

Electrocatalytic Hydrogen Evolution at Low Overpotentials by Glyoxime and Tetraimine Complexes

Journal of the American Chemical Society

129, 8988-8998

DOI: 10.1021/ja067876b

Citation Report

#	ARTICLE	IF	CITATIONS
3	Electrochemical Insights into the Mechanisms of Proton Reduction by $[\text{Fe}_2(\text{CO})_6\{\frac{1}{4}\text{SCH}_2\text{N}(\text{R})\text{CH}_2\text{S}\}]$ Complexes Related to the $[\text{2Fe}]_{\text{H}}$ Subsite of $[\text{FeFe}]$ Hydrogenase. <i>Chemistry - A European Journal</i> , 2008, 14, 1954-1964.	1.7	95
4	Cobalt Clathrochelate Complexes as Hydrogen-Producing Catalysts. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9948-9950.	7.2	113
6	Kinetics of trichloroethene dechlorination and methane formation by a mixed anaerobic culture in a bio-electrochemical system. <i>Electrochimica Acta</i> , 2008, 53, 5300-5305.	2.6	51
7	Macrocyclic coordination chemistry. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2008, 104, 272.	0.8	11
8	New Nitrosyl Derivatives of Diiron Dithiolates Related to the Active Site of the $[\text{FeFe}]$ -Hydrogenases. <i>Inorganic Chemistry</i> , 2008, 47, 11816-11824.	1.9	27
9	Hydrogen production using cobalt-based molecular catalysts containing a proton relay in the second coordination sphere. <i>Energy and Environmental Science</i> , 2008, 1, 167.	15.6	164
10	Hydrogen Evolution Reaction Catalyzed by Proton-Coupled Redox Cycle of 4,4'-Bipyridine Monolayer Adsorbed on Silver Electrodes. <i>Journal of the American Chemical Society</i> , 2008, 130, 10862-10863.	6.6	34
11	Enzymes as Working or Inspirational Electrocatalysts for Fuel Cells and Electrolysis. <i>Chemical Reviews</i> , 2008, 108, 2439-2461.	23.0	918
12	Hydrogen Generation from Weak Acids: Electrochemical and Computational Studies in the $[(\text{i-5-C5H5})\text{Fe}(\text{CO})_2]_2$ System. <i>Organometallics</i> , 2008, 27, 4671-4679.	1.1	60
13	The Crystal Structure of $[\text{Fe}]$ -Hydrogenase Reveals the Geometry of the Active Site. <i>Science</i> , 2008, 321, 572-575.	6.0	565
14	The Difference a Se Makes? Oxygen-Tolerant Hydrogen Production by the $[\text{NiFeSe}]$ -Hydrogenase from <i>Desulfomicrobium baculatum</i> . <i>Journal of the American Chemical Society</i> , 2008, 130, 13410-13416.	6.6	172
15	A Homogeneous System for the Photogeneration of Hydrogen from Water Based on a Platinum(II) Terpyridyl Acetylide Chromophore and a Molecular Cobalt Catalyst. <i>Journal of the American Chemical Society</i> , 2008, 130, 12576-12577.	6.6	433
16	Aza- and Oxadithiolates Are Probable Proton Relays in Functional Models for the $[\text{FeFe}]$ -Hydrogenases. <i>Journal of the American Chemical Society</i> , 2008, 130, 16834-16835.	6.6	191
17	Hydrogen Production under Aerobic Conditions by Membrane-Bound Hydrogenases from <i>Ralstonia</i> Species. <i>Journal of the American Chemical Society</i> , 2008, 130, 11106-11113.	6.6	94
18	Desymmetrized Diiron Azadithiolato Carbonyls: A Step Toward Modeling the Iron-Only Hydrogenases. <i>Organometallics</i> , 2008, 27, 119-125.	1.1	58
19	Catalytic Reactions Using Transition-Metal-Complexes Toward Solar Fuel Generation. <i>Bulletin of Japan Society of Coordination Chemistry</i> , 2008, 51, 41-54.	0.1	7
22	$[\{\text{Fe}(\text{tim})\}_2]$: An Fe-Fe Dimer Containing an Unsupported Metal-Metal Bond and Redox-Active N_4 Macrocyclic Ligands. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3703-3706.	7.2	66
23	Hydrogen Evolution at Liquid-Liquid Interfaces. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5139-5142.	7.2	77

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25	Powering the planet with solar fuel. <i>Nature Chemistry</i> , 2009, 1, 7-7.	6.6	1,492
26	Splitting with a difference. <i>Nature Chemistry</i> , 2009, 1, 185-186.	6.6	8
28	Photochemical hydrogen production catalyzed by polypyridyl ruthenium-cobaloxime heterobinuclear complexes with different bridges. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 2814-2819.	0.8	116
29	Hydrogen activation on organometallic complexes and H ₂ production, utilization, and storage for future energy. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 2648-2653.	0.8	132
30	Electron and proton transfers at diiron dithiolate sites relevant to the catalysis of proton reduction by the [FeFe]-hydrogenases. <i>Coordination Chemistry Reviews</i> , 2009, 253, 1476-1494.	9.5	298
31	Hydrogen Evolution Catalyzed by Cobaloximes. <i>Accounts of Chemical Research</i> , 2009, 42, 1995-2004.	7.6	946
32	Light-driven hydrogen production catalysed by transition metal complexes in homogeneous systems. <i>Dalton Transactions</i> , 2009, , 6458.	1.6	241
33	Cobalt and nickel diimine-dioxime complexes as molecular electrocatalysts for hydrogen evolution with low overvoltages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20627-20632.	3.3	388
34	Small molecule mimics of hydrogenases: hydrides and redox. <i>Chemical Society Reviews</i> , 2009, 38, 100-108.	18.7	615
35	Progress towards solar-powered homogeneous water photolysis. <i>Journal of Materials Chemistry</i> , 2009, 19, 3328.	6.7	143
36	Visible Light-Driven H ₂ Production by Hydrogenases Attached to Dye-Sensitized TiO ₂ Nanoparticles. <i>Journal of the American Chemical Society</i> , 2009, 131, 18457-18466.	6.6	407
37	Reduction of protons assisted by a hexanuclear nickel thiolate metallacrown: protonation and electrocatalytic dihydrogen evolution. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 5578.	1.3	24
38	An Efficient Homogeneous Intermolecular Rhenium-Based Photocatalytic System for the Production of H ₂ . <i>Inorganic Chemistry</i> , 2009, 48, 1836-1843.	1.9	159
39	Evidence for Pt(II)-Based Molecular Catalysis in the Thermal Reduction of Water into Molecular Hydrogen. <i>Journal of the American Chemical Society</i> , 2009, 131, 8404-8406.	6.6	96
40	Mechanistic Insights into Catalytic H ₂ Oxidation by Ni Complexes Containing a Diphosphine Ligand with a Positioned Amine Base. <i>Journal of the American Chemical Society</i> , 2009, 131, 5935-5945.	6.6	161
41	Hydrogen Activation by Biomimetic Diiron Dithiolates. <i>Inorganic Chemistry</i> , 2009, 48, 7507-7509.	1.9	60
42	Redox rich dicobalt macrocycles as templates for multi-electron transformations. <i>Chemical Communications</i> , 2009, , 6729.	2.2	50

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43	Visible Light-Driven Hydrogen Production from Aqueous Protons Catalyzed by Molecular Cobaloxime Catalysts. <i>Inorganic Chemistry</i> , 2009, 48, 4952-4962.	1.9	347
44	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
45	How algae produce hydrogen—news from the photosynthetic hydrogenase. <i>Dalton Transactions</i> , 2009, , 9960.	1.6	107
46	Dibromido(2,3,9,10-tetramethyl-1,4,8,11-tetraazacyclotetradeca-1,3,8,10-tetraene)cobalt(III) bromide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m1378-m1379.	0.2	1
47	Apparatus for H ₂ photosynthesis. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0
48	Supramolecular Cobaloxime Assemblies for H ₂ Photocatalysis: An Initial Solution State Structure—Function Analysis. <i>Journal of Physical Chemistry B</i> , 2010, 114, 14572-14581.	1.2	61
49	Frontier orbital engineering of photo-hydrogen-evolving molecular devices: a clear relationship between the H ₂ -evolving activity and the energy level of the LUMO. <i>Dalton Transactions</i> , 2010, 39, 5868.	1.6	56
50	Photoinduced electron transfer in tris(2,2'-bipyridine)ruthenium(ii)-viologen dyads with peptide backbones leading to long-lived charge separation and hydrogen evolution. <i>Dalton Transactions</i> , 2010, 39, 4421.	1.6	40
51	Water electrolysis and photoelectrolysis on electrodes engineered using biological and bio-inspired molecular systems. <i>Energy and Environmental Science</i> , 2010, 3, 727.	15.6	192
52	Artificial Photosynthesis. <i>ACS Symposium Series</i> , 2010, , 283-312.	0.5	2
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54	Catalytic hydrogen production at cobalt centres. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2492-2504.	9.5	286
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57	Redox-active ligand-mediated Co—Cl bond-forming reactions at reducing square planar cobalt(III) centers. <i>Polyhedron</i> , 2010, 29, 164-169.	1.0	66
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60	A molecular molybdenum-oxo catalyst for generating hydrogen from water. <i>Nature</i> , 2010, 464, 1329-1333.	13.7	637
61	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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64	Kinetics of Electron Transfer Reactions of H ₂ -Evolving Cobalt Diglyoxime Catalysts. <i>Journal of the American Chemical Society</i> , 2010, 132, 1060-1065.	6.6	187
65	Ultrafast Photodriven Intramolecular Electron Transfer from a Zinc Porphyrin to a Readily Reduced Diiron Hydrogenase Model Complex. <i>Journal of the American Chemical Society</i> , 2010, 132, 8813-8815.	6.6	136
66	Chromium-Catalyzed Radical Cyclization of Bromo and Chloro Acetals. <i>Organometallics</i> , 2010, 29, 6639-6641.	1.1	20
67	H ₂ Evolution and Molecular Electrocatalysts: Determination of Overpotentials and Effect of Homoconjugation. <i>Inorganic Chemistry</i> , 2010, 49, 10338-10347.	1.9	380
68	Influence of the Redox Active Ligand on the Reactivity and Electronic Structure of a Series of Fe(TIM) Complexes. <i>Inorganic Chemistry</i> , 2010, 49, 5686-5700.	1.9	23
69	Solar Energy Supply and Storage for the Legacy and Nonlegacy Worlds. <i>Chemical Reviews</i> , 2010, 110, 6474-6502.	23.0	2,676
70	Hydrogen oxidation catalysis by a nickel diphosphine complex with pendant tert-butyl amines. <i>Chemical Communications</i> , 2010, 46, 8618.	2.2	107
71	Mechanism of H ₂ Evolution from a Photogenerated Hydridocobaloxime. <i>Journal of the American Chemical Society</i> , 2010, 132, 16774-16776.	6.6	211
72	Comparison of Cobalt and Nickel Complexes with Sterically Demanding Cyclic Diphosphine Ligands: Electrocatalytic H ₂ Production by [Co(P ^{tert} ₂ N ^{Ph} ₂)(CH ₃ CN) ₃](BF ₄) ₃ . <i>Organometallics</i> , 2010, 29, 5390-5401.	11.1	195
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74	Efficient Synthesis of Hangman Porphyrins. <i>Organic Letters</i> , 2010, 12, 1036-1039.	2.4	48
75	Electrocatalytic reduction of protons to hydrogen by a water-compatible cobalt polypyridyl platform. <i>Chemical Communications</i> , 2010, 46, 958-960.	2.2	195
76	Hydrogen evolution by cobalt tetraaminecatalysts adsorbed on electrode surfaces. <i>Chemical Communications</i> , 2010, 46, 398-400.	2.2	154
77	Efficient electrocatalytic hydrogen production from H ⁺ ions using specially designed boron-capped cobalt clathrochelates. <i>Chemical Communications</i> , 2011, 47, 7737.	2.2	82
78	Characterization of the Electrical Properties of Individual p-Si Microwire/Polymer/n-Si Microwire Assemblies. <i>Journal of Physical Chemistry C</i> , 2011, 115, 24945-24950.	1.5	15
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82	Photocatalytic Hydrogen Evolution under Highly Basic Conditions by Using Ru Nanoparticles and 2-Phenyl-4-(1-naphthyl)quinolinium Ion. <i>Journal of the American Chemical Society</i> , 2011, 133, 16136-16145.	6.6	98
83	Photocatalytic H ₂ Production from Water with Rhenium and Cobalt Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 3404-3412.	1.9	150
84	Theoretical studies of the mechanism of catalytic hydrogen production by a cobaloxime. <i>Chemical Communications</i> , 2011, 47, 12456.	2.2	213
85	Molecular Cobalt Pentapyridine Catalysts for Generating Hydrogen from Water. <i>Journal of the American Chemical Society</i> , 2011, 133, 9212-9215.	6.6	397
87	Artificial Photosynthesis: From Molecular Catalysts for Light-driven Water Splitting to Photoelectrochemical Cells. <i>Photochemistry and Photobiology</i> , 2011, 87, 946-964.	1.3	273
88	Photocatalytic H ₂ production on hybrid catalyst system composed of inorganic semiconductor and cobaloximes catalysts. <i>Journal of Catalysis</i> , 2011, 281, 318-324.	3.1	102
89	Electro- and photocatalytic hydrogen generation in acetonitrile and aqueous solutions by a cobalt macrocyclic Schiff-base complex. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 11640-11645.	3.8	55
90	Solar Fuel Production Based on the Artificial Photosynthesis System. <i>ChemCatChem</i> , 2011, 3, 458-474.	1.8	107
91	In vitro hydrogen production using energy from the sun. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 47-57.	1.3	37
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93	Photocatalytic H ₂ evolution from neutral water with a molecular cobalt catalyst on a dye-sensitised TiO ₂ nanoparticle. <i>Chemical Communications</i> , 2011, 47, 1695.	2.2	180
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95	Photoinitiated multistep charge separation in ferrocene-zinc porphyrin-diiron hydrogenase model complex triads. <i>Energy and Environmental Science</i> , 2011, 4, 2441.	15.6	79
96	Nature-Driven Photochemistry for Catalytic Solar Hydrogen Production: A Photosystem I-Transition Metal Catalyst Hybrid. <i>Journal of the American Chemical Society</i> , 2011, 133, 16334-16337.	6.6	148
97	Theoretical Analysis of Mechanistic Pathways for Hydrogen Evolution Catalyzed by Cobaloximes. <i>Inorganic Chemistry</i> , 2011, 50, 11252-11262.	1.9	199
98	Hydrogen Generation by Hangman Metalloporphyrins. <i>Journal of the American Chemical Society</i> , 2011, 133, 8775-8777.	6.6	255
99	Rapid Water Reduction to H ₂ Catalyzed by a Cobalt Bis(iminopyridine) Complex. <i>Journal of the American Chemical Society</i> , 2011, 133, 18070-18073.	6.6	257

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101	A Synthetic Nickel Electrocatalyst with a Turnover Frequency Above 100,000 s ⁻¹ for H ₂ Production. <i>Science</i> , 2011, 333, 863-866.	6.0	1,070
102	Cp* ⁺ Ru ^{II} -Nickel ^{II} -Based H ₂ -Evolving Electrocatalysts as Bio ⁺ -Inspired Models of NiFe Hydrogenases. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1094-1099.	1.0	30
103	Molecular Electrocatalysts for the Oxidation of Hydrogen and the Production of Hydrogen – The Role of Pendant Amines as Proton Relays. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1017-1027.	1.0	204
105	Splitting Water with Cobalt. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7238-7266.	7.2	1,231
106	Size- and Shape-Dependent Activity of Metal Nanoparticles as Hydrogen-Evolution Catalysts: Mechanistic Insights into Photocatalytic Hydrogen Evolution. <i>Chemistry - A European Journal</i> , 2011, 17, 2777-2785.	1.7	97
107	Fast and efficient molecular electrocatalysts for H ₂ production: Using hydrogenase enzymes as guides. <i>MRS Bulletin</i> , 2011, 36, 39-47.	1.7	67
108	Boron-Capped Tris(glyoximate) Cobalt Clathrochelate as a Precursor for the Electrodeposition of Nanoparticles Catalyzing H ₂ Evolution in Water. <i>Journal of the American Chemical Society</i> , 2012, 134, 6104-6107.	6.6	169
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111	Implementing molecular catalysts for hydrogen production in proton exchange membrane water electrolyzers. <i>Coordination Chemistry Reviews</i> , 2012, 256, 2435-2444.	9.5	51
113	Electron Transfer in Dye-Sensitised Semiconductors Modified with Molecular Cobalt Catalysts: Photoreduction of Aqueous Protons. <i>Chemistry - A European Journal</i> , 2012, 18, 15464-15475.	1.7	112
114	Charge-separated excited states in platinum(II) chromophores: Photophysics, formation, stabilization and utilization in solar energy conversion. <i>Coordination Chemistry Reviews</i> , 2012, 256, 2530-2561.	9.5	84
115	Comparison between the electrical junction properties of H-terminated and methyl-terminated individual Si microwire/polymer assemblies for photoelectrochemical fuel production. <i>Energy and Environmental Science</i> , 2012, 5, 9789.	15.6	18
116	Metallomacrocycles as ligands: synthesis and characterisation of aluminium-bridged bisglyoximate complexes of palladium and iron. <i>Dalton Transactions</i> , 2012, 41, 8086.	1.6	5
117	A novel ruthenium(II)-cobaloxime supramolecular complex for photocatalytic H ₂ evolution: synthesis, characterisation and mechanistic studies. <i>Dalton Transactions</i> , 2012, 41, 13060.	1.6	40
118	Co ²⁺ /Co ⁺ Redox Tuning in Methyltransferases Induced by a Conformational Change at the Axial Ligand. <i>Inorganic Chemistry</i> , 2012, 51, 5533-5538.	1.9	15
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121	A Janus cobalt-based catalytic material for electro-splitting of water. <i>Nature Materials</i> , 2012, 11, 802-807.	13.3	784
122	Evidence for Formation of a Co-H Bond from (H ₂ O) ₂ Co(dmgBF ₂) ₂ under H ₂ : Application to Radical Cyclizations. <i>Journal of the American Chemical Society</i> , 2012, 134, 14662-14665.	6.6	107
123	Molecular mechanisms of cobalt-catalyzed hydrogen evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15127-15131.	3.3	237
124	Organometallic Ni Pincer Complexes for the Electrocatalytic Production of Hydrogen. <i>Inorganic Chemistry</i> , 2012, 51, 8704-8709.	1.9	84
125	Molecular systems for light driven hydrogen production. <i>Dalton Transactions</i> , 2012, 41, 13004.	1.6	346
126	Recent progress in electrochemical hydrogen production with earth-abundant metal complexes as catalysts. <i>Energy and Environmental Science</i> , 2012, 5, 6763.	15.6	474
127	Catalytic hydrogen evolution from a covalently linked dicobaloxime. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15589-15593.	3.3	102
128	Computational Study of Anomalous Reduction Potentials for Hydrogen Evolution Catalyzed by Cobalt Dithiolene Complexes. <i>Journal of the American Chemical Society</i> , 2012, 134, 15253-15256.	6.6	114
129	WS ₂ nanosheets as a highly efficient electrocatalyst for hydrogen evolution reaction. <i>Applied Catalysis B: Environmental</i> , 2012, 125, 59-66.	10.8	295
130	Nano cobalt oxides for photocatalytic hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 10462-10466.	3.8	33
132	Selective Reduction of Aqueous Protons to Hydrogen with a Synthetic Cobaloxime Catalyst in the Presence of Atmospheric Oxygen. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9381-9384.	7.2	123
133	Combining acid-base, redox and substrate binding functionalities to give a complete model for the [FeFe]-hydrogenase. <i>Nature Chemistry</i> , 2012, 4, 26-30.	6.6	304
134	Turnover Numbers, Turnover Frequencies, and Overpotential in Molecular Catalysis of Electrochemical Reactions. <i>Cyclic Voltammetry and Preparative-Scale Electrolysis. Journal of the American Chemical Society</i> , 2012, 134, 11235-11242.	6.6	647
135	Photochemical Production of NADH Using Cobaloxime Catalysts and Visible-Light Energy. <i>Inorganic Chemistry</i> , 2012, 51, 8057-8063.	1.9	36
136	Co-H interaction inspired alternate coordination geometries of biologically important cob(I)alamin: possible structural and mechanistic consequences for methyltransferases. <i>Journal of Biological Inorganic Chemistry</i> , 2012, 17, 1107-1121.	1.1	15
137	Hydrogen evolution catalyzed by MoS ₃ and MoS ₂ particles. <i>Energy and Environmental Science</i> , 2012, 5, 6136.	15.6	675
138	Photocatalytic Hydrogen Evolution Using 9-Phenyl-10-methyl-acridinium Ion Derivatives as Efficient Electron Mediators and Ru-Based Catalysts. <i>Australian Journal of Chemistry</i> , 2012, 65, 1573.	0.5	9

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139	The Hydrogen Catalyst Cobaloxime: A Multifrequency EPR and DFT Study of Cobaloxime's Electronic Structure. <i>Journal of Physical Chemistry B</i> , 2012, 116, 2943-2957.	1.2	48
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141	Synthesis, Characterization, and Reactivity of Fe Complexes Containing Cyclic Diazadiphosphine Ligands: The Role of the Pendant Base in Heterolytic Cleavage of H ₂ . <i>Journal of the American Chemical Society</i> , 2012, 134, 6257-6272.	6.6	91
142	Computational and Experimental Study of the Mechanism of Hydrogen Generation from Water by a Molecular Molybdenum-Oxo Electrocatalyst. <i>Journal of the American Chemical Society</i> , 2012, 134, 5233-5242.	6.6	68
143	Hydrogen Generation Catalyzed by Fluorinated Diglyoxime-Iron Complexes at Low Overpotentials. <i>Journal of the American Chemical Society</i> , 2012, 134, 8310-8313.	6.6	152
144	Electrocatalytic Hydrogen Evolution in Acidic Water with Molecular Cobalt Tetraazamacrocycles. <i>Journal of the American Chemical Society</i> , 2012, 134, 3164-3170.	6.6	301
145	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
146	A cobalt(ii) quaterpyridine complex as a visible light-driven catalyst for both water oxidation and reduction. <i>Energy and Environmental Science</i> , 2012, 5, 7903.	15.6	186
147	Phosphine Coordination to a Cobalt Diimine-Dioxime Catalyst Increases Stability during Light-Driven H ₂ Production. <i>Inorganic Chemistry</i> , 2012, 51, 2115-2120.	1.9	98
148	[Ni(P ^{Me}) ₂ N ^{Ph}] ₂ (BF ₄) ₂ as an Electrocatalyst for H ₂ Production. <i>ACS Catalysis</i> , 2012, 2, 720-727.	5.5	95
149	Electrochemical generation of hydrogen from acetic acid using a molecular molybdenum-oxo catalyst. <i>Energy and Environmental Science</i> , 2012, 5, 7762.	15.6	79
150	Immobilization technology: a sustainable solution for biofuel cell design. <i>Energy and Environmental Science</i> , 2012, 5, 5540-5563.	15.6	161
154	Reversible Electrocatalytic Production and Oxidation of Hydrogen at Low Overpotentials by a Functional Hydrogenase Mimic. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3152-3155.	7.2	128
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