transactions, 2019, 48, 2150-2159.	3.0	18
28	Phosphine-free ruthenium NCN-ligand complexes and their use in catalytic CO₂ hydrogenation. Dalton Transactions, 2019, 48, 16569-16577.	3.0	13
29	Physical insights into mechanistic processes in organometallic chemistry: an introduction. Faraday Discussions, 2019, 220, 10-27.	3.0	4
30	Catalytic Homogeneous Asymmetric Hydrogenation: Successes and Opportunities. Organometallics, 2019, 38, 47-65.	2.9	265
31	DFT methods applied to answer the question: how accurate is the ligand acidity constant method for estimating the pKa of transition metal hydride complexes MHXL4 when X is varied?. Dalton Transactions, 2018, 47, 2739-2747.	3.0	13
32	Iridium and Rhodium Complexes Containing Enantiopure Primary Amine-Tethered N-Heterocyclic Carbenes: Synthesis, Characterization, Reactivity, and Catalytic Asymmetric Hydrogenation of Ketones. Organometallics, 2018, 37, 491-504.	2.9	24
33	Asymmetric Transfer Hydrogenation of Ketones with Well-Defined Manganese(I) PNN and PNNP Complexes. Organometallics, 2018, 37, 4608-4618.	2.9	107
34	Estimating the Wavenumber of Terminal Metal-Hydride Stretching Vibrations of Octahedral d⁶ Transition Metal Complexes. Inorganic Chemistry, 2018, 57, 13809-13821.	4.6	33
35	Unsymmetrical Iron Pâ€NHâ€Pâ€² Catalysts for the Asymmetric Pressure Hydrogenation of Aryl Ketones. Chemistry - A European Journal, 2017, 23, 7212-7216.	3.4	86
36	Asymmetric Transfer Hydrogenation of Ketones Using New Iron(II) (Pâ€NHâ€Nâ€Pâ€²) Catalysts: Changing the Steric and Electronic Properties at Phosphorus Pâ€². Israel Journal of Chemistry, 2017, 57, 1204-1215.	2.0	26

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37	Half-Sandwich Ruthenium Catalyst Bearing an Enantiopure Primary Amine Tethered to an N-Heterocyclic Carbene for Ketone Hydrogenation. ACS Catalysis, 2017, 7, 6827-6842.	12.4	27
38	A capped trigonal pyramidal molybdenum hydrido complex and an unusually mild sulfurâ€“carbon bond cleavage reaction. Chemical Communications, 2017, 53, 11032-11035.	3.4	3
39	An acoustic on-chip goniometer for room temperature macromolecular crystallography. Lab on A Chip, 2017, 17, 4225-4230.	5.1	1
40	From imine to amine: an unexpected left turn. Cis-Î² iron(ii) PNNPâ€² precatalysts for the asymmetric transfer hydrogenation of acetophenone. Chemical Science, 2017, 8, 6531-6541.	7.1	36
41	Ketone Asymmetric Hydrogenation Catalyzed by P-NH-Pâ€² Pincer Iron Catalysts: An Experimental and Computational Study. ACS Catalysis, 2017, 7, 316-326.	12.4	87
42	Bromidocarbonyl{(1S,2S)-N-[2-(dicyclohexylphosphanyl)ethylidenyl]-Nâ€²-[2-(diphenylphosphanyl)ethyl]-1,2-diphenylethane-1,2-diamine tetraphenylborate. IUCrData, 2017, 2, .	0.3	3
43	Insights into metalâ€“ligand hydrogen transfer: a square-planar ruthenate complex supported by a tetradentate aminoâ€“amido-diolefin ligand. Chemical Communications, 2016, 52, 6138-6141.	3.4	6
44	Density Functional Theory Calculations Support the Additive Nature of Ligand Contributions to the pKa of Iron Hydride Phosphine Carbonyl Complexes. Inorganic Chemistry, 2016, 55, 9596-9601.	4.6	13
45	Aqueous biphasic iron-catalyzed asymmetric transfer hydrogenation of aromatic ketones. RSC Advances, 2016, 6, 88580-88587.	4.4	23
46	Iron Group Hydrides in Noyori Bifunctional Catalysis. Chemical Record, 2016, 16, 2644-2658.	6.7	37
47	BrÃ¸nstedâ€“Lowry Acid Strength of Metal Hydride and Dihydrogen Complexes. Chemical Reviews, 2016, 116, 8588-8654.	52.6	228
48	Exploring the decomposition pathways of iron asymmetric transfer hydrogenation catalysts. Dalton Transactions, 2015, 44, 12119-12127.	3.0	18
49	Exploiting Metalâ€“Ligand Bifunctional Reactions in the Design of Iron Asymmetric Hydrogenation Catalysts. Accounts of Chemical Research, 2015, 48, 1494-1502.	17.0	417
50	An Unsymmetrical Iron Catalyst for the Asymmetric Transfer HydrogenationÂ-of Ketones. Synthesis, 2015, 47, 1775-1779.	2.3	38
51	{N,Nâ€²-Bis[2-(diphenylphosphanyl)ethan-1-ylidene]ethylenediamine}bromido(p-toluenesulfonylmethyl) Tj ETQq1 1 0.784314 rgBT /Ov 2014, 70, m144-m144.	0.2	2
52	Iron(II) Complexes Containing Unsymmetrical Pâ€“Nâ€“Pâ€² Pincer Ligands for the Catalytic Asymmetric Hydrogenation of Ketones and Imines. Journal of the American Chemical Society, 2014, 136, 1367-1380.	15.0	300
53	Estimating the Acidity of Transition Metal Hydride and Dihydrogen Complexes by Adding Ligand Acidity Constants. Journal of the American Chemical Society, 2014, 136, 1948-1959.	15.0	116
54	A sulfur mimic of 1,1-bis(diphenylphosphino)methane: a new ligand opens up. Chemical Communications, 2014, 50, 4707-4710.	3.4	14

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55	Ligand-based molecular recognition and dioxygen splitting: an endo epoxide ending. Dalton Transactions, 2014, 43, 4137-4145.	3.0	4
56	Reactivity of Ruthenium Phosphido Species Generated through the Deprotonation of a Tripodal Phosphine Ligand and Implications for Hydrophosphination. Journal of the American Chemical Society, 2014, 136, 4746-4760.	15.0	33
57	Intramolecular Cï£¿H/Oï£¿H Bond Cleavage with Water and Alcohol Using a Phosphineâ€Free Ruthenium Carbene NCN Pincer Complex. Chemistry - A European Journal, 2014, 20, 16960-16968.	3.4	22
58	Oxidative Kinetic Resolution of Aromatic Alcohols Using Iron Nanoparticles. Topics in Catalysis, 2013, 56, 1199-1207.	2.5	4
59	Structural properties of trans hydridoâ€"hydroxo M(H)(OH)(NH2CMe2CMe2NH2)(PPh3)2 (M = Ru, Os) complexes and their proton exchange behaviour with water in solution. Dalton Transactions, 2013, 42, 10214.	3.0	18
60	Synthesis of New Late Transition Metal P,P-, P,N-, and P,O- Complexes Using Phosphonium Dimers as Convenient Ligand Precursors. Inorganic Chemistry, 2013, 52, 5448-5456.	4.6	17
61	Frontiers, Opportunities, and Challenges in Biochemical and Chemical Catalysis of CO2 Fixation. Chemical Reviews, 2013, 113, 6621-6658.	52.6	2,098
62	The Mechanism of Efficient Asymmetric Transfer Hydrogenation of Acetophenone Using an Iron(II) Complex Containing an (S,S)-Ph2PCH2CHâ•NCHPhCHPhNâ•CHCH2PPh2 Ligand: Partial Ligand Reduction Is the Key. Journal of the American Chemical Society, 2012, 134, 12266-12280.	15.0	183
63	Synthesis, Characterization, and Activity of Yttrium(III) Nitrate Complexes Bearing Tripodal Phosphine Oxide and Mixed Phosphineâ€"Phosphine Oxide Ligands. Inorganic Chemistry, 2012, 51, 9322-9332.	4.6	30
64	Asymmetric Transfer Hydrogenation of Ketimines Using Well-Defined Iron(II)-Based Precatalysts Containing a PNNP Ligand. Organic Letters, 2012, 14, 4638-4641.	4.8	122
65	Symmetry Aspects of H2 Splitting by Five-Coordinate d6 Ruthenium Amides, and Calculations on Acetophenone Hydrogenation, Ruthenium Alkoxide Formation, and Subsequent Hydrogenolysis in a Model trans-Ru(H)2(diamine)(diphosphine) System. Inorganic Chemistry, 2012, 51, 10808-10818.	4.6	49
66	Effect of chelating ring size in catalytic ketone hydrogenation: facile synthesis of ruthenium(ii) precatalysts containing an N-heterocyclic carbene with a primary amine donor for ketone hydrogenation and a DFT study of mechanisms. Dalton Transactions, 2012, 41, 8797.	3.0	65
67	Iron Nanoparticles Catalyzing the Asymmetric Transfer Hydrogenation of Ketones. Journal of the American Chemical Society, 2012, 134, 5893-5899.	15.0	235
68	From amine to ruthenaziridine to azaallyl: unusual transformation of di-(2-pyridylmethyl)amine on ruthenium. Dalton Transactions, 2011, 40, 10603.	3.0	6
69	Low-Valent Eneâ€"Amido Iron Complexes for the Asymmetric Transfer Hydrogenation of Acetophenone without Base. Journal of the American Chemical Society, 2011, 133, 9662-9665.	15.0	161
70	(Î·5-Pentamethylcyclopentadienyl)(Î·6-toluene)ruthenium(II) hexafluoridophosphate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1264-m1264.	0.2	1
71	Template Synthesis of Iron(II) Complexes Containing Tridentate Pâˆ'Nâˆ'S, Pâˆ'Nâˆ'P, Pâˆ'Nâˆ'N, and Tetradentate Pâˆ'Nâˆ'Nâˆ'P Ligands. Inorganic Chemistry, 2010, 49, 1094-1102.	4.6	43
72	Iron Complexes for the Catalytic Transfer Hydrogenation of Acetophenone: Steric and Electronic Effects Imposed by Alkyl Substituents at Phosphorus. Inorganic Chemistry, 2010, 49, 10057-10066.	4.6	89

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73	Effect of the Structure of the Diamine Backbone of Pâ^'Nâ^'Nâ^'P ligands in Iron(II) Complexes on Catalytic Activity in the Transfer Hydrogenation of Acetophenone. Inorganic Chemistry, 2010, 49, 11039-11044.	4.6	97
74	The hydrogenation of molecules with polar bonds catalyzed by a ruthenium(ii) complex bearing a chelating N-heterocyclic carbene with a primary amine donor. Chemical Communications, 2010, 46, 8240.	3.4	125
75	A DFT investigation into the origin of regioselectivity in palladium-catalyzed allylic amination. Canadian Journal of Chemistry, 2009, 87, 54-62.	1.7	17
76	Iron(II) Complexes for the Efficient Catalytic Asymmetric Transfer Hydrogenation of Ketones. Chemistry - A European Journal, 2009, 15, 5605-5610.	3.4	183
77	Asymmetric hydrogenation, transfer hydrogenation and hydrosilylation of ketones catalyzed by iron complexes. Chemical Society Reviews, 2009, 38, 2282.	37.7	733
78	Kinetic Hydrogen/Deuterium Effects in the Direct Hydrogenation of Ketones Catalyzed by a Well-Defined Ruthenium Diphosphine Diamine Complex. Journal of the American Chemical Society, 2009, 131, 11263-11269.	15.0	107
79	Efficient Asymmetric Transfer Hydrogenation of Ketones Catalyzed by an Iron Complex Containing a Pâ^'Nâ^'Nâ^'P Tetradentate Ligand Formed by Template Synthesis. Journal of the American Chemical Society, 2009, 131, 1394-1395.	15.0	274
80	Synthesis and Characterization of Iron(II) Complexes with Tetradentate Diiminodiphosphine or Diaminodiphosphine Ligands as Precatalysts for the Hydrogenation of Acetophenone. Inorganic Chemistry, 2009, 48, 735-743.	4.6	134
81	Highly Efficient Catalyst Systems Using Iron Complexes with a Tetradentate PNNP Ligand for the Asymmetric Hydrogenation of Polar Bonds. Angewandte Chemie - International Edition, 2008, 47, 940-943.	14.4	346
82	Template Syntheses of Iron(II) Complexes Containing Chiral Pâ^'Nâ^'Nâ^'P and Pâ^'Nâ^'N Ligands. Inorganic Chemistry, 2008, 47, 6587-6589.	4.6	56
83	Properties of the Polyhydride Anions [WH5(PMe2Ph)3]-and [ReH4(PMePh2)3]-and Periodic Trends in the Acidity of Polyhydride Complexes. Inorganic Chemistry, 2007, 46, 4392-4401.	4.6	19
84	Novel hydrido-ruthenium(ii) complexes with histidine derivatives and their application in the hydrogenation of ketones. Dalton Transactions, 2007, , 2536.	3.0	11
85	An Acidity Scale of Tetrafluoroborate Salts of Phosphonium and Iron Hydride Compounds in [D2]Dichloromethane. Chemistry - A European Journal, 2007, 13, 3796-3803.	3.4	32
86	An acidity scale of phosphonium tetraphenylborate salts and ruthenium dihydrogen complexes in dichloromethane. Canadian Journal of Chemistry, 2006, 84, 164-175.	1.7	20
87	Synthesis of Ruthenium Hydride Complexes Containing beta-Aminophosphine Ligands Derived from Amino Acids and their use in the H2-Hydrogenation of Ketones and Imines. Advanced Synthesis and Catalysis, 2005, 347, 571-579.	3.8	101
88	A modular design of ruthenium catalysts with diamine and BINOL-derived phosphinite ligands that are enantiomerically-matched for the effective asymmetric transfer hydrogenation of simple ketones. Chemical Communications, 2005, , 3050.	3.4	49
89	Enantioselective Tandem Michael Addition/H2-Hydrogenation Catalyzed by Ruthenium Hydride Borohydride Complexes Containing Î²-aminophosphine Ligands1. Journal of the American Chemical Society, 2005, 127, 516-517.	15.0	100
90	Applications of Ruthenium Hydride Borohydride Complexes Containing Phosphinite and Diamine Ligands to Asymmetric Catalytic Reactions. Organic Letters, 2005, 7, 1757-1759.	4.8	97

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91	Chemistry of Ruthenium(II) Monohydride and Dihydride Complexes Containing Pyridyl Donor Ligands Including Catalytic Ketone H2-Hydrogenation1. Inorganic Chemistry, 2005, 44, 2483-2492.	4.6	51
92	A Succession of Isomers of Ruthenium Dihydride Complexes. Which One Is the Ketone Hydrogenation Catalyst?. Journal of the American Chemical Society, 2005, 127, 1870-1882.	15.0	170
93	Hydrogenation versus Transfer Hydrogenation of Ketones: Two Established Ruthenium Systems Catalyze Both. Chemistry - A European Journal, 2003, 9, 4954-4967.	3.4	213
94	Mechanism of the Hydrogenation of Ketones Catalyzed bytrans-Dihydrido(diamine)ruthenium(II) Complexesâ€. Journal of the American Chemical Society, 2002, 124, 15104-15118.	15.0	510
95	Large Effects of Ion Pairing and Protonicâˆ'Hydridic Bonding on the Stereochemistry and Basicity of Crown-, Azacrown-, and Cryptand-222-potassium Salts of Anionic Tetrahydride Complexes of Iridium(III). Inorganic Chemistry, 2002, 41, 2995-3007.	4.6	38
96	Catalytic Cycle for the Asymmetric Hydrogenation of Prochiral Ketones to Chiral Alcohols:Â Direct Hydride and Proton Transfer from Chiral Catalyststrans-Ru(H)2(diphosphine)(diamine) to Ketones and Direct Addition of Dihydrogen to the Resulting Hydridoamido Complexes. Journal of the American Chemical Society, 2001, 123, 7473-7474.	15.0	292
97	[{ReH2(PMePh2)2}2(Î¼-H)3]-:â€‰ The First Member of a New Class of Anionic Polyhydride Dimers [Re2H7L4]-. Inorganic Chemistry, 2001, 40, 2480-2481.	4.6	18
98	Intra- and inter-ion-pair protonic-hydridic bonding in polyhydridobis(phosphine)rhenates. Canadian Journal of Chemistry, 2001, 79, 964-976.	1.7	17
99	The effect of ancillary ligands on intramolecular protonî—¸hydride (NHâ‹¯HIr) bonding in complexes of iridium(III). Journal of Organometallic Chemistry, 2000, 609, 110-122.	2.1	13
100	Probing the motion of the Î·2-dideuterium ligand by solution and solid-state 2H NMR spectroscopy. Canadian Journal of Chemistry, 1999, 77, 1899-1910.	1.7	19
101	Monohydride complexes of W (IV) containing bulky selenolate ligands: X-ray crystal structure determination of [WH(SeC6H3Pri2-2,6)3(PMe2Ph)2]. Inorganica Chimica Acta, 1997, 259, 125-135.	2.8	10
102	Bis[1,2-bis(diphenylphosphino)ethane-P,P']chloroosmium(II) Hexafluorophosphate Dichloromethane Solvate. Acta Crystallographica Section C: Crystal Structure Communications, 1996, 52, 2193-2196.	0.4	2
103	The effect of deuteration on the stabilities of cis-polyacetylene and polystyrene. Polymer, 1994, 35, 1952-1956.	4.1	5
104	New dihydrogen complexes: the synthesis and spectroscopic properties of iron(II), ruthenium(II), and osmium(II) complexes containing the meso-tetraphos-1 ligand. Canadian Journal of Chemistry, 1994, 72, 547-560.	1.7	33
105	Additions and Corrections - Ï€-Bonding of the Dihydrogen Ligand Probed by Mossbauer Spectroscopy.. Inorganic Chemistry, 1994, 33, 5366-5366.	4.6	0
106	Structure of dimethyl(phenyl)phosphonium tris(1,2-benzenedithiolato)tungsten(V). Acta Crystallographica Section C: Crystal Structure Communications, 1993, 49, 1591-1594.	0.4	16
107	Structure of trans-[OsH(Î·2-H2)(PPh2CH2CH2PPh2)2][BF4]. Acta Crystallographica Section C: Crystal Structure Communications, 1992, 48, 28-31.	0.4	4
108	Molybdenum complexes containing hydride and sulphur donor ligands.. Journal of Inorganic Biochemistry, 1991, 43, 583.	3.0	2

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109	Bis[1,2-bis(diethylphosphino)ethane](Î·2-dihydrogen)hydridoosmium(II) tetraphenylborate. Acta Crystallographica Section C: Crystal Structure Communications, 1989, 45, 1137-1139.	0.4	1
110	Monoclinic and triclinic forms of [1,2-bis(diphenylphosphino)propane](Î·6-methyldiphenylphosphine)(methyldiphenylphosphine)molybdenum(0) benzene solvate. Acta Crystallographica Section C: Crystal Structure Communications, 1988, 44, 23-27.	0.4	4
111	NMR Studies of the Complexes trans-[M(Î·2-H2)(H)(Ph2PCH2CH2PEt2)2]X (M=Fe, X = BPh4; M = Os, X = BF4): Evidence for Unexpected Shortening of the H-H Bond. Inorganic Chemistry, 1988, 27, 1124-1125.	4.6	24
112	trans-Bis(dinitrogen)tetrakis(methyldiphenylphosphine)molybdenum(0) benzene solvate, [Mo(N2)2{P(CH3)(C6H5)2}4].1.5(C6H6). Acta Crystallographica Section C: Crystal Structure Communications, 1985, 41, 1017-1019.	0.4	2
113	Radiation chemistry of acetylene at high intensity: the initial product distributions. Canadian Journal of Chemistry, 1977, 55, 3288-3293.	1.7	9
114	Paramagnetic Transition Metal Hydride Complexes. Chemical Reviews, 0, 126, 204-296.	52.6	0