Ying-Wu Lin

List of Publications by Year
in descending order

141 papers	4,259 citations	126907 33 h-index	133252 59 g-index
145 all docs	145 docs citations	145 times ranked	3628 citing authors

#	Article	IF	Citations
1	Integrated cascade nanozyme catalyzes in vivo ROS scavenging for anti-inflammatory therapy. Science Advances, 2020, 6, eabb2695.	10.3	271
2	Rationally Modulate the Oxidase-like Activity of Nanoceria for Self-Regulated Bioassays. ACS Sensors, 2016, 1, 1336-1343.	7.8	255
3	Rational design of a structural and functional nitric oxide reductase. Nature, 2009, 462, 1079-1082.	27.8	218
4	Nickel foam and stainless steel mesh as electrocatalysts for hydrogen evolution reaction, oxygen evolution reaction and overall water splitting in alkaline media. RSC Advances, 2019, 9, 31563-31571.	3.6	151
5	Visible-light-induced decarboxylative acylation of quinoxalin-2(1<i>H</i>)-ones with Î±-oxo carboxylic acids under metal-, strong oxidant- and external photocatalyst-free conditions. Green Chemistry, 2020, 22, 1720-1725.	9.0	145
6	Rational design of metalloenzymes: From single to multiple active sites. Coordination Chemistry Reviews, 2017, 336, 1-27.	18.8	122
7	The concept of dual roles design in clean organic preparation. Chinese Chemical Letters, 2019, 30, 2132-2138.	9.0	114
8	Roles of glutamates and metal ions in a rationally designed nitric oxide reductase based on myoglobin. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8581-8586.	7.1	106
9	Selective oxidation of (hetero)sulfides with molecular oxygen under clean conditions. Green Chemistry, 2020, 22, 433-438.	9.0	102
10	Visible-light-initiated tandem synthesis of difluoromethylated oxindoles in 2-MeTHF under additive-, metal catalyst-, external photosensitizer-free and mild conditions. Chinese Chemical Letters, 2021, 32, 1907-1910.	9.0	100
11	Aryl acyl peroxides for visible-light induced decarboxylative arylation of quinoxalin-2(1<i>H</i>)-ones under additive-, metal catalyst-, and external photosensitizer-free and ambient conditions. Green Chemistry, 2021, 23, 374-378.	9.0	99
12	Synergistic cooperative effect of CF₃SO₂Na and bis(2-butoxyethyl)ether towards selective oxygenation of sulfides with molecular oxygen under visible-light irradiation. Green Chemistry, 2021, 23, 496-500.	9.0	86
13	Sustainable electrochemical cross-dehydrogenative coupling of 4-quinolones and diorganyl diselenides. Chinese Journal of Catalysis, 2021, 42, 1445-1450.	14.0	86
14	TsCl-promoted sulfonylation of quinoline N-oxides with sodium sulfinates in water. Chinese Chemical Letters, 2019, 30, 2287-2290.	9.0	78
15	Nitriles as radical acceptors in radical cascade reactions. Organic Chemistry Frontiers, 2021, 8, 445-465.	4.5	71
16	Practical and sustainable approach for clean preparation of 5-organylselanyl uracils. Chinese Chemical Letters, 2021, 32, 475-479.	9.0	66
17	Visible-Light-Initiated Cross-Dehydrogenative Coupling of Quinoxalin-2(1<i>H</i>)-ones and Simple Amides with Air as an Oxidant. ACS Sustainable Chemistry and Engineering, 2019, 7, 19993-19999.	6.7	64
18	Tyrosine-67 in cytochrome c is a possible apoptotic trigger controlled by hydrogen bonds via a conformational transition. Chemical Communications, 2009, , 4512.	4.1	57

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19	Clean preparation of S-thiocarbamates with in situ generated hydroxide in 2-methyltetrahydrofuran. Chinese Chemical Letters, 2019, 30, 2259-2262.	9.0	56
20	Introducing a 2-His-1-Glu Nonheme Iron Center into Myoglobin Confers Nitric Oxide Reductase Activity. Journal of the American Chemical Society, 2010, 132, 9970-9972.	13.7	55
21	Structure and function of heme proteins in non-native states: A mini-review. Journal of Inorganic Biochemistry, 2013, 129, 162-171.	3.5	54
22	Mimicking a Natural Enzyme System: Cytochrome <i>c</i> Oxidase-Like Activity of Cu₂O Nanoparticles by Receiving Electrons from Cytochrome <i>c</i>. Inorganic Chemistry, 2017, 56, 9400-9403.	4.0	52
23	Structure and function of heme proteins regulated by diverse post-translational modifications. Archives of Biochemistry and Biophysics, 2018, 641, 1-30.	3.0	52
24	Metalâ€Free C3 Hydroxylation of Quinoxalinâ€2(1 H)â€ones in Water. Advanced Synthesis and Catalysis, 2019, 361, 5721-5726.	4.3	50
25	Functional tuning and expanding of myoglobin by rational protein design. Science China Chemistry, 2014, 57, 346-355.	8.2	46
26	Solvent-dependent selective oxidation of 5-hydroxymethylfurfural to 2,5-furandicarboxylic acid under neat conditions. Chinese Chemical Letters, 2019, 30, 2304-2308.	9.0	43
27	A Rationally Designed Myoglobin Exhibits a Catalytic Dehalogenation Efficiency More than 1000-Fold That of a Native Dehaloperoxidase. ACS Catalysis, 2018, 8, 9619-9624.	11.2	42
28	Cooperative Capture of Uranyl Ions by a Carbonylâ€Bearing Hierarchicalâ€Porous Cuâ€"Organic Framework. Angewandte Chemie - International Edition, 2019, 58, 18808-18812.	13.8	42
29	A Novel Tyrosineâ€"Heme Cï£¿O Covalent Linkage in F43Y Myoglobin: A New Postâ€translational Modification of Heme Proteins. ChemBioChem, 2015, 16, 47-50.	2.6	37
30	Enhancement of Electrochemical Performance by the Oxygen Vacancies in Hematite as Anode Material for Lithium-Ion Batteries. Nanoscale Research Letters, 2017, 12, 13.	5.7	37
31	Electrochemical Synthesis of Î±-Ketoamides under Catalyst-, Oxidant-, and Electrolyte-Free Conditions. Organic Letters, 2020, 22, 2206-2209.	4.6	37
32	<i>In vitro</i>measurement of superoxide dismutase-like nanozyme activity: a comparative study. Analyst, The, 2021, 146, 1872-1879.	3.5	37
33	Design of artificial metalloproteins/metalloenzymes by tuning noncovalent interactions. Journal of Biological Inorganic Chemistry, 2018, 23, 7-25.	2.6	36
34	Converting Cytochrome c into a Peroxidase-Like Metalloenzyme by Molecular Design. ChemBioChem, 2007, 8, 607-609.	2.6	34
35	Rational design of artificial dye-decolorizing peroxidases using myoglobin by engineering Tyr/Trp in the heme center. Dalton Transactions, 2017, 46, 11230-11238.	3.3	34
36	Biodegradation of aromatic pollutants by metalloenzymes: A structural-functional-environmental perspective. Coordination Chemistry Reviews, 2021, 434, 213774.	18.8	33

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37	Visible Light-Induced Aldehyde Reductive Minisci Reaction towards N-Heterocycles. Chinese Journal of Organic Chemistry, 2020, 40, 541.	1.3	33
38	Rational Heme Protein Design: All Roads Lead to Rome. Chemistry - an Asian Journal, 2013, 8, 2534-2544.	3.3	31
39	Rational Design of Heterodimeric Protein using Domain Swapping for Myoglobin. Angewandte Chemie - International Edition, 2015, 54, 511-515.	13.8	31
40	Rational design of heme enzymes for biodegradation of pollutants toward a green future. Biotechnology and Applied Biochemistry, 2020, 67, 484-494.	3.1	31
41	The Third Generation of Artificial Dye-Decolorizing Peroxidase Rationally Designed in Myoglobin. ACS Catalysis, 2019, 9, 7888-7893.	11.2	29
42	Rational Design of Artificial Metalloproteins and Metalloenzymes with Metal Clusters. Molecules, 2019, 24, 2743.	3.8	29
43	Uranyl Binding to Proteins and Structural-Functional Impacts. Biomolecules, 2020, 10, 457.	4.0	29
44	A Catalytic Binding Site Together with a Distal Tyr in Myoglobin Affords Catalytic Efficiencies Similar to Natural Peroxidases. ACS Catalysis, 2020, 10, 891-896.	11.2	28
45	Spectroscopic study on the reactions of bis-salophen with uranyl and then with fructose 1,6-bisphosphate and the analytical application. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 123, 110-116.	3.9	27
46	The broad diversity of heme-protein cross-links: An overview. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 844-859.	2.3	27
47	Regulating the Coordination State of a Heme Protein by a Designed Distal Hydrogenâ€Bonding Network. ChemistryOpen, 2015, 4, 97-101.	1.9	27
48	Microwave-assisted 6ï€-electrocyclization in water. Chinese Chemical Letters, 2020, 31, 2999-3000.	9.0	26
49	Regulating the nitrite reductase activity of myoglobin by redesigning the heme active center. Nitric Oxide - Biology and Chemistry, 2016, 57, 21-29.	2.7	25
50	A Chiral Ligand Assembly That Confers Oneâ€Electron O₂ Reduction Activity for a Cu²⁺â€Selective Metallohydrogel. Angewandte Chemie - International Edition, 2018, 57, 3504-3508.	13.8	25
51	Conversion of Human Neuroglobin into a Multifunctional Peroxidase by Rational Design. Inorganic Chemistry, 2021, 60, 2839-2845.	4.0	24
52	A spectroscopic study of uranyl-cytochrome b5/cytochrome c interactions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 118, 130-137.	3.9	23
53	How a novel tyrosineâ€“heme cross-link fine-tunes the structure and functions of heme proteins: a direct comparitive study of L29H/F43Y myoglobin. Dalton Transactions, 2015, 44, 18815-18822.	3.3	23
54	An intramolecular disulfide bond designed in myoglobin fine-tunes both protein structure and peroxidase activity. Archives of Biochemistry and Biophysics, 2016, 600, 47-55.	3.0	23

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55	Converting Cytochrome b5 into Cytochrome c-Like Protein. ChemBioChem, 2005, 6, 1356-1359.	2.6	22
56	Chemical and biological insights into uranium-induced apoptosis of rat hepatic cell line. Radiation and Environmental Biophysics, 2015, 54, 207-216.	1.4	22
57	Green and efficient biosynthesis of indigo from indole by engineered myoglobins. RSC Advances, 2018, 8, 33325-33330.	3.6	22
58	1,2-Diethoxyethane catalyzed oxidative cleavage of gem-disubstituted aromatic alkenes to ketones under minimal solvent conditions. Chinese Chemical Letters, 2020, 31, 1868-1872.	9.0	22
59	Structural insights into a lowâ€spin myoglobin variant with bisâ€histidine coordination from molecular modeling. Proteins: Structure, Function and Bioinformatics, 2011, 79, 679-684.	2.6	20
60	Heme-containing enzymes and inhibitors for tryptophan metabolism. Metallomics, 2017, 9, 1230-1240.	2.4	20
61	Rational design of a nitrite reductase based on myoglobin: a molecular modeling and dynamics simulation study. Journal of Molecular Modeling, 2012, 18, 4409-4415.	1.8	19
62	Regulation of both the structure and function by a <i>de novo</i> designed disulfide bond: a case study of heme proteins in myoglobin. Chemical Communications, 2018, 54, 4356-4359.	4.1	19
63	Preparation and application of a carbon paste electrode modified with multi-walled carbon nanotubes and boron-embedded molecularly imprinted composite membranes. Bioelectrochemistry, 2018, 121, 115-124.	4.6	19
64	WO₃/Ag₂CO₃ Mixed Photocatalyst with Enhanced Photocatalytic Activity for Organic Dye Degradation. ACS Omega, 2021, 6, 26439-26453.	3.5	19
65	Molecular iodine-catalyzed multicomponent synthesis of Î±-cyanopyrrolines with ambient air as the oxidant under neat conditions. Organic Chemistry Frontiers, 2020, 7, 4026-4030.	4.5	18
66	Distinct mechanisms for DNA cleavage by myoglobin with a designed heme active center. Journal of Inorganic Biochemistry, 2016, 156, 113-121.	3.5	17
67	Unique Tyr-heme double cross-links in F43Y/T67R myoglobin: an artificial enzyme with a peroxidase activity comparable to that of native peroxidases. Chemical Communications, 2019, 55, 6610-6613.	4.1	17
68	Rational Design of an Artificial Nuclease by Engineering a Hetero-Dinuclear Center of Mg-Heme in Myoglobin. ACS Catalysis, 2020, 10, 14359-14365.	11.2	17
69	Interactions of uranyl ion with cytochrome b 5 and its His39Ser variant as revealed by molecular simulation in combination with experimental methods. Journal of Molecular Modeling, 2012, 18, 1009-1013.	1.8	15
70	Structural and nitrite reductase activity comparisons of myoglobins with one to three distal histidines. RSC Advances, 2013, 3, 9337.	3.6	15
71	Density functional theory investigation of nonsymmetrically substituted uranylâ€"salophen complexes. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 407-417.	1.5	15
72	Design and Engineering of an Efficient Peroxidase Using Myoglobin for Dye Decolorization and Lignin Bioconversion. International Journal of Molecular Sciences, 2022, 23, 413.	4.1	14

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73	Photo-induced DNA cleavage by zinc-substituted myoglobin with a redesigned active center. Inorganic Chemistry Frontiers, 2017, 4, 2033-2036.	6.0	13
74	Enhancement of protein stability by an additional disulfide bond designed in human neuroglobin. RSC Advances, 2019, 9, 4172-4179.	3.6	13
75	Uranyl photocatalysis: precisely controlled oxidation of sulfides with ground-state oxygen. Science China Chemistry, 2020, 63, 291-293.	8.2	13
76	Structural and functional alterations of myoglobin by glucose-protein interactions. Journal of Molecular Modeling, 2014, 20, 2358.	1.8	12
77	A La³⁺-selective metallohydrogel with a facile gelator of a phenylalanine derivative containing an imidazole group. Dalton Transactions, 2018, 47, 13788-13791.	3.3	12
78	Peroxidase activity of a myoglobin mutant with three distal histidines forming a metal-binding site: Implications for the cross-reactivity of cytochrome c oxidase. Journal of Molecular Catalysis B: Enzymatic, 2013, 91, 25-31.	1.8	11
79	A resonance light scattering method for the determination of uranium based on a water-soluble salophen and oxalate. Journal of Radioanalytical and Nuclear Chemistry, 2014, 301, 863-869.	1.5	11
80	Hydrogen-bonding network in heme active site regulates the hydrolysis activity of myoglobin. Journal of Molecular Catalysis B: Enzymatic, 2015, 111, 9-15.	1.8	11
81	Bioinspired design of an artificial peroxidase: introducing key residues of native peroxidases into F43Y myoglobin with a Tyr-heme cross-link. Dalton Transactions, 2020, 49, 5029-5033.	3.3	11
82	Naturally Occurring I81N Mutation in Human Cytochrome <i>c</i> Regulates Both Inherent Peroxidase Activity and Interactions with Neuroglobin. ACS Omega, 2022, 7, 11510-11518.	3.5	11
83	Computational insight into nitration of human myoglobin. Computational Biology and Chemistry, 2014, 52, 60-65.	2.3	10
84	Understanding the choice of copper by heme-copper oxidase using biosynthetic models in myoglobin. Inorganic Chemistry Frontiers, 2017, 4, 918-920.	6.0	10
85	Peroxidase Activity of a <i>c</i>â€Type Cytochromeâ€…<i>b</i>₅ in the Nonâ€Native State is Comparable to that of Native Peroxidases. ChemistryOpen, 2017, 6, 325-330.	1.9	10
86	Biotransformation of Lignin by an Artificial Heme Enzyme Designed in Myoglobin With a Covalently Linked Heme Group. Frontiers in Bioengineering and Biotechnology, 2021, 9, 664388.	4.1	10
87	Phenoxazinone Synthase-like Activity of Rationally Designed Heme Enzymes Based on Myoglobin. Biochemistry, 2023, 62, 369-377.	2.5	10
88	The importance of Asn52 in the structureâ€“function relationship of human cytochromec. RSC Advances, 2020, 10, 44768-44772.	3.6	10
89	Forced Unfolding of Apocytochrome b 5 by Steered Molecular Dynamics Simulation. Protein Journal, 2008, 27, 197-203.	1.6	9
90	Early events in thermal unfolding of apocytochrome b562 and its double-cysteine mutant as revealed by molecular dynamics simulation. Computational and Theoretical Chemistry, 2009, 898, 82-89.	1.5	9

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91	Probing interactions between uranyl ions and lipid membrane by molecular dynamics simulation. Computational and Theoretical Chemistry, 2011, 976, 130-134.	2.5	9
92	Computational insight into complex structures of thorium coordination with N, Nâ€™- bis(3-allyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.8	9
93	Formation of Cys-heme cross-link in K42C myoglobin under reductive conditions with molecular oxygen. Journal of Inorganic Biochemistry, 2018, 182, 141-149.	3.5	9
94	Neuroglobin is capable of self-oxidation of methionine64 introduced at the heme axial position. Dalton Transactions, 2018, 47, 10847-10852.	3.3	9
95	N-Confused Hexapyrrolic Phlorinoid with NIR Absorption: Synthesis, Fusion, Oxidation, and Copper(II) Coordination. Organic Letters, 2020, 22, 9648-9652.	4.6	9
96	Efficient biodegradation of malachite green by an artificial enzyme designed in myoglobin. RSC Advances, 2021, 11, 16090-16095.	3.6	9
97	Human soluble guanylate cyclase as a nitric oxide sensor for NO-signalling reveals a novel function of nitrite reductase. Chemical Communications, 2013, 49, 7454.	4.1	8
98	Determination of uranium in water based on enzyme inhibition using a wireless magnetoelastic sensor. International Journal of Environmental Analytical Chemistry, 2013, 93, 613-622.	3.3	8
99	Peroxidase activity enhancement of myoglobin by two cooperative distal histidines and a channel to the heme pocket. Journal of Molecular Catalysis B: Enzymatic, 2016, 134, 367-371.	1.8	8
100	Rational Design of Dual Active Sites in a Single Protein Scaffold: A Case Study of Heme Protein in Myoglobin. ChemistryOpen, 2016, 5, 192-196.	1.9	8
101	Enhanced Dehaloperoxidase Activity of F43Y Myoglobin with a Novel Thyrosineâ€“Heme Crosslink. Chemistry Letters, 2016, 45, 1087-1089.	1.3	8
102	The mpn668 gene of Mycoplasma pneumoniae encodes a novel organic hydroperoxide resistance protein. International Journal of Medical Microbiology, 2018, 308, 776-783.	3.6	8
103	Molecular modeling and dynamics simulation of a histidine-tagged cytochrome b 5. Journal of Molecular Modeling, 2011, 17, 971-978.	1.8	7
104	Peroxidase-like activity of L29H myoglobin with two cooperative distal histidines on electrode using O2 as an oxidant. Journal of Electroanalytical Chemistry, 2013, 708, 1-6.	3.8	7
105	Distinct roles of a tyrosine-associated hydrogen-bond network in fine-tuning the structure and function of heme proteins: two cases designed for myoglobin. Molecular BioSystems, 2016, 12, 3139-3145.	2.9	7
106	Theoretical investigation into the coordination of <i>R</i>â€‐<i>S</i>â€asymmetric uranylâ€“salophens containing sixâ€membered ring lactam with <i>cis</i>â^’/<i>trans</i>â€cyclohexylamines. Applied Organometallic Chemistry, 2018, 32, e4387.	3.5	7
107	Expression of lipase-solubilized bovine liver microsomal cytochrome b5 in Escherichia coli as a glutathione S-transferase fusion protein (GST-cyt b5). Protein Expression and Purification, 2006, 45, 352-358.	1.3	6
108	Molecular modeling of cytochrome b 5 with a single cytochrome c-like thioether linkage. Journal of Molecular Modeling, 2012, 18, 1553-1560.	1.8	6

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109	Detection of uranium with a wireless sensing method by using salophen as receptor and magnetic nanoparticles as signal-amplifying tags. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 1393-1399.	1.5	6
110	Computational insight into asymmetric uranyl-salophen coordinated with cyclohexenone derivatives. Journal of Coordination Chemistry, 2016, 69, 2775-2784.	2.2	6
111	Identification of the Protein Glycation Sites in Human Myoglobin as Rapidly Induced by d-Ribose. Molecules, 2021, 26, 5829.	3.8	6
112	A highly selective and sensitive Zn2+ fluorescent sensor based on zinc finger-like peptide and its application in cell imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 261, 120042.	3.9	6
113	Design and engineering of neuroglobin to catalyze the synthesis of indigo and derivatives for textile dyeing. Molecular Systems Design and Engineering, 2022, 7, 239-247.	3.4	6
114	Amino acid derivative-based Ln-metallohydrogels with multi-stimuli responsiveness and applications. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 271, 120901.	3.9	6
115	Peroxidase-like Enzymes Designed from Cytochrome <i>b</i>5 Exhibit Enhanced Hydrolysis Activity. Chemistry Letters, 2012, 41, 1574-1575.	1.3	5
116	Dynamics comparison of two myoglobins with a distinct heme active site. Journal of Molecular Modeling, 2012, 18, 1591-1596.	1.8	5
117	Biomimetic Mineralization of Cytochrome c Improves the Catalytic Efficiency and Confers a Functional Multi-Enzyme Composite. Catalysts, 2019, 9, 648.	3.5	5
118	A Phenylalanine Derivative Containing a 4â€Pyridine Group Can Construct Both Single Crystals and a Selective Cuâ€Ag Bimetallohydrogel. European Journal of Inorganic Chemistry, 2019, 2019, 1349-1353.	2.0	5
119	A hybrid hydrogel with <i>in situ</i> formed Ag-nanoparticles within 3D networks that exhibits broad antibacterial activities. New Journal of Chemistry, 2020, 44, 7265-7269.	2.8	5
120	Enhanced photocatalytic performance of ZnO/AgCl composites prepared by high-energy mechanical ball milling. New Journal of Chemistry, 2022, 46, 9155-9171.	2.8	5
121	Structural and functional regulations by a disulfide bond designed in myoglobin like human neuroglobin. Chemical Communications, 2022, 58, 5885-5888.	4.1	5
122	Insights into Uranyl Ion Binding to Ubiquitin from Molecular Modeling and Dynamics Simulations. Chemistry Letters, 2011, 40, 1330-1331.	1.3	4
123	Wireless sensing determination of uranium(IV) based on its inhibitory effect on a catalytic precipitation reaction. Journal of Radioanalytical and Nuclear Chemistry, 2011, 289, 893-898.	1.5	4
124	Resonance light scattering for detecting fluoride ions based on the formation of a uranyl coordination supramolecular polymer. Analytical Methods, 2014, 6, 4818-4822.	2.7	4
125	A Chiral Ligand Assembly That Confers Oneâ€Electron O₂ Reduction Activity for a Cu²⁺â€Selective Metallohydrogel. Angewandte Chemie, 2018, 130, 3562-3566.	2.0	4
126	The Xâ€ray crystal structure of human <scp>A15C</scp> neuroglobin reveals both native/de novo disulfide bonds and unexpected ligandâ€binding sites. Proteins: Structure, Function and Bioinformatics, 2022, 90, 1152-1158.	2.6	4

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127	Surface Functionalization of SBA-15 for Immobilization of Myoglobin. Frontiers in Bioengineering and Biotechnology, 2022, 10, .	4.1	4
128	Engineering globins for efficient biodegradation of malachite green: two case studies of myoglobin and neuroglobin. RSC Advances, 2022, 12, 18654-18660.	3.6	4
129	Folding behaviors of apocytochrome b5 and its mutants: Insights from high temperature molecular dynamics simulations. Computational and Theoretical Chemistry, 2009, 910, 154-162.	1.5	3
130	Theoretical investigation of uranium(IV) coordinated with N, Nâ€²- bis(3-allyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (salicylidene)	3.4	3
131	Molecular Dynamics Simulation and Kinetic Study of Fluoride Binding to V21C/V66C Myoglobin with a Cytoglobin-like Disulfide Bond. International Journal of Molecular Sciences, 2020, 21, 2512.	4.1	3
132	A facile gelator based on phenylalanine derivative is capable of forming fluorescent Zn-metallohydrogel, detecting Zn2+ in aqueous solutions and imaging Zn2+ in living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 250, 119378.	3.9	3
133	Spiro-Oxindole Skeleton Compounds Are Efficient Inhibitors for Indoleamine 2,3-Dioxygenase 1: An Attractive Target for Tumor Immunotherapy. International Journal of Molecular Sciences, 2022, 23, 4668.	4.1	3
134	Regulating Effect of Cytochrome b5 Overexpression on Human Breast Cancer Cells. Molecules, 2022, 27, 4556.	3.8	3
135	Assembly of (l+d) â€Tryptophan Derivatives Containing an Imidazole Group Selectively Forms a Rare Purple Ni 2+ â€Hydrogel. ChemistryOpen, 2019, 8, 1172-1175.	1.9	2
136	Functional Conversion of Acetyl-Coenzyme a Synthase to a Nickel Superoxide Dismutase via Rational Design of Coordination Microenvironment for the Nid-Site. International Journal of Molecular Sciences, 2022, 23, 2652.	4.1	2
137	Observation of heme transfer from cytochrome b5 to DNA aptamer. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 96, 365-369.	3.9	1
138	Stabilization of cytochrome b 5 by a conserved tyrosine in the secondary sphere of heme active site: A spectroscopic and computational study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 174, 118-123.	3.9	1
139	Improving the cell-membrane-penetrating activity of globins by introducing positive charges on protein surface: A case study of sperm whale myoglobin. Biochemical and Biophysical Research Communications, 2022, 598, 26-31.	2.1	1
140	Direct Visualization of Ligands Exchange on the Surfaces of Quantum Dots by a Twoâ€Phase Approach. ChemistrySelect, 2018, 3, 2267-2271.	1.5	0
141	A novel insight into the molecular mechanism of human soluble guanylyl cyclase focused on catalytic domain in living cells. Biochemical and Biophysical Research Communications, 2022, 604, 51-56.	2.1	0