

# Richard Eisenberg

## List of Publications by Year in descending order

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278  
papers

23,934  
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10679

143  
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321  
docs citations

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times ranked

16401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalysts made of earth-abundant elements (Co, Ni, Fe) for water splitting: Recent progress and future challenges. <i>Energy and Environmental Science</i> , 2012, 5, 6012.	15.6	1,201
2	Robust Photogeneration of H <sub>2</sub> in Water Using Semiconductor Nanocrystals and a Nickel Catalyst. <i>Science</i> , 2012, 338, 1321-1324.	6.0	716
3	Tuning the Excited-State Properties of Platinum(II) Diimine Dithiolate Complexes. <i>Journal of the American Chemical Society</i> , 1996, 118, 1949-1960.	6.6	619
4	Making Hydrogen from Water Using a Homogeneous System Without Noble Metals. <i>Journal of the American Chemical Society</i> , 2009, 131, 9192-9194.	6.6	583
5	Electrocatalytic reduction of carbon dioxide by using macrocycles of nickel and cobalt. <i>Journal of the American Chemical Society</i> , 1980, 102, 7361-7363.	6.6	503
6	Para hydrogen induced polarization in hydrogenation reactions. <i>Journal of the American Chemical Society</i> , 1987, 109, 8089-8091.	6.6	436
7	A Homogeneous System for the Photogeneration of Hydrogen from Water Based on a Platinum(II) Terpyridyl Acetylde Chromophore and a Molecular Cobalt Catalyst. <i>Journal of the American Chemical Society</i> , 2008, 130, 12576-12577.	6.6	433
8	Platinum Diimine Bis(acetylde) Complexes: Synthesis, Characterization, and Luminescence Properties. <i>Inorganic Chemistry</i> , 2000, 39, 447-457.	1.9	400
9	Platinum diimine complexes: towards a molecular photochemical device. <i>Coordination Chemistry Reviews</i> , 2000, 208, 115-137.	9.5	392
10	Toward a Molecular Photochemical Device: A Triad for Photoinduced Charge Separation Based on a Platinum Diimine Bis(acetylde) Chromophore. <i>Inorganic Chemistry</i> , 2001, 40, 4510-4511.	1.9	391
11	Vapochromism and Its Structural Basis in a Luminescent Pt(II) Terpyridine-Nicotinamide Complex. <i>Journal of the American Chemical Society</i> , 2004, 126, 16841-16849.	6.6	386
12	A Cobalt Dithiolene Complex for the Photocatalytic and Electrocatalytic Reduction of Protons. <i>Journal of the American Chemical Society</i> , 2011, 133, 15368-15371.	6.6	364
13	Linear Chain Au(I) Dimer Compounds as Environmental Sensors: A Luminescent Switch for the Detection of Volatile Organic Compounds. <i>Journal of the American Chemical Society</i> , 1998, 120, 1329-1330.	6.6	354
14	Visible Light-Driven Hydrogen Production from Aqueous Protons Catalyzed by Molecular Cobaloxime Catalysts. <i>Inorganic Chemistry</i> , 2009, 48, 4952-4962.	1.9	347
15	Molecular systems for light driven hydrogen production. <i>Dalton Transactions</i> , 2012, 41, 13004.	1.6	346
16	Preface on Making Oxygen. <i>Inorganic Chemistry</i> , 2008, 47, 1697-1699.	1.9	316
17	Noninnocence in Metal Complexes: A Dithiolene Dawn. <i>Inorganic Chemistry</i> , 2011, 50, 9741-9751.	1.9	306
18	Reductive Side of Water Splitting in Artificial Photosynthesis: New Homogeneous Photosystems of Great Activity and Mechanistic Insight. <i>Journal of the American Chemical Society</i> , 2010, 132, 15480-15483.	6.6	302

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19	Fuel from Water: The Photochemical Generation of Hydrogen from Water. <i>Accounts of Chemical Research</i> , 2014, 47, 2537-2544.	7.6	302
20	A Nickel Thiolate Catalyst for the Long-Lived Photocatalytic Production of Hydrogen in a Noble-Metal-Free System. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1667-1670.	7.2	298
21	Photocatalytic Generation of Hydrogen from Water Using a Platinum(II) Terpyridyl Acetylde Chromophore. <i>Journal of the American Chemical Society</i> , 2006, 128, 7726-7727.	6.6	284
22	Luminescence Trichromism and Bright Emission in Gold(I) Thiouracilate Complexes. <i>Journal of the American Chemical Society</i> , 2003, 125, 7778-7779.	6.6	281
23	Catalytic Nazarov Cyclization: The State of the Art. <i>ChemCatChem</i> , 2011, 3, 1531-1548.	1.8	273
24	Cobalt-dithiolene complexes for the photocatalytic and electrocatalytic reduction of protons in aqueous solutions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15594-15599.	3.3	268
25	Luminescent platinum complexes: tuning and using the excited state. <i>Coordination Chemistry Reviews</i> , 1998, 171, 125-150.	9.5	267
26	Structural Systematics of 1,1- and 1,2-Dithiolato Chelates. <i>Progress in Inorganic Chemistry</i> , 0, , 295-369.	3.0	243
27	Nickel Pyridinethiolate Complexes as Catalysts for the Light-Driven Production of Hydrogen from Aqueous Solutions in Noble-Metal-Free Systems. <i>Journal of the American Chemical Society</i> , 2013, 135, 14659-14669.	6.6	239
28	Preface: An Overview of the Forum on Solar and Renewable Energy. <i>Inorganic Chemistry</i> , 2005, 44, 6799-6801.	1.9	237
29	Nickel Complexes for Robust Light-Driven and Electrocatalytic Hydrogen Production from Water. <i>ACS Catalysis</i> , 2015, 5, 1397-1406.	5.5	221
30	Platinum Chromophore-Based Systems for Photoinduced Charge Separation: A Molecular Design Approach for Artificial Photosynthesis. <i>Inorganic Chemistry</i> , 2005, 44, 6865-6878.	1.9	189
31	Characterization and Electronic Structures of Six-Coordinate Trigonal-Prismatic Complexes. <i>Journal of the American Chemical Society</i> , 1966, 88, 2956-2966.	6.6	184
32	Coordination chemistry of nitric oxide. <i>Accounts of Chemical Research</i> , 1975, 8, 26-34.	7.6	181
33	Excited-State Self-Quenching Reactions of Square Planar Platinum(II) Diimine Complexes in Room-Temperature Fluid Solution. <i>Inorganic Chemistry</i> , 1999, 38, 3264-3265.	1.9	179
34	Photogeneration of Hydrogen from Water Using an Integrated System Based on TiO <sub>2</sub> and Platinum(II) Diimine Dithiolate Sensitizers. <i>Journal of the American Chemical Society</i> , 2007, 129, 7726-7727.	6.6	176
35	Cobalt complexes as artificial hydrogenases for the reductive side of water splitting. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2013, 1827, 958-973.	0.5	171
36	Observation of New Intermediates in Hydrogenation Catalyzed by Wilkinson's Catalyst, RhCl(PPh <sub>3</sub> ) <sub>3</sub> , Using Parahydrogen-Induced Polarization. <i>Journal of the American Chemical Society</i> , 1994, 116, 10548-10556.	6.6	170

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37	Bi- and Terpyridyl Platinum(II) Chloro Complexes: Molecular Catalysts for the Photogeneration of Hydrogen from Water or Simply Precursors for Colloidal Platinum?. <i>Journal of the American Chemical Society</i> , 2008, 130, 5056-5058.	6.6	170
38	Platinum(II) diimine dithiolates. New solution luminescent complexes. <i>Coordination Chemistry Reviews</i> , 1990, 97, 47-64.	9.5	167
39	Intensely Luminescent Gold(I)~Silver(I) Cluster Complexes with Tunable Structural Features. <i>Journal of the American Chemical Society</i> , 2004, 126, 9488-9489.	6.6	159
40	Parahydrogen-induced polarization: a new spin on reactions with molecular hydrogen. <i>Accounts of Chemical Research</i> , 1991, 24, 110-116.	7.6	153
41	Impact of Ligand Exchange in Hydrogen Production from Cobaloxime-Containing Photocatalytic Systems. <i>Inorganic Chemistry</i> , 2011, 50, 10660-10666.	1.9	153
42	A stable molecular nickel catalyst for the homogeneous photogeneration of hydrogen in aqueous solution. <i>Chemical Communications</i> , 2011, 47, 7989.	2.2	151
43	Multiple Emissions and Brilliant White Luminescence from Gold(I) O,O'-Di(alkyl)dithiophosphate Dimers. <i>Journal of the American Chemical Society</i> , 2002, 124, 10662-10663.	6.6	145
44	Metalloorganic Compounds for Nonlinear Optics:~ Molecular Hyperpolarizabilities of M(diimine)(dithiolate) Complexes (M = Pt, Pd, Ni). <i>Chemistry of Materials</i> , 1997, 9, 440-450.	3.2	141
45	Intersystem Crossing in Halogenated Bodipy Chromophores Used for Solar Hydrogen Production. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 223-227.	2.1	140
46	Luminescent Platinum(II) Complexes of Quinoxaline-2,3-dithiolate. <i>Inorganic Chemistry</i> , 1995, 34, 2007-2014.	1.9	138
47	Dyads for Photoinduced Charge Separation Based on Platinum Diimine Bis(acetylide) Chromophores:~ Synthesis, Luminescence and Transient Absorption Studies. <i>Inorganic Chemistry</i> , 2003, 42, 4355-4365.	1.9	132
48	Rethinking Water Splitting. <i>Science</i> , 2009, 324, 44-45.	6.0	131
49	Sensitizing the Sensitizer: The Synthesis and Photophysical Study of Bodipy~Pt(II)(diimine)(dithiolate) Conjugates. <i>Journal of the American Chemical Society</i> , 2011, 133, 350-364.	6.6	127
50	Photogeneration of hydrogen from water using CdSe nanocrystals demonstrating the importance of surface exchange. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16716-16723.	3.3	127
51	Synthesis and Characterization of Luminescent Square-Planar Platinum(II) Complexes Containing Dithiolate or Dithiocarbamate Ligands. <i>Inorganic Chemistry</i> , 1994, 33, 2913-2923.	1.9	126
52	Luminescent Au(I)/Cu(I) Alkynyl Clusters with an Ethynyl Steroid and Related Aliphatic Ligands: An Octanuclear Au<sub>4</sub>Cu<sub>4</sub> Cluster and Luminescence Polymorphism in Au<sub>3</sub>Cu<sub>2</sub> Clusters. <i>Journal of the American Chemical Society</i> , 2010, 132, 12307-12318.	6.6	124
53	Spectroscopic and theoretical studies on the excited state in diimine dithiolate complexes of platinum(II). <i>Inorganic Chemistry</i> , 1992, 31, 2396-2404.	1.9	121
54	The Binding and Activation of Carbon Monoxide, Carbon Dioxide, and Nitric Oxide and Their Homogeneously Catalyzed Reactions. <i>Advances in Catalysis</i> , 1979, , 79-172.	0.1	112

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55	Photoinduced Electron Transfer in Platinum(II) Terpyridyl Acetylide Chromophores: Reductive and Oxidative Quenching and Hydrogen Production. <i>Journal of Physical Chemistry B</i> , 2007, 111, 6887-6894.	1.2	112
56	Synthesis and Structural Characterization of a New Vapochromic Pt(II) Complex Based on the 1-Terpyridyl-2,3,4,5,6-pentaphenylbenzene (TPPPB) Ligand. <i>Inorganic Chemistry</i> , 2008, 47, 69-77.	1.9	112
57	Synthesis, Structure, Characterization, and Photophysical Studies of a New Platinum Terpyridyl-Based Triad with Covalently Linked Donor and Acceptor Groups. <i>Inorganic Chemistry</i> , 2005, 44, 6284-6293.	1.9	107
58	Tetranuclear Copper(I) Iodide Complexes of Chelating Bis(1-benzyl-1H-1,2,3-triazole) Ligands: Structural Characterization and Solid State Photoluminescence. <i>Inorganic Chemistry</i> , 2010, 49, 2834-2843.	1.9	105
59	Square-planar complexes of platinum(II) that luminesce in fluid solution. <i>Journal of the American Chemical Society</i> , 1989, 111, 8916-8917.	6.6	104
60	Strong Intra- and Intermolecular Auophilic Interactions in a New Series of Brilliantly Luminescent Dinuclear Cationic and Neutral Au(I) Benzimidazoethiolate Complexes. <i>Inorganic Chemistry</i> , 2008, 47, 957-968.	1.9	104
61	Homogeneous catalysis of the water gas shift reaction using rhodium carbonyl iodide. <i>Journal of the American Chemical Society</i> , 1977, 99, 2791-2792.	6.6	102
62	The iridium complex catalyzed reduction of carbon dioxide to methoxide by alkylsilanes. <i>Organometallics</i> , 1989, 8, 1822-1824.	1.1	102
63	Synthesis and Characterization of Platinum Diimine Bis(acetylide) Complexes Containing Easily Derivatizable Aryl Acetylide Ligands. <i>Inorganic Chemistry</i> , 2003, 42, 3772-3778.	1.9	102
64	Efficient Catalysis of Nazarov Cyclization Using a Cationic Iridium Complex Possessing Adjacent Labile Coordination Sites. <i>Journal of the American Chemical Society</i> , 2004, 126, 6864-6865.	6.6	99
65	Synthesis and Characterization of Neutral Luminescent Diphosphine Pyrrole- and Indole-Aldimine Copper(I) Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 7172-7188.	1.9	98
66	Mechanistic studies of the homogeneous catalysis of the water gas shift reaction by rhodium carbonyl iodide. <i>Journal of the American Chemical Society</i> , 1980, 102, 1020-1027.	6.6	97
67	Catalytic Light-Driven Generation of Hydrogen from Water by Iron Dithiolene Complexes. <i>Journal of the American Chemical Society</i> , 2016, 138, 11654-11663.	6.6	96
68	Rhodium A-frame complexes with small-molecular bridgeheads. Synthesis and structure of $[\text{Rh}_2(\mu\text{-H})(\mu\text{-CO})(\text{CO})_2(\text{PPh}_2\text{CH}_2\text{PPh}_2)_2](\text{p-CH}_3\text{C}_6\text{H}_4\text{SO}_3)\cdot 2\text{THF}$ and catalytic properties. <i>Inorganic Chemistry</i> , 1982, 21, 2119-2129.	1.9	94
69	Photochemical carbonylation of benzene by iridium(I) and rhodium(I) square-planar complexes. <i>Journal of the American Chemical Society</i> , 1986, 108, 535-536.	6.6	94
70	Stereoselective oxidative addition of hydrogen to iridium(I) complexes. Kinetic control based on ligand electronic effects. <i>Journal of the American Chemical Society</i> , 1985, 107, 3148-3160.	6.6	91
71	Ruthenium complex having both linear and bent nitrosyl groups. <i>Journal of the American Chemical Society</i> , 1970, 92, 4760-4762.	6.6	86
72	A Gold(I) Mononuclear Complex and Its Association into Binuclear and Cluster Compounds by Hydrogen Bonding or Metal Ion Coordination. <i>Inorganic Chemistry</i> , 2000, 39, 5520-5529.	1.9	86

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73	Tandem Nazarov Cyclization $\rightarrow$ Michael Addition Sequence Catalyzed by an Ir(III) Complex. <i>Journal of the American Chemical Society</i> , 2006, 128, 5312-5313.	6.6	86
74	Photoluminescent Copper(I) Complexes with Amido-Triazolato Ligands. <i>Inorganic Chemistry</i> , 2011, 50, 3431-3441.	1.9	86
75	Structure of Hydrido-chlorobis(diphenylethylphosphine)platinum. <i>Inorganic Chemistry</i> , 1965, 4, 773-778.	1.9	84
76	Energy upconversion sensitized by a platinum(ii) terpyridyl acetylide complex. <i>Chemical Science</i> , 2010, 1, 502.	3.7	84
77	Cyclometalated 6-Phenyl-2,2'-bipyridyl (CNN) Platinum(II) Acetylide Complexes: Structure, Electrochemistry, Photophysics, and Oxidative- and Reductive-Quenching Studies. <i>Inorganic Chemistry</i> , 2009, 48, 4306-4316.	1.9	83
78	Binuclear rhodium(I) complexes. Molecular A frames. <i>Journal of the American Chemical Society</i> , 1977, 99, 6129-6131.	6.6	81
79	Di(phosphine)-bridged complexes of palladium. Parahydrogen-induced polarization in hydrogenation reactions and structure determination of tris( $\mu$ -bis(diphenylphosphino)methane)dipalladium, Pd <sub>2</sub> (dppm) <sub>3</sub> . <i>Inorganic Chemistry</i> , 1989, 28, 3372-3378.	1.9	81
80	Solvatochromic and emissive properties of pt(II) complexes with 1,1- and 1,2-dithiolates. <i>Coordination Chemistry Reviews</i> , 1991, 111, 237-248.	9.5	81
81	Photochemical carbonylation of benzene by iridium(I) and rhodium(I) square-planar complexes. <i>Organometallics</i> , 1988, 7, 2124-2129.	1.1	78
82	Trigonal Prismatic Coordination. The Molecular Structure of Tris(cis-1,2-diphenylethene-1,2-dithiolato)rhenium(I). <i>Journal of the American Chemical Society</i> , 1965, 87, 3776-3778.	6.6	75
83	Platinum(II) Terpyridyl Acetylide Complexes on Platinized TiO <sub>2</sub> : Toward the Photogeneration of H <sub>2</sub> in Aqueous Media. <i>Inorganic Chemistry</i> , 2009, 48, 9653-9663.	1.9	75
84	Reversible Mechanochromic Luminescence at Room Temperature in Cationic Platinum(II) Terpyridyl Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 3338-3344.	1.9	75
85	Syntheses and Structural Characterization of Luminescent Platinum(II) Complexes Containing Di-tert-butylbipyridine and New 1,1-Dithiolate Ligands. <i>Inorganic Chemistry</i> , 2001, 40, 1183-1188.	1.9	74
86	One-Hydrogen Polarization in Hydroformylation Promoted by Platinum $\rightarrow$ Tin and Iridium Carbonyl Complexes: A New Type of Parahydrogen-Induced Effect. <i>Journal of the American Chemical Society</i> , 2002, 124, 12406-12407.	6.6	74
87	Carbon-hydrogen bond activation using a bis(phosphine)iridium carbonyl hydride and the carbonylation of benzene. <i>Organometallics</i> , 1983, 2, 764-767.	1.1	73
88	More than INEPT: parahydrogen and INEPT + give unprecedented resonance enhancement to carbon-13 by direct proton polarization transfer. <i>Journal of the American Chemical Society</i> , 1993, 115, 1156-1157.	6.6	72
89	Syntheses, Molecular Structures, and Spectroscopy of Gold(III) Dithiolate Complexes. <i>Inorganic Chemistry</i> , 1998, 37, 4625-4632.	1.9	72
90	Multiple-state emission from platinum(II) diimine dithiolate complexes. Solvent and temperature effects. <i>Inorganic Chemistry</i> , 1992, 31, 1332-1337.	1.9	71

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91	Trigonal-prismatic coordination. Crystal and molecular structure of tris (cis-1,2-diphenylethylene-1,2-dithiolato)vanadium. <i>Inorganic Chemistry</i> , 1967, 6, 1844-1849.	1.9	69
92	Synthesis, structure, and physical properties of the bis(7,7,8,8-tetracyano-p-quinodimethane) salt of the paramagnetic cluster tris[(di- $\mu$ -chloro)(hexamethylbenzene)niobium], [Nb3( $\mu$ -Cl)6(C6Me6)3]2+(TCNQ)22-. <i>Journal of the American Chemical Society</i> , 1977, 99, 110-117.	6.6	67
93	Molecular A frames. Synthesis from binuclear rhodium(0) precursors and catalytic activity in the water gas shift reaction and alkyne hydrogenation. <i>Journal of the American Chemical Society</i> , 1980, 102, 3637-3639.	6.6	67
94	A Model Iridium Hydroformylation System with the Large Bite Angle Ligand Xantphos: Reactivity with Parahydrogen and Implications for Hydroformylation Catalysis. <i>Inorganic Chemistry</i> , 2006, 45, 7197-7209.	1.9	67
95	Molecular structure of chlorodinitrosylbis(triphenylphosphine)ruthenium hexafluorophosphate-benzene. Complex having linear and bent nitrosyl groups. <i>Inorganic Chemistry</i> , 1972, 11, 1088-1094.	1.9	65
96	Luminescent diphosphine dithiolate complexes of platinum(II): synthesis, characterization, and structure. <i>Inorganic Chemistry</i> , 1994, 33, 258-266.	1.9	65
97	Novel Luminescent Au(I) Pyrimidinethiolate Dimer Having an Unusual $\pi$ -Stacking Structure. <i>Inorganic Chemistry</i> , 1999, 38, 4616-4617.	1.9	65
98	Light-Driven Hydrogen Production from Aqueous Protons using Molybdenum Catalysts. <i>Inorganic Chemistry</i> , 2014, 53, 9860-9869.	1.9	65
99	Discovery of the magnetic behavior of hemoglobin: A beginning of bioinorganic chemistry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13123-13127.	3.3	65
100	Trigonal Prismatic Coordination. The Crystal and Molecular Structure of Tris(cis-1,2-diphenylethene-1,2-dithiolato)rhenium. <i>Inorganic Chemistry</i> , 1966, 5, 411-416.	1.9	64
101	Six-Coordinate Trigonal-Prismatic Complexes of First-Row Transition Metals1. <i>Journal of the American Chemical Society</i> , 1966, 88, 2874-2876.	6.6	64
102	Facile Synthesis, Structure, and Luminescence Properties of Pt(diimine)bis(arylacetylide) Chromophore $\pi$ Donor Dyads. <i>Inorganic Chemistry</i> , 2005, 44, 2628-2638.	1.9	63
103	A Highly Reactive Dicationic Iridium(III) Catalyst for the Polarized Nazarov Cyclization Reaction. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3363-3366.	7.2	62
104	Crystal and molecular structure of $\mu$ -diazido-tetrakis(triphenylphosphine)dicopper(I). <i>Inorganic Chemistry</i> , 1971, 10, 1289-1296.	1.9	60
105	Crystal and molecular structure of tris(tetra-n-butylammonium) octacyanomolybdate(V). <i>Inorganic Chemistry</i> , 1970, 9, 356-362.	1.9	58
106	Homogeneous catalysis of the water gas shift reaction using a platinum chloride-tin chloride system. <i>Journal of the American Chemical Society</i> , 1978, 100, 5968-5970.	6.6	58
107	Synthesis, structure, and emission spectroscopy of luminescent platinum(II) Pt(COD)(dithiolate) complexes. <i>Inorganic Chemistry</i> , 1993, 32, 3689-3693.	1.9	57
108	Molecular A frames. [Ir2( $\mu$ -S)(CO)2(PPh2CH2PPh2)2], its reactions with carbon monoxide and hydrogen, and the structure of its carbonyl adduct. <i>Inorganic Chemistry</i> , 1980, 19, 2733-2739.	1.9	55



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109	Stereochemistry of hydrogen oxidative addition and dihydride-transfer reactions involving iridium(I) complexes. <i>Chemical Reviews</i> , 1988, 88, 1147-1161.	23.0	55
110	INEPT in a chemical way. Polarization transfer from para hydrogen to phosphorus-31 by oxidative addition and dipolar relaxation. <i>Journal of the American Chemical Society</i> , 1989, 111, 7267-7269.	6.6	55
111	Photoelectrochemical Generation of Hydrogen from Water Using a CdSe Quantum Dot-Sensitized Photocathode. <i>ACS Catalysis</i> , 2015, 5, 2255-2259.	5.5	55
112	Stereoselective oxidative addition of silanes and hydrogen halides to the iridium(I) cis phosphine complexes IrX(CO)(dppe) (X = Br, CN; dppe = 1,2-bis(diphenylphosphino)ethane). <i>Journal of the American Chemical Society</i> , 1985, 107, 6531-6540.	6.6	54
113	Platinum(II) Terpyridyl-Acetylide Dyads and Triads with Nitrophenyl Acceptors via a Convenient Synthesis of a Boronated Phenylterpyridine. <i>Inorganic Chemistry</i> , 2009, 48, 2420-2428.	1.9	54
114	Stereoselectivity and kinetic control of hydrogen oxidative addition to iridium(I) complexes. <i>Journal of the American Chemical Society</i> , 1983, 105, 7772-7774.	6.6	53
115	Semiconductor quantum dot-sensitized rainbow photocathode for effective photoelectrochemical hydrogen generation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11297-11302.	3.3	53
116	Light-driven generation of hydrogen: New chromophore dyads for increased activity based on Bodipy dye and Pt(diimine)(dithiolate) complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3987-96.	3.3	52
117	Rhodamine-Platinum Diimine Dithiolate Complex Dyads as Efficient and Robust Photosensitizers for Light-Driven Aqueous Proton Reduction to Hydrogen. <i>Journal of the American Chemical Society</i> , 2018, 140, 2575-2586.	6.6	52
118	Trigonal prismatic coordination in tris(dithiolene) complexes: Guilty or just non-innocent?. <i>Coordination Chemistry Reviews</i> , 2011, 255, 825-836.	9.5	51
119	Molecular structure of hexakis(methyl isocyanide)dipalladium(I) bis(hexafluorophosphate) hemiacetone, [Pd <sub>2</sub> (CNMe) <sub>6</sub> ](PF <sub>6</sub> ) <sub>2</sub> ·1/2Me <sub>2</sub> CO. Palladium(I) dimer. <i>Inorganic Chemistry</i> , 1976, 15, 535-541.	1.9	50
120	Observation of H <sub>2</sub> oxidative addition to chlorocarbonylbis(triphenylphosphine)rhodium(I) using parahydrogen induced polarization. <i>Journal of the American Chemical Society</i> , 1993, 115, 5292-5293.	6.6	49
121	Efficient Bimolecular Mechanism of Photochemical Hydrogen Production Using Halogenated Boron-Dipyrromethene (Bodipy) Dyes and a Bis(dimethylglyoxime) Cobalt(III) Complex. <i>Journal of Physical Chemistry B</i> , 2016, 120, 527-534.	1.2	49
122	Synthesis of rhodium(I) A-frame complexes with anionic bridgehead ligands, structure of [Rh <sub>2</sub> (μ-S)(CO) <sub>2</sub> (dpm) <sub>2</sub> ], and reactivity with electrophilic reagents. <i>Inorganic Chemistry</i> , 1980, 19, 2726-2732.	1.9	48
123	The crystal and molecular structure of the tetra-n-butylammonium salt of the dianionic dimer of bis(1,2,3,4-tetrachlorobenzene-5,6-dithiolato)cobaltate. <i>Journal of the American Chemical Society</i> , 1968, 90, 4253-4259.	6.6	47
124	Luminescent iridium(I), rhodium(I), and platinum(II) dithiolate complexes. <i>Journal of the American Chemical Society</i> , 1983, 105, 1795-1802.	6.6	47
125	Synthesis and reactivity of propionyliridium complexes. Competitive reductive elimination of carbon-hydrogen and hydrogen-hydrogen bonds from a propionyldihydroiridium complex. <i>Organometallics</i> , 1990, 9, 709-718.	1.1	47
126	Synthesis and Characterization of (Di-tert-butylbipyridine)bis(pyridine-4-thiolato)platinum(II), Pt(dbbpy)(S-4-py) <sub>2</sub> : A Synthone for Supramolecular Systems Containing the Platinum Diimine Bis(Thiolate) Chromophore. <i>Inorganic Chemistry</i> , 1998, 37, 4139-4141.	1.9	47



#	ARTICLE	IF	CITATIONS
127	Structure of Di(tetramethylammonium)bis(maleonitriledithiolate) nickelate(II). <i>Inorganic Chemistry</i> , 1965, 4, 605-608.	1.9	46
128	Coordination of the arylazo group. Molecular structure of trichloro(p-tolylazo)bis(tiphenylphosphine)ruthenium(II)-acetone, RuCl <sub>3</sub> (p-N <sub>2</sub> C <sub>6</sub> H <sub>4</sub> Me)(PPh <sub>3</sub> ) <sub>2</sub> .Me <sub>2</sub> CO. <i>Inorganic Chemistry</i> , 1973, 12, 1676-1681.	1.9	46
129	Para hydrogen induced polarization in hydrogenation reactions catalyzed by ruthenium phosphine complexes. <i>Journal of the American Chemical Society</i> , 1988, 110, 8564-8566.	6.6	46
130	Reactions of primary and secondary silanes with binuclear rhodium complexes. Formation of $\mu$ -silylene complexes and phosphorus-silicon bonds with facile phosphorus-carbon bond cleavage. <i>Journal of the American Chemical Society</i> , 1990, 112, 1833-1841.	6.6	46
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214	Crystal and molecular structure of tetrakis(bis(methylamino)carbene)platinum(II) hexafluorophosphate, [Pt(C(NHMe) <sub>2</sub> ) <sub>4</sub> ](PF <sub>6</sub> ) <sub>2</sub> . Inorganic Chemistry, 1977, 16, 1502-1507.	1.9	19
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