

Harry B Gray

List of Publications by Year in descending order

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153
papers

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22099

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155
times ranked

16782
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#	ARTICLE	IF	CITATIONS
1	Frustration Dynamics and Electron-Transfer Reorganization Energies in Wild-Type and Mutant Azurins. <i>Journal of the American Chemical Society</i> , 2022, 144, 4178-4185.	6.6	3
2	Longitudinal manganese-enhanced magnetic resonance imaging of neural projections and activity. <i>NMR in Biomedicine</i> , 2022, 35, e4675.	1.6	8
3	Excitation-Wavelength-Dependent Photophysics of d ⁸ -Di-isocyanide Complexes. <i>Inorganic Chemistry</i> , 2022, 61, 2745-2759.	1.9	5
4	Photoredox Catalysis Mediated by Tungsten(0) Arylisocyanides in 1,2-Difluorobenzene. <i>Inorganic Chemistry</i> , 2022, , .	1.9	5
5	Copper(II) Binding to the Intrinsically Disordered C-Terminal Peptide of SARS-CoV-2 Virulence Factor Nsp1. <i>Inorganic Chemistry</i> , 2022, 61, 8992-8996.	1.9	1
6	Electron Transfer Proteins. , 2021, , 3-18.		2
7	Third-Generation W(CNAr) ₆ Photoreductants (CNAr = Fused-Ring and Alkynyl-Bridged) Tj ETQq1 1 0.784314 rgBT /Overl	1.9	15
8	Functional and protective hole hopping in metalloenzymes. <i>Chemical Science</i> , 2021, 12, 13988-14003.	3.7	31
9	Photoinduced hole hopping through tryptophans in proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	13
10	Role of intramolecular hydrogen bonds in promoting electron flow through amino acid and oligopeptide conjugates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	18
11	Temperature Dependence of Charge and Spin Transfer in Azurin. <i>Journal of Physical Chemistry C</i> , 2021, 125, 9875-9883.	1.5	26
12	Dimeric Corrole Analogs of Chlorophyll Special Pairs. <i>Journal of the American Chemical Society</i> , 2021, 143, 9450-9460.	6.6	8
13	Mechanism of Nickel-Iron Water Oxidation Electrocatalysts. <i>Energy & Fuels</i> , 2021, 35, 19164-19169.	2.5	18
14	Photoredox Catalysis Mediated by Tungsten(0) Arylisocyanides. <i>Journal of the American Chemical Society</i> , 2021, 143, 19389-19398.	6.6	25
15	EPR Spectroscopy of Iron- and Nickel-Doped [ZnAl]-Layered Double Hydroxides: Modeling Active Sites in Heterogeneous Water Oxidation Catalysts. <i>Journal of the American Chemical Society</i> , 2020, 142, 1838-1845.	6.6	28
16	Cyano-ambivalence: Spectroscopy and photophysics of [Ru(diimine)(CN-BR3)4]2+ complexes. <i>Polyhedron</i> , 2020, 188, 114692.	1.0	4
17	Structural stability of the SARS-CoV-2 main protease: Can metal ions affect function?. <i>Journal of Inorganic Biochemistry</i> , 2020, 211, 111179.	1.5	23
18	Conjecture on the Design of Helical Proteins. <i>Journal of Physical Chemistry B</i> , 2020, 124, 11067-11071.	1.2	0

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19	Cathodic NH ₄ ⁺ leaching of nitrogen impurities in CoMo thin-film electrodes in aqueous acidic solutions. <i>Sustainable Energy and Fuels</i> , 2020, 4, 5080-5087.	2.5	14
20	Funneled angle landscapes for helical proteins. <i>Journal of Inorganic Biochemistry</i> , 2020, 208, 111091.	1.5	4
21	Hole Hopping through Cytochrome P450. <i>Journal of Physical Chemistry B</i> , 2020, 124, 3065-3073.	1.2	5
22	A Super-Oxidized Radical Cationic Icosahedral Boron Cluster. <i>Journal of the American Chemical Society</i> , 2020, 142, 12948-12953.	6.6	16
23	Electronic Structures, Spectroscopy, and Electrochemistry of [M(diimine)(CN-BR ₃) ₄] ²⁺ (M = Fe, Ru; R =) <i>J. Electroanal. Chem.</i> 2020, 878, 149114	1.9	12
24	Light-Induced Nanosecond Relaxation Dynamics of Rhenium-Labeled <i>Pseudomonas aeruginosa</i> Azurins. <i>Journal of Physical Chemistry B</i> , 2020, 124, 788-797.	1.2	6
25	Enhanced Synthetic Access to Tris-CF ₃ -Substituted Corroles. <i>Organic Letters</i> , 2020, 22, 3119-3122.	2.4	15
26	Isotopically Selective Quantification by UPLC-MS of Aqueous Ammonia at Submicromolar Concentrations Using Dansyl Chloride Derivatization. <i>ACS Energy Letters</i> , 2020, 5, 1532-1536.	8.8	34
27	Structures and Spectroscopic Properties of Metalloporphyrin Nanoparticles. <i>Inorganic Chemistry</i> , 2019, 58, 10287-10294.	1.9	12
28	Electronic Structure of Tetracyanonickelate(II). <i>Inorganic Chemistry</i> , 2019, 58, 15202-15206.	1.9	9
29	Stereochemistry of residues in turning regions of helical proteins. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 879-888.	1.1	6
30	Mentoring: Reflections and Suggestions. <i>ACS Central Science</i> , 2019, 5, 1475-1476.	5.3	1
31	Hole Hopping Across a Protein-Protein Interface. <i>Journal of Physical Chemistry B</i> , 2019, 123, 1578-1591.	1.2	8
32	Photooxidative Generation of Dodecaborate-Based Weakly Coordinating Anions. <i>Inorganic Chemistry</i> , 2019, 58, 10516-10526.	1.9	7
33	Cell-Penetrating Protein/Corrole Nanoparticles. <i>Scientific Reports</i> , 2019, 9, 2294.	1.6	25
34	Tuning the formal potential of ferrocyanide over a 2.1 V range. <i>Chemical Science</i> , 2019, 10, 3623-3626.	3.7	27
35	Elements of Life at the Oxo Wall. <i>Chemistry International</i> , 2019, 41, 16-19.	0.3	8
36	Structure, Spectroscopy, and Electrochemistry of Manganese(I) and Rhenium(I) Quinoline Oximes. <i>Inorganic Chemistry</i> , 2019, 58, 737-746.	1.9	8

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37	Two Tryptophans Are Better Than One in Accelerating Electron Flow through a Protein. ACS Central Science, 2019, 5, 192-200.	5.3	28
38	Photoelectrochemical Performance of BiVO ₄ Photoanodes Integrated with [NiFe]-Layered Double Hydroxide Nanocatalysts. European Journal of Inorganic Chemistry, 2018, 2018, 1059-1059.	1.0	0
39	Trapping an Iron(VI) Water-Splitting Intermediate in Nonaqueous Media. Joule, 2018, 2, 747-763.	11.7	157
40	Relaxation of structural constraints during Amicyanin unfolding. Journal of Inorganic Biochemistry, 2018, 179, 135-145.	1.5	2
41	Photoelectrochemical Performance of BiVO ₄ Photoanodes Integrated with [NiFe]-Layered Double Hydroxide Nanocatalysts. European Journal of Inorganic Chemistry, 2018, 2018, 1060-1067.	1.0	19
42	Geometrical Description of Protein Structural Motifs. Journal of Physical Chemistry B, 2018, 122, 11289-11294.	1.2	8
43	Fluctuating hydrogen-bond networks govern anomalous electron transfer kinetics in a blue copper protein. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6129-6134.	3.3	34
44	Vibrational coherence transfer in the ultrafast intersystem crossing of a diplatinum complex in solution. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6396-E6403.	3.3	51
45	Iron Is the Active Site in Nickel/Iron Water Oxidation Electrocatalysts. Molecules, 2018, 23, 903.	1.7	66
46	Living with Oxygen. Accounts of Chemical Research, 2018, 51, 1850-1857.	7.6	106
47	Mixed-Metal Tungsten Oxide Photoanode Materials Made by Pulsed-Laser in Liquids Synthesis. ChemPhysChem, 2017, 18, 1091-1100.	1.0	14
48	Electronic structures and photophysics of d ₈ -d ₈ complexes. Coordination Chemistry Reviews, 2017, 345, 297-317.	9.5	70
49	Electronic Structures of Reduced and Superreduced Ir ₂ (1,8-diisocyanomenthane) ₄ Complexes. Inorganic Chemistry, 2017, 56, 2874-2883.	1.9	5
50	Conservation of vibrational coherence in ultrafast electronic relaxation: The case of diplatinum complexes in solution. Chemical Physics Letters, 2017, 683, 112-120.	1.2	36
51	Electrochemistry in ionic liquids: Case study of a manganese corrole. Russian Journal of Electrochemistry, 2017, 53, 1189-1193.	0.3	4
52	Two-photon spectroscopy of tungsten(0) arylisocyanides using nanosecond-pulsed excitation. Dalton Transactions, 2017, 46, 13188-13193.	1.6	8
53	Ultrafast Wiggling and Jiggling: Ir ₂ (1,8-diisocyanomenthane) ₄ ²⁺ . Journal of Physical Chemistry A, 2017, 121, 9275-9283.	1.1	4
54	Hole Hopping through Tryptophan in Cytochrome P450. Biochemistry, 2017, 56, 3531-3538.	1.2	23

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55	Fighting Cancer with Corroles. <i>Chemical Reviews</i> , 2017, 117, 2711-2729.	23.0	243
56	Visible-Light-Induced Olefin Activation Using 3D Aromatic Boron-Rich Cluster Photooxidants. <i>Journal of the American Chemical Society</i> , 2016, 138, 6952-6955.	6.6	95
57	Proton-hydride tautomerism in hydrogen evolution catalysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6409-6414.	3.3	114
58	Translational Science for Energy and Beyond. <i>Inorganic Chemistry</i> , 2016, 55, 9131-9143.	1.9	11
59	Intersystem Crossing in Diplatinum Complexes. <i>Journal of Physical Chemistry A</i> , 2016, 120, 7671-7676.	1.1	11
60	The Rise of Radicals in Bioinorganic Chemistry. <i>Israel Journal of Chemistry</i> , 2016, 56, 640-648.	1.0	23
61	Earth-Abundant Heterogeneous Water Oxidation Catalysts. <i>Chemical Reviews</i> , 2016, 116, 14120-14136.	23.0	1,259
62	Electron flow through biological molecules: does hole hopping protect proteins from oxidative damage?. <i>Quarterly Reviews of Biophysics</i> , 2015, 48, 411-420.	2.4	63
63	Factors affecting bismuth vanadate photoelectrochemical performance. <i>Materials Horizons</i> , 2015, 2, 330-337.	6.4	38
64	Bespoke Photoreductants: Tungsten Arylisocyanides. <i>Journal of the American Chemical Society</i> , 2015, 137, 1198-1205.	6.6	97
65	Hole hopping through tyrosine/tryptophan chains protects proteins from oxidative damage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10920-10925.	3.3	185
66	Could tyrosine and tryptophan serve multiple roles in biological redox processes?. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2015, 373, 20140178.	1.6	29
67	Spin-Orbit TDDFT Electronic Structure of Diplatinum(II,II) Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 3491-3500.	1.9	35
68	A corrole nanobiologic elicits tissue-activated MRI contrast enhancement and tumor-targeted toxicity. <i>Journal of Controlled Release</i> , 2015, 217, 92-101.	4.8	28
69	Electronic Excited States of Tungsten(0) Arylisocyanides. <i>Inorganic Chemistry</i> , 2015, 54, 8518-8528.	1.9	34
70	Earth-abundant hydrogen evolution electrocatalysts. <i>Chemical Science</i> , 2014, 5, 865-878.	3.7	636
71	Electron Flow through Metalloproteins. <i>Chemical Reviews</i> , 2014, 114, 3369-3380.	23.0	223
72	Highly Active Mixed-Metal Nanosheet Water Oxidation Catalysts Made by Pulsed-Laser Ablation in Liquids. <i>Journal of the American Chemical Society</i> , 2014, 136, 13118-13121.	6.6	278

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73	Long-Range Electron Tunneling. <i>Journal of the American Chemical Society</i> , 2014, 136, 2930-2939.	6.6	238
74	Electron Flow through Nitrotyrosinate in <i>Pseudomonas aeruginosa</i> Azurin. <i>Journal of the American Chemical Society</i> , 2013, 135, 11151-11158.	6.6	37
75	Generation of Powerful Tungsten Reductants by Visible Light Excitation. <i>Journal of the American Chemical Society</i> , 2013, 135, 10614-10617.	6.6	91
76	Co ₃ O ₄ Nanoparticle Water-Oxidation Catalysts Made by Pulsed-Laser Ablation in Liquids. <i>ACS Catalysis</i> , 2013, 3, 2497-2500.	5.5	190
77	Tryptophan-Accelerated Electron Flow Across a Protein-Protein Interface. <i>Journal of the American Chemical Society</i> , 2013, 135, 15515-15525.	6.6	43
78	Hopping maps for photosynthetic reaction centers. <i>Coordination Chemistry Reviews</i> , 2013, 257, 165-170.	9.5	28
79	Enhanced Stability and Activity for Water Oxidation in Alkaline Media with Bismuth Vanadate Photoelectrodes Modified with a Cobalt Oxide Catalytic Layer Produced by Atomic Layer Deposition. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 4188-4191.	2.1	116
80	Electron hopping through proteins. <i>Coordination Chemistry Reviews</i> , 2012, 256, 2478-2487.	9.5	139
81	M ⁿ Bond-Stretching Energy Landscapes for M ₂ (dimen) ₄ ²⁺ (M =) Tj ETQq1 1 0.784314 rg 1.9 16	1.9	16
82	Structural Control of 1A _{2u} -to-3A _{2u} Intersystem Crossing in Diplatinum(II,II) Complexes. <i>Journal of the American Chemical Society</i> , 2012, 134, 14201-14207.	6.6	43
83	Spectroscopic and redox properties of amine-functionalized K ₂ [OsII(bpy)(CN) ₄] complexes. <i>Dalton Transactions</i> , 2011, 40, 1732.	1.6	6
84	Mass Spectrometric Characterization of Oligomers in <i>Pseudomonas aeruginosa</i> Azurin Solutions. <i>Journal of Physical Chemistry B</i> , 2011, 115, 4790-4800.	1.2	9
85	Electronic Structures of Oxo-Metal Ions. <i>Structure and Bonding</i> , 2011, , 17-28.	1.0	193
86	Noninnocence in Metal Complexes: A Dithiolene Dawn. <i>Inorganic Chemistry</i> , 2011, 50, 9741-9751.	1.9	306
87	Phototriggering Electron Flow through Re ^I -modified <i>Pseudomonas aeruginosa</i> Azurins. <i>Chemistry - A European Journal</i> , 2011, 17, 5350-5361.	1.7	51
88	Electron flow through metalloproteins. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 1563-1572.	0.5	208
89	Photooxidation of cytochrome P450-BM3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18783-18786.	3.3	84
90	Outer-Sphere Effects on Reduction Potentials of Copper Sites in Proteins: The Curious Case of High Potential Type 2 C112D/M121E <i>Pseudomonas aeruginosa</i> Azurin. <i>Journal of the American Chemical Society</i> , 2010, 132, 14590-14595.	6.6	33

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91	Tumor detection and elimination by a targeted gallium corrole. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6105-6110.	3.3	162
92	Powering the planet with solar fuel. Nature Chemistry, 2009, 1, 7-7.	6.6	1,492
93	Type-zero copper proteins. Nature Chemistry, 2009, 1, 711-715.	6.6	93
94	Electron flow through proteins. Chemical Physics Letters, 2009, 483, 1-9.	1.2	136
95	Hydrogen Evolution Catalyzed by Cobaloximes. Accounts of Chemical Research, 2009, 42, 1995-2004.	7.6	946
96	Relaxation Dynamics of <i>Pseudomonas aeruginosa</i> $\text{Re}^{\text{I}}(\text{CO})_3(\text{I}^{\pm}\text{-diimine})(\text{HisX})^{\text{+}}$ (X = 83, 107, 109, 124, 126) Cu^{II} Azurins. Journal of the American Chemical Society, 2009, 131, 11788-11800.	6.6	55
97	High-Potential C112D/M121X (X = M, E, H, L) <i>Pseudomonas aeruginosa</i> Azurins. Inorganic Chemistry, 2009, 48, 1278-1280.	1.9	38
98	Tryptophan-Accelerated Electron Flow Through Proteins. Science, 2008, 320, 1760-1762.	6.0	392
99	Amphiphilic aluminium(III) and gallium(III) corroles. Journal of Porphyrins and Phthalocyanines, 2007, 11, 189-197.	0.4	23
100	$\hat{\pm}$ -Synuclein Tertiary Contact Dynamics. Journal of Physical Chemistry B, 2007, 111, 2107-2112.	1.2	59
101	Excited-State Dynamics of Structurally Characterized $[\text{Re}^{\text{I}}(\text{CO})_3(\text{phen})(\text{HisX})]^{\text{+}}$ (X = 83, 109) <i>Pseudomonas aeruginosa</i> Azurins in Aqueous Solution. Journal of the American Chemical Society, 2006, 128, 4365-4370.	6.6	69
102	Electronic Excited States of Tetracyanonickelate(II). Inorganic Chemistry, 2006, 45, 7397-7400.	1.9	8
103	HOW DO CORROLES STABILIZE HIGH VALENT METALS?. Comments on Inorganic Chemistry, 2006, 27, 61-72.	3.0	86
104	Long-range electron transfer. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3534-3539.	3.3	723
105	Electron Tunneling Through Organic Molecules in Frozen Glasses. Science, 2005, 307, 99-102.	6.0	149
106	Oxoiron(IV) in Chloroperoxidase Compound II Is Basic: Implications for P450 Chemistry. Science, 2004, 304, 1653-1656.	6.0	477
107	Anchoring Group and Auxiliary Ligand Effects on the Binding of Ruthenium Complexes to Nanocrystalline TiO_2 Photoelectrodes. Journal of Physical Chemistry B, 2004, 108, 15640-15651.	1.2	117
108	Electron tunneling in rhenium-modified <i>Pseudomonas aeruginosa</i> azurins. Biochimica Et Biophysica Acta - Bioenergetics, 2004, 1655, 59-63.	0.5	27

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109	Inner-Sphere Electron-Transfer Reorganization Energies of Zinc Porphyrins. <i>Journal of the American Chemical Society</i> , 2004, 126, 15566-15571.	6.6	59
110	Electron tunneling through proteins. <i>Quarterly Reviews of Biophysics</i> , 2003, 36, 341-372.	2.4	566
111	Electron-Transfer Reorganization Energies of Isolated Organic Molecules. <i>Journal of Physical Chemistry A</i> , 2002, 106, 7593-7598.	1.1	52
112	Properties of Photogenerated Tryptophan and Tyrosyl Radicals in Structurally Characterized Proteins Containing Rhenium(I) Tricarbonyl Diimines. <i>Journal of the American Chemical Society</i> , 2001, 123, 3181-3182.	6.6	123
113	Chromium Corroles in Four Oxidation States. <i>Inorganic Chemistry</i> , 2001, 40, 6788-6793.	1.9	94
114	Electron Tunneling in Single Crystals of <i>Pseudomonas aeruginosa</i> Azurins. <i>Journal of the American Chemical Society</i> , 2001, 123, 11623-11631.	6.6	176
115	X-ray absorption spectroscopy of folded and unfolded copper(I) azurin. <i>Inorganica Chimica Acta</i> , 2000, 297, 278-282.	1.2	35
116	Copper coordination in blue proteins. <i>Journal of Biological Inorganic Chemistry</i> , 2000, 5, 551-559.	1.1	445
117	Structures of ruthenium-modified <i>Pseudomonas aeruginosa</i> azurin and [Ru(2,2'-bipyridine) ₂ (imidazole) ₂]SO ₄ ·10H ₂ O. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1999, 55, 379-385.	2.5	22
118	X-ray Absorption Spectra of the Oxidized and Reduced Forms of C112D Azurin from <i>Pseudomonas aeruginosa</i> . <i>Inorganic Chemistry</i> , 1999, 38, 433-438.	1.9	36
119	Rates of Intramolecular Electron Transfer in Ru(bpy) ₂ (im)(His83)-Modified Azurin Increase below 220 K. <i>Journal of the American Chemical Society</i> , 1998, 120, 1102-1103.	6.6	80
120	Reorganization Energy of Blue Copper: Effects of Temperature and Driving Force on the Rates of Electron Transfer in Ruthenium- and Osmium-Modified Azurins. <i>Journal of the American Chemical Society</i> , 1997, 119, 9921-9922.	6.6	141
121	Solution Structure of Oxidized Horse Heart Cytochrome c. <i>Biochemistry</i> , 1997, 36, 9867-9877.	1.2	290
122	Photoinduced Oxidation of Horseradish Peroxidase. <i>Journal of the American Chemical Society</i> , 1997, 119, 2464-2469.	6.6	89
123	Electron tunneling in structurally engineered proteins. <i>Journal of Electroanalytical Chemistry</i> , 1997, 438, 43-47.	1.9	31
124	Role of the active-site cysteine of <i>Pseudomonas aeruginosa</i> azurin. Crystal structure analysis of the Cu(I)(Cys112Asp) protein. <i>Journal of Biological Inorganic Chemistry</i> , 1997, 2, 464-469.	1.1	35
125	Photoinduced Oxidation of Microperoxidase-8: Generation of Ferryl and Cation-Radical Porphyrins. <i>Journal of the American Chemical Society</i> , 1996, 118, 117-120.	6.6	103
126	Structures of [M ₂ (dimen) ₄](Y) ₂ (M = Rh, Ir; dimen = 1,8-Diisocyanomenthane; Y = PF ₆) and [M ₂ (dimen) ₄](Y) ₂ ·nH ₂ O (M = Rh, Ir; dimen = 1,8-Diisocyanomenthane; Y = PF ₆ ; n = 10, 11, 12). Range of Metal-Metal Distances and Dihedral Twist Angles. <i>Inorganic Chemistry</i> , 1996, 35, 549-550.	1.9	35

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127	Tricarbonyl(1,10-phenanthroline) (imidazole) rhenium(I): a powerful photooxidant for investigations of electron tunneling in proteins. <i>Inorganica Chimica Acta</i> , 1995, 240, 169-173.	1.2	142
128	Electron transfer in ruthenium-modified proteins. <i>Journal of Bioenergetics and Biomembranes</i> , 1995, 27, 295-302.	1.0	123
129	Spectroscopy and Photophysics of Rh ₂ (dimen) ₂ ⁴⁺ (dimen = 1,8-Diisocyanomenthane). Exceptional Metal-Metal Bond Shortening in the Lowest Electronic Excited States. <i>Inorganic Chemistry</i> , 1994, 33, 2799-2807.	1.9	52
130	Excited-state decay processes of binuclear rhodium(I) isocyanide complexes. <i>The Journal of Physical Chemistry</i> , 1993, 97, 4277-4283.	2.9	28
131	Electron transfer in ruthenium-modified proteins. <i>Chemical Reviews</i> , 1992, 92, 369-379.	23.0	604
132	Blue to type 2 binding. Copper(II) and cobalt(II) derivatives of a Cys112Asp mutant of <i>Pseudomonas aeruginosa</i> azurin. <i>Journal of the American Chemical Society</i> , 1992, 114, 10076-10078.	6.6	90
133	Photochemistry of binuclear d ₈ complexes. <i>Coordination Chemistry Reviews</i> , 1990, 100, 169-181.	9.5	79
134	Electronic absorption and MCD spectra of M ₂ (TMB) ₂ ⁴⁺ , M = rhodium and iridium. A valence-bond description of the upper electronic excited states. <i>Journal of the American Chemical Society</i> , 1990, 112, 3759-3767.	6.6	33
135	Atom-Transfer Reactivity of Binuclear d ₈ Complexes. <i>ACS Symposium Series</i> , 1989, , 356-365.	0.5	8
136	Dihydridotetrakis(pyrophosphito(2-))(diplatinate(III)). <i>Journal of the American Chemical Society</i> , 1987, 109, 5233-5235.	6.6	32
137	Binuclear platinum(II) photochemistry. Reactions of organometallic hydrides with electronically excited tetrakis(pyrophosphito)diplatinate(II). <i>Inorganic Chemistry</i> , 1987, 26, 1997-2001.	1.9	28
138	Binuclear platinum(II) photochemistry. Rates of hydrogen atom transfer from organometallic hydrides to electronically excited Pt ₂ (P ₂ O ₅ H ₂) ₄ ⁴⁻ . <i>Journal of the American Chemical Society</i> , 1987, 109, 286-287.	6.6	36
139	Metal-metal interactions in binuclear rhodium isocyanide complexes. Resonance Raman spectra of the 1A _{1g} and Eu ₃ A _{2u} electronic states of tetrakis(1,3-diisocyanopropane)dirhodium(I). <i>Journal of the American Chemical Society</i> , 1981, 103, 1595-1596.	6.6	48
140	Metal-metal interactions in binuclear rhodium isocyanide complexes. Polarized single-crystal spectroscopic studies of the lowest triplet-singlet system in tetrakis(1,3-diisocyanopropane)dirhodium(2+). <i>Journal of the American Chemical Society</i> , 1981, 103, 1593-1595.	6.6	47
141	Crystal structure analyses of Rh ₂ (bridge) ₄ (BPh ₄) ₂ .CH ₃ CN and Rh ₂ (TM ₄ -bridge) ₄ (PF ₆) ₂ .2CH ₃ CN. Further electronic spectral studies of binuclear rhodium(I) isocyanide complexes. <i>Inorganic Chemistry</i> , 1980, 19, 2462-2468.	1.9	66
142	Solar energy storage reactions. Thermal and photochemical redox reactions of polynuclear rhodium isocyanide complexes. <i>Journal of the American Chemical Society</i> , 1980, 102, 7252-7256.	6.6	69
143	Photochemistry of Metal-Isocyanide Complexes and Its Possible Relevance to Solar Energy Conversion. <i>Advances in Chemistry Series</i> , 1978, , 44-56.	0.6	28
144	Solar energy storage. Production of hydrogen by 546-nm irradiation of a dinuclear rhodium(I) complex in acidic aqueous solution. <i>Journal of the American Chemical Society</i> , 1977, 99, 5525-5526.	6.6	123

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145	Excited-state reactivity patterns of hexakisarylisocyano complexes of chromium(0), molybdenum(0), and tungsten(0). <i>Journal of the American Chemical Society</i> , 1977, 99, 306-307.	6.6	93
146	Characterization of oligomers of tetrakis(phenyl isocyanide)rhodium(I) in acetonitrile solution. <i>Journal of the American Chemical Society</i> , 1975, 97, 3553-3555.	6.6	152
147	Polarized electronic spectra of tetracyanonickelate(II) at 5.deg.K. <i>Journal of the American Chemical Society</i> , 1973, 95, 7873-7875.	6.6	22
148	Electronic structures of square-planar complexes. <i>Journal of the American Chemical Society</i> , 1968, 90, 5721-5729.	6.6	233
149	Trigonal-Prismatic Coordination. <i>Advances in Chemistry Series</i> , 1967, , 641-650.	0.6	7
150	The Electronic Structure of Permanganate Ion. <i>Inorganic Chemistry</i> , 1964, 3, 1113-1123.	1.9	191
151	A Molecular Orbital Theory for Square Planar Metal Complexes. <i>Journal of the American Chemical Society</i> , 1963, 85, 260-265.	6.6	408
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153	The Electronic Structure of the Vanadyl Ion. <i>Inorganic Chemistry</i> , 1962, 1, 111-122.	1.9	1,405