Harry B Gray

List of Publications by Year
in descending order

#	Article	IF	Citations
1	Powering the planet with solar fuel. Nature Chemistry, 2009, 1, 7-7.	6.6	1,492
2	The Electronic Structure of the Vanadyl Ion. Inorganic Chemistry, 1962, 1, 111-122.	1.9	1,405
3	Earth-Abundant Heterogeneous Water Oxidation Catalysts. Chemical Reviews, 2016, 116, 14120-14136.	23.0	1,259
4	Hydrogen Evolution Catalyzed by Cobaloximes. Accounts of Chemical Research, 2009, 42, 1995-2004.	7.6	946
5	Long-range electron transfer. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3534-3539.	3.3	723
6	Earth-abundant hydrogen evolution electrocatalysts. Chemical Science, 2014, 5, 865-878.	3.7	636
7	Electron transfer in ruthenium-modified proteins. Chemical Reviews, 1992, 92, 369-379.	23.0	604
8	Electron tunneling through proteins. Quarterly Reviews of Biophysics, 2003, 36, 341-372.	2.4	566
9	Oxoiron(IV) in Chloroperoxidase Compound II Is Basic: Implications for P450 Chemistry. Science, 2004, 304, 1653-1656.	6.0	477
10	Copper coordination in blue proteins. Journal of Biological Inorganic Chemistry, 2000, 5, 551-559.	1.1	445
11	A Molecular Orbital Theory for Square Planar Metal Complexes. Journal of the American Chemical Society, 1963, 85, 260-265.	6.6	408
12	Tryptophan-Accelerated Electron Flow Through Proteins. Science, 2008, 320, 1760-1762.	6.0	392
13	Noninnocence in Metal Complexes: A Dithiolene Dawn. Inorganic Chemistry, 2011, 50, 9741-9751.	1.9	306
14	Solution Structure of Oxidized Horse Heart Cytochrome câ€'âŠ¥. Biochemistry, 1997, 36, 9867-9877.	1.2	290
15	Highly Active Mixed-Metal Nanosheet Water Oxidation Catalysts Made by Pulsed-Laser Ablation in Liquids. Journal of the American Chemical Society, 2014, 136, 13118-13121.	6.6	278
16	Fighting Cancer with Corroles. Chemical Reviews, 2017, 117, 2711-2729.	23.0	243
17	Long-Range Electron Tunneling. Journal of the American Chemical Society, 2014, 136, 2930-2939.	6.6	238
18	Electronic structures of square-planar complexes. Journal of the American Chemical Society, 1968, 90, 5721-5729.	6.6	233

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19	Electron Flow through Metalloproteins. Chemical Reviews, 2014, 114, 3369-3380.	23.0	223
20	Electron flow through metalloproteins. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 1563-1572.	0.5	208
21	Electronic Structures of Oxo-Metal Ions. Structure and Bonding, 2011, , 17-28.	1.0	193
22	The Electronic Structure of Permanganate Ion. Inorganic Chemistry, 1964, 3, 1113-1123.	1.9	191
23	Co₃O₄ Nanoparticle Water-Oxidation Catalysts Made by Pulsed-Laser Ablation in Liquids. ACS Catalysis, 2013, 3, 2497-2500.	5.5	190
24	Hole hopping through tyrosine/tryptophan chains protects proteins from oxidative damage. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10920-10925.	3.3	185
25	The Electronic Structures and Spectra of Chromyl and Molybdenyl Ions. Inorganic Chemistry, 1962, 1, 363-368.	1.9	183
26	Electron Tunneling in Single Crystals ofPseudomonas aeruginosaAzurins. Journal of the American Chemical Society, 2001, 123, 11623-11631.	6.6	176
27	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
28	Trapping an Iron(VI) Water-Splitting Intermediate in Nonaqueous Media. Joule, 2018, 2, 747-763.	11.7	157
29	Characterization of oligomers of tetrakis(phenyl isocyanide)rhodium(I) in acetonitrile solution. Journal of the American Chemical Society, 1975, 97, 3553-3555.	6.6	152
30	Electron Tunneling Through Organic Molecules in Frozen Glasses. Science, 2005, 307, 99-102.	6.0	149
31	Tricarbonyl(1,10-phenanthroline) (imidazole) rhenium(I): a powerful photooxidant for investigations of electron tunneling in proteins. Inorganica Chimica Acta, 1995, 240, 169-173.	1.2	142
32	Reorganization Energy of Blue Copper:Â Effects of Temperature and Driving Force on the Rates of Electron Transfer in Ruthenium- and Osmium-Modified Azurins. Journal of the American Chemical Society, 1997, 119, 9921-9922.	6.6	141
33	Electron hopping through proteins. Coordination Chemistry Reviews, 2012, 256, 2478-2487.	9.5	139
34	Electron flow through proteins. Chemical Physics Letters, 2009, 483, 1-9.	1.2	136
35	Solar energy storage. Production of hydrogen by 546-nm irradiation of a dinuclear rhodium(I) complex in acidic aqueous solution. Journal of the American Chemical Society, 1977, 99, 5525-5526.	6.6	123
36	Electron transfer in ruthenium-modified proteins. Journal of Bioenergetics and Biomembranes, 1995, 27, 295-302.	1.0	123

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37	Properties of Photogenerated Tryptophan and Tyrosyl Radicals in Structurally Characterized Proteins Containing Rhenium(I) Tricarbonyl Diimines. Journal of the American Chemical Society, 2001, 123, 3181-3182.	6.6	123
38	Anchoring Group and Auxiliary Ligand Effects on the Binding of Ruthenium Complexes to Nanocrystalline TiO2Photoelectrodes. Journal of Physical Chemistry B, 2004, 108, 15640-15651.	1.2	117
39	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. Journal of Physical Chemistry Letters, 2013, 4, 4188-4191.	2.1	116
40	Protonâ€“hydride tautomerism in hydrogen evolution catalysis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6409-6414.	3.3	114
41	Living with Oxygen. Accounts of Chemical Research, 2018, 51, 1850-1857.	7.6	106
42	Photoinduced Oxidation of Microperoxidase-8:Â Generation of Ferryl and Cation-Radical Porphyrins. Journal of the American Chemical Society, 1996, 118, 117-120.	6.6	103
43	Bespoke Photoreductants: Tungsten Arylisocyanides. Journal of the American Chemical Society, 2015, 137, 1198-1205.	6.6	97
44	Visible-Light-Induced Olefin Activation Using 3D Aromatic Boron-Rich Cluster Photooxidants. Journal of the American Chemical Society, 2016, 138, 6952-6955.	6.6	95
45	Chromium Corroles in Four Oxidation States. Inorganic Chemistry, 2001, 40, 6788-6793.	1.9	94
46	Excited-state reactivity patterns of hexakisarylisocyano complexes of chromium(0), molybdenum(0), and tungsten(0). Journal of the American Chemical Society, 1977, 99, 306-307.	6.6	93
47	Type-zero copper proteins. Nature Chemistry, 2009, 1, 711-715.	6.6	93
48	Generation of Powerful Tungsten Reductants by Visible Light Excitation. Journal of the American Chemical Society, 2013, 135, 10614-10617.	6.6	91
49	Blue to type 2 binding. Copper(II) and cobalt(II) derivatives of a Cys112Asp mutant of Pseudomonas aeruginosa azurin. Journal of the American Chemical Society, 1992, 114, 10076-10078.	6.6	90
50	Photoinduced Oxidation of Horseradish Peroxidase. Journal of the American Chemical Society, 1997, 119, 2464-2469.	6.6	89
51	HOW DO CORROLES STABILIZE HIGH VALENT METALS?. Comments on Inorganic Chemistry, 2006, 27, 61-72.	3.0	86
52	Photooxidation of cytochrome P450-BM3. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18783-18786.	3.3	84
53	Rates of Intramolecular Electron Transfer in Ru(bpy)2(im)(His83)-Modified Azurin Increase below 220 K. Journal of the American Chemical Society, 1998, 120, 1102-1103.	6.6	80
54	Photochemistry of binuclear d8 complexes. Coordination Chemistry Reviews, 1990, 100, 169-181.	9.5	79

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55	Electronic structures and photophysics of d8-d8 complexes. Coordination Chemistry Reviews, 2017, 345, 297-317.	9.5	70
56	Solar energy storage reactions. Thermal and photochemical redox reactions of polynuclear rhodium isocyanide complexes. Journal of the American Chemical Society, 1980, 102, 7252-7256.	6.6	69
57	Excited-State Dynamics of Structurally Characterized [Re I (CO) 3 (phen)(HisX)] + (X = 83, 109) Pseudomonas a eruginosa Azurins in Aqueous Solution. Journal of the American Chemical Society, 2006, 128, 4365-4370.	6.6	69
58	Crystal structure analyses of Rh2(bridge)4(BPh4)2.CH3CN and Rh2(TM4-bridge)4(PF6)2.2CH3CN. Further electronic spectral studies of binuclear rhodium(I) isocyanide complexes. Inorganic Chemistry, 1980, 19, 2462-2468.	1.9	66
59	Iron Is the Active Site in Nickel/Iron Water Oxidation Electrocatalysts. Molecules, 2018, 23, 903.	1.7	66
60	Electron flow through biological molecules: does hole hopping protect proteins from oxidative damage?. Quarterly Reviews of Biophysics, 2015, 48, 411-420.	2.4	63
61	Inner-Sphere Electron-Transfer Reorganization Energies of Zinc Porphyrins. Journal of the American Chemical Society, 2004, 126, 15566-15571.	6.6	59
62	Î±-Synuclein Tertiary Contact Dynamics. Journal of Physical Chemistry B, 2007, 111, 2107-2112.	1.2	59
63	Relaxation Dynamics of <i>Pseudomonas aeruginosa</i> Re^I(CO)₃(Î±-diimine)(HisX)⁺ (X = 83, 107, 109, 124, 126)Cu^{II} Azurins. Journal of the American Chemical Society, 2009, 131, 11788-11800.	6.6	55
64	Spectroscopy and Photophysics of Rh2(dimen)42+ (dimen =1,8-Diisocyanomenthane). Exceptional Metal-Metal Bond Shortening in the Lowest Electronic Excited States. Inorganic Chemistry, 1994, 33, 2799-2807.	1.9	52
65	Electron-Transfer Reorganization Energies of Isolated Organic Molecules. Journal of Physical Chemistry A, 2002, 106, 7593-7598.	1.1	52
66	Phototriggering Electron Flow through Re^Iâ€modified <i>Pseudomonas aeruginosa</i> Azurins. Chemistry - A European Journal, 2011, 17, 5350-5361.	1.7	51
67	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
68	Metal-metal interactions in binuclear rhodium isocyanide complexes. Resonance Raman spectra of the 1Alg and Eu3A2u electronic states of tetrakis(1,3-diisocyanopropane)dirhodium(I). Journal of the American Chemical Society, 1981, 103, 1595-1596.	6.6	48
69	Metal-metal interactions in binuclear rhodium isocyanide complexes. Polarized single-crystal spectroscopic studies of the lowest triplet.rarw.singlet system in tetrakis(1,3-diisocyanopropane)dirhodium(2+). Journal of the American Chemical Society, 1981, 103, 1593-1595.	6.6	47
70	Structural Control of1A2u-to-3A2uIntersystem Crossing in Diplatinum(II,II) Complexes. Journal of the American Chemical Society, 2012, 134, 14201-14207.	6.6	43
71	Tryptophan-Accelerated Electron Flow Across a Proteinâ€"Protein Interface. Journal of the American Chemical Society, 2013, 135, 15515-15525.	6.6	43
72	High-Potential C112D/M121X (X = M, E, H, L) <i>Pseudomonas aeruginosa</i> Azurins. Inorganic Chemistry, 2009, 48, 1278-1280.	1.9	38

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73	Factors affecting bismuth vanadate photoelectrochemical performance. Materials Horizons, 2015, 2, 330-337.	6.4	38
74	Electron Flow through Nitrotyrosinate in Pseudomonas aeruginosa Azurin. Journal of the American Chemical Society, 2013, 135, 11151-11158.	6.6	37
75	Binuclear platinum(II) photochemistry. Rates of hydrogen atom transfer from organometallic hydrides to electronically excited Pt2(P2O5H2)44-. Journal of the American Chemical Society, 1987, 109, 286-287.	6.6	36
76	X-ray Absorption Spectra of the Oxidized and Reduced Forms of C112D Azurin from Pseudomonas aeruginosa. Inorganic Chemistry, 1999, 38, 433-438.	1.9	36
77	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
78	Structures of [M2(dimen)4](Y)2(M = Rh, Ir; dimen = 1,8-Diisocyanomenthane; Y = PF6,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (Te Range of Metalâ˘'Metal Distances and Dihedral Twist Angles. Inorganic Chemistry, 1996, 35, 549-550.	1.9	35
79	Role of the active-site cysteine of Pseudomonas aeruginosa azurin. Crystal structure analysis of the CuII(Cys112Asp) protein. Journal of Biological Inorganic Chemistry, 1997, 2, 464-469.	1.1	35
80	X-ray absorption spectroscopy of folded and unfolded copper(I) azurin. Inorganica Chimica Acta, 2000, 297, 278-282.	1.2	35
81	Spinâ€"Orbit TDDFT Electronic Structure of Diplatinum(II,II) Complexes. Inorganic Chemistry, 2015, 54, 3491-3500.	1.9	35
82	Electronic Excited States of Tungsten(0) Arylisocyanides. Inorganic Chemistry, 2015, 54, 8518-8528.	1.9	34
83	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
84	Isotopically Selective Quantification by UPLC-MS of Aqueous Ammonia at Submicromolar Concentrations Using Dansyl Chloride Derivatization. ACS Energy Letters, 2020, 5, 1532-1536.	8.8	34
85	Electronic absorption and MCD spectra of M2(TMB)42+, M = rhodium and iridium. A valence-bond description of the upper electronic excited states. Journal of the American Chemical Society, 1990, 112, 3759-3767.	6.6	33
86	Outer-Sphere Effects on Reduction Potentials of Copper Sites in Proteins: The Curious Case of High Potential Type 2 C112D/M121E Pseudomonas aeruginosa Azurin. Journal of the American Chemical Society, 2010, 132, 14590-14595.	6.6	33
87	Dihydridotetrakis(pyrophosphito(2-))(diplatinate(III)). Journal of the American Chemical Society, 1987, 109, 5233-5235.	6.6	32
88	Electron tunneling in structurally engineered proteins. Journal of Electroanalytical Chemistry, 1997, 438, 43-47.	1.9	31
89	Functional and protective hole hopping in metalloenzymes. Chemical Science, 2021, 12, 13988-14003.	3.7	31
90	Could tyrosine and tryptophan serve multiple roles in biological redox processes?. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140178.	1.6	29

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91	Photochemistry of Metal-Isocyanide Complexes and Its Possible Relevance to Solar Energy Conversion. Advances in Chemistry Series, 1978, , 44-56.	0.6	28
92	Binuclear platinum(II) photochemistry. Reactions of organometallic hydrides with electronically excited tetrakis(pyrophosphito)diplatinate(II). Inorganic Chemistry, 1987, 26, 1997-2001.	1.9	28
93	Excited-state decay processes of binuclear rhodium(I) isocyanide complexes. The Journal of Physical Chemistry, 1993, 97, 4277-4283.	2.9	28
94	Hopping maps for photosynthetic reaction centers. Coordination Chemistry Reviews, 2013, 257, 165-170.	9.5	28
95	A corrole nanobiologic elicits tissue-activated MRI contrast enhancement and tumor-targeted toxicity. Journal of Controlled Release, 2015, 217, 92-101.	4.8	28
96	Two Tryptophans Are Better Than One in Accelerating Electron Flow through a Protein. ACS Central Science, 2019, 5, 192-200.	5.3	28
97	EPR Spectroscopy of Iron- and Nickel-Doped [ZnAl]-Layered Double Hydroxides: Modeling Active Sites in Heterogeneous Water Oxidation Catalysts. Journal of the American Chemical Society, 2020, 142, 1838-1845.	6.6	28
98	Electron tunneling in rhenium-modified Pseudomonas aeruginosa azurins. Biochimica Et Biophysica Acta - Bioenergetics, 2004, 1655, 59-63.	0.5	27
99	Tuning the formal potential of ferrocyanide over a 2.1ÂV range. Chemical Science, 2019, 10, 3623-3626.	3.7	27
100	Temperature Dependence of Charge and Spin Transfer in Azurin. Journal of Physical Chemistry C, 2021, 125, 9875-9883.	1.5	26
101	Cell-Penetrating Protein/Corrole Nanoparticles. Scientific Reports, 2019, 9, 2294.	1.6	25
102	Photoredox Catalysis Mediated by Tungsten(0) Arylisocyanides. Journal of the American Chemical Society, 2021, 143, 19389-19398.	6.6	25
103	Amphiphilic aluminium(III) and gallium(III) corroles. Journal of Porphyrins and Phthalocyanines, 2007, 11, 189-197.	0.4	23
104	The Rise of Radicals in Bioinorganic Chemistry. Israel Journal of Chemistry, 2016, 56, 640-648.	1.0	23
105	Hole Hopping through Tryptophan in Cytochrome P450. Biochemistry, 2017, 56, 3531-3538.	1.2	23
106	Structural stability of the SARS-CoV-2 main protease: Can metal ions affect function?. Journal of Inorganic Biochemistry, 2020, 211, 111179.	1.5	23
107	Polarized electronic spectra of tetracyanonickelate(II) at 5.deg.K. Journal of the American Chemical Society, 1973, 95, 7873-7875.	6.6	22
108	Structures of ruthenium-modified Pseudomonas aeruginosa azurin and [Ru(2,2â€²-bipyridine)2(imidazole)2]SO4Â·10H2O. Acta Crystallographica Section D: Biological Crystallography, 1999, 55, 379-385.	2.5	22

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109	Photoelectrochemical Performance of BiVO₄ Photoanodes Integrated with [NiFe]â€Layered Double Hydroxide Nanocatalysts. European Journal of Inorganic Chemistry, 2018, 2018, 1060-1067.	1.0	19
110	Role of intramolecular hydrogen bonds in promoting electron flow through amino acid and oligopeptide conjugates. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	18
111	Mechanism of Nickelâ€“Iron Water Oxidation Electrocatalysts. Energy & Fuels, 2021, 35, 19164-19169.	2.5	18
112	Mâ€“M Bond-Stretching Energy Landscapes for M₂(dimen)₄²⁺ (M =) Tj ETQq0 0 0 rgBT /Overloc	1.9	16
113	A Super-Oxidized Radical Cationic Icosahedral Boron Cluster. Journal of the American Chemical Society, 2020, 142, 12948-12953.	6.6	16
114	Enhanced Synthetic Access to Tris-CF₃-Substituted Corroles. Organic Letters, 2020, 22, 3119-3122.	2.4	15
115	Third-Generation W(CNAr)₆ Photoreductants (CNAr = Fused-Ring and Alkynyl-Bridged) Tj ETQq1 1 0.784314 rgBT /Overl	1.9	15
116	Mixedâ€Metal Tungsten Oxide Photoanode Materials Made by Pulsedâ€Laser in Liquids Synthesis. ChemPhysChem, 2017, 18, 1091-1100.	1.0	14
117	Cathodic NH₄⁺ leaching of nitrogen impurities in CoMo thin-film electrodes in aqueous acidic solutions. Sustainable Energy and Fuels, 2020, 4, 5080-5087.	2.5	14
118	Photoinduced hole hopping through tryptophans in proteins. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	13
119	Structures and Spectroscopic Properties of Metallocorrole Nanoparticles. Inorganic Chemistry, 2019, 58, 10287-10294.	1.9	12
120	Electronic Structures, Spectroscopy, and Electrochemistry of [M(diimine)(CN-BR3)4]2â€“ (M = Fe, Ru; R =) Tj ETQq0 0 0 rgBT /Overlock	1.9	12
121	Translational Science for Energy and Beyond. Inorganic Chemistry, 2016, 55, 9131-9143.	1.9	11
122	Intersystem Crossing in Diplatinum Complexes. Journal of Physical Chemistry A, 2016, 120, 7671-7676.	1.1	11
123	Mass Spectrometric Characterization of Oligomers in <i>Pseudomonas aeruginosa</i> Azurin Solutions. Journal of Physical Chemistry B, 2011, 115, 4790-4800.	1.2	9
124	Electronic Structure of Tetracyanonickelate(II). Inorganic Chemistry, 2019, 58, 15202-15206.	1.9	9
125	Atom-Transfer Reactivity of Binuclear d8 Complexes. ACS Symposium Series, 1989, , 356-365.	0.5	8
126	Electronic Excited States of Tetracyanonickelate(II). Inorganic Chemistry, 2006, 45, 7397-7400.	1.9	8

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127	Two-photon spectroscopy of tungsten(0) arylisocyanides using nanosecond-pulsed excitation. Dalton Transactions, 2017, 46, 13188-13193.	1.6	8
128	Geometrical Description of Protein Structural Motifs. Journal of Physical Chemistry B, 2018, 122, 11289-11294.	1.2	8
129	Hole Hopping Across a Proteinâ€“Protein Interface. Journal of Physical Chemistry B, 2019, 123, 1578-1591.	1.2	8
130	Elements of Life at the Oxo Wall. Chemistry International, 2019, 41, 16-19.	0.3	8
131	Structure, Spectroscopy, and Electrochemistry of Manganese(I) and Rhenium(I) Quinoline Oximes. Inorganic Chemistry, 2019, 58, 737-746.	1.9	8
132	Dimeric Corrole Analogs of Chlorophyll Special Pairs. Journal of the American Chemical Society, 2021, 143, 9450-9460.	6.6	8
133	Longitudinal manganeseâ€enhanced magnetic resonance imaging of neural projections and activity. NMR in Biomedicine, 2022, 35, e4675.	1.6	8
134	Trigonal-Prismatic Coordination. Advances in Chemistry Series, 1967, , 641-650.	0.6	7
135	Photooxidative Generation of Dodecaborate-Based Weakly Coordinating Anions. Inorganic Chemistry, 2019, 58, 10516-10526.	1.9	7
136	Spectroscopic and redox properties of amine-functionalized K2[OsII(bpy)(CN)4] complexes. Dalton Transactions, 2011, 40, 1732.	1.6	6
137	Stereochemistry of residues in turning regions of helical proteins. Journal of Biological Inorganic Chemistry, 2019, 24, 879-888.	1.1	6
138	Light-Induced Nanosecond Relaxation Dynamics of Rhenium-Labeled <i>Pseudomonas aeruginosa</i> Azurins. Journal of Physical Chemistry B, 2020, 124, 788-797.	1.2	6
139	Electronic Structures of Reduced and Superreduced Ir₂(1,8-diisocyanomenthane)₄^{<i>n</i>+} Complexes. Inorganic Chemistry, 2017, 56, 2874-2883.	1.9	5
140	Hole Hopping through Cytochrome P450. Journal of Physical Chemistry B, 2020, 124, 3065-3073.	1.2	5
141	Excitation-Wavelength-Dependent Photophysics of d⁸d⁸ Di-isocyanide Complexes. Inorganic Chemistry, 2022, 61, 2745-2759.	1.9	5
142	Photoredox Catalysis Mediated by Tungsten(0) Arylisocyanides in 1,2-Difluorobenzene. Inorganic Chemistry, 2022, , .	1.9	5
143	Electrochemistry in ionic liquids: Case study of a manganese corrole. Russian Journal of Electrochemistry, 2017, 53, 1189-1193.	0.3	4
144	Ultrafast Wiggling and Jiggling: Ir₂(1,8-diisocyanomenthane)₄²⁺. Journal of Physical Chemistry A, 2017, 121, 9275-9283.	1.1	4

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145	Cyano-ambivalence: Spectroscopy and photophysics of [Ru(diimine)(CN-BR3)4]2âˆ' complexes. Polyhedron, 2020, 188, 114692.	1.0	4
146	Funneled angle landscapes for helical proteins. Journal of Inorganic Biochemistry, 2020, 208, 111091.	1.5	4
147	Frustration Dynamics and Electron-Transfer Reorganization Energies in Wild-Type and Mutant Azurins. Journal of the American Chemical Society, 2022, 144, 4178-4185.	6.6	3
148	Relaxation of structural constraints during Amicyanin unfolding. Journal of Inorganic Biochemistry, 2018, 179, 135-145.	1.5	2
149	Electron Transfer Proteins. , 2021, , 3-18.		2
150	Mentoring: Reflections and Suggestions. ACS Central Science, 2019, 5, 1475-1476.	5.3	1
151	Copper(II) Binding to the Intrinsically Disordered C-Terminal Peptide of SARS-CoV-2 Virulence Factor Nsp1. Inorganic Chemistry, 2022, 61, 8992-8996.	1.9	1
152	Photoelectrochemical Performance of BiVO4 Photoanodes Integrated with [NiFe]-Layered Double Hydroxide Nanocatalysts. European Journal of Inorganic Chemistry, 2018, 2018, 1059-1059.	1.0	0
153	Conjecture on the Design of Helical Proteins. Journal of Physical Chemistry B, 2020, 124, 11067-11071.	1.2	0