

Takeshi Sakurai

List of Publications by Year in descending order

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100
papers

2,192
citations

236925

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102
all docs

102
docs citations

102
times ranked

1550
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Basic and applied features of multicopper oxidases, CueO, bilirubin oxidase, and laccase. <i>Chemical Record</i> , 2007, 7, 220-229. | 5.8 | 194 |
| 2 | Effects of axial ligand mutation of the type I copper site in bilirubin oxidase on direct electron transfer-type bioelectrocatalytic reduction of dioxygen. <i>Journal of Electroanalytical Chemistry</i> , 2007, 601, 119-124. | 3.8 | 104 |
| 3 | Structure and Function of the Engineered Multicopper Oxidase CueO from <i>Escherichia coli</i> —Deletion of the Methionine-Rich Helical Region Covering the Substrate-Binding Site. <i>Journal of Molecular Biology</i> , 2007, 373, 141-152. | 4.2 | 103 |
| 4 | <i>Myrothecium verrucaria</i> Bilirubin Oxidase and Its Mutants for Potential Copper Ligands. <i>Biochemistry</i> , 1999, 38, 3034-3042. | 2.5 | 94 |
| 5 | Characterization of Nitrite Reductase from a Denitrifier, <i>Alcaligenes</i> Sp. NCIB 11015. A Novel Copper Protein1. <i>Journal of Biochemistry</i> , 1984, 96, 447-454. | 1.7 | 91 |
| 6 | Four-electron Reduction of Dioxygen by a Multicopper Oxidase, CueO, and Roles of Asp112 and Glu506 Located Adjacent to the Trinuclear Copper Center. <i>Journal of Biological Chemistry</i> , 2009, 284, 14405-14413. | 3.4 | 66 |
| 7 | Purification and characterization of dissimilatory nitrate reductase from a denitrifying halophilic archaeon, <i>Haloarcula marismortui</i> . <i>FEBS Letters</i> , 2000, 470, 216-220. | 2.8 | 64 |
| 8 | Spectroscopic and Kinetic Studies on the Oxygen-centered Radical Formed during the Four-electron Reduction Process of Dioxygen by <i>Rhus vernicifera</i> Laccase. <i>Journal of Biological Chemistry</i> , 1999, 274, 32718-32724. | 3.4 | 60 |
| 9 | Bioelectrocatalytic Reduction of O ₂ Catalyzed by CueO from <i>Escherichia coli</i> Adsorbed on a Highly Oriented Pyrolytic Graphite Electrode. <i>Chemistry Letters</i> , 2007, 36, 132-133. | 1.3 | 55 |
| 10 | Isolation and Characterization of Nitric Oxide Reductase from <i>Paracoccus halodenitrificans</i> . <i>Biochemistry</i> , 1997, 36, 13809-13815. | 2.5 | 54 |
| 11 | Point Mutations at the Type I Cu Ligands, Cys457 and Met467, and at the Putative Proton Donor, Asp105, in <i>Myrothecium verrucaria</i> Bilirubin Oxidase and Reactions with Dioxygen. <i>Biochemistry</i> , 2005, 44, 7004-7012. | 2.5 | 53 |
| 12 | Purification, Characterization, and Genetic Analysis of Cu-Containing Dissimilatory Nitrite Reductase from a Denitrifying Halophilic Archaeon, <i>Haloarcula marismortui</i> . <i>Journal of Bacteriology</i> , 2001, 183, 4149-4156. | 2.2 | 49 |
| 13 | Mutations at Asp112 adjacent to the trinuclear Cu center in CueO as the proton donor in the four-electron reduction of dioxygen. <i>FEBS Letters</i> , 2006, 580, 4069-4072. | 2.8 | 44 |
| 14 | Primary structure of a Japanese lacquer tree laccase as a prototype enzyme of multicopper oxidases. <i>Journal of Inorganic Biochemistry</i> , 2002, 91, 125-131. | 3.5 | 43 |
| 15 | Some properties of a blue copper protein—plantacyanin™ from cucumber peel. <i>FEBS Letters</i> , 1982, 147, 220-224. | 2.8 | 42 |
| 16 | Direct electrochemistry of the blue copper proteins pseudoazurin, plantacyanin, and stellacyanin. <i>Inorganic Chemistry</i> , 1990, 29, 4715-4718. | 4.0 | 34 |
| 17 | Enhancement of Laccase Activity through the Construction and Breakdown of a Hydrogen Bond at the Type I Copper Center in <i>Escherichia coli</i> CueO and the Deletion Mutant Δ_{1-5}^{7} CueO. <i>Biochemistry</i> , 2011, 50, 558-565. | 2.5 | 33 |
| 18 | Characterization of cucumber ascorbate oxidase and its reaction with hexacyanoferrate (II). <i>Archives of Biochemistry and Biophysics</i> , 1985, 241, 179-186. | 3.0 | 32 |

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|----|--|------|-----------|
| 19 | Roles of Four Iron Centers in <i>Paracoccus halodenitrificans</i> Nitric Oxide Reductase. <i>Biochemical and Biophysical Research Communications</i> , 1998, 251, 248-251. | 2.1 | 30 |
| 20 | Genomic DNA Cloning of the Region Encoding Nitric Oxide Reductase in <i>Paracoccus halodenitrificans</i> and a Structure Model Relevant to Cytochrome Oxidase. <i>Biochemical and Biophysical Research Communications</i> , 1998, 243, 400-406. | 2.1 | 28 |
| 21 | High-level expression of <i>Myrothecium verrucaria</i> bilirubin oxidase in <i>Pichia pastoris</i> , and its facile purification and characterization. <i>Protein Expression and Purification</i> , 2005, 41, 77-83. | 1.3 | 28 |
| 22 | Kinetics and Mechanisms of Photoinduced Electron-Transfer Reaction of Zinc Myoglobin. Intracomplex vs. Intermolecular Quenching Controlled by Conformational Change Associated with Charge and Steric Bulk of Quenchers. <i>Bulletin of the Chemical Society of Japan</i> , 1994, 67, 421-431. | 3.2 | 26 |
| 23 | An O ₂ -Centered Structure of the Trinuclear Copper Center in the Cys500Ser/Glu506Gln Mutant of CueO and Structural Changes in Low to High X-ray Dose Conditions. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1861-1864. | 13.8 | 26 |
| 24 | Spectroscopic characterization of cobalt(II)-substituted <i>Achromobacter pseudoazurin</i> : similarity of the metal center in Co(II)-pseudoazurin to those in Co(II)-plastocyanin and Co(II)-plantacyanin. <i>Inorganic Chemistry</i> , 1989, 28, 802-804. | 4.0 | 25 |
| 25 | Electrical communication between horse heart cytochrome c and electrodes in the presence of DNA or RNA. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1990, 287, 179-184. | 0.1 | 25 |
| 26 | Reduction and Oxidation Processes of Blue Copper Proteins, Azurin, Pseudoazurin, Umecyanin, Stellacyanin, Plantacyanin, and Plastocyanin Approached by Cyclic and Potential Step Voltammetries. <i>Bulletin of the Chemical Society of Japan</i> , 1996, 69, 2855-2862. | 3.2 | 25 |
| 27 | Crystal structure analysis of <i>Bacillus subtilis</i> ferredoxin-NAD ⁺ oxidoreductase and the structural basis for its substrate selectivity. <i>Protein Science</i> , 2010, 19, 2279-2290. | 7.6 | 25 |
| 28 | Asymmetric Dimeric Structure of Ferredoxin-NAD(P) ⁺ Oxidoreductase from the Green Sulfur Bacterium <i>Chlorobaculum tepidum</i> : Implications for Binding Ferredoxin and NADP ⁺ . <i>Journal of Molecular Biology</i> , 2010, 401, 403-414. | 4.2 | 25 |
| 29 | Spectroscopic aspects of copper binding site in bovine serum amine oxidase. <i>FEBS Letters</i> , 1980, 116, 17-20. | 2.8 | 24 |
| 30 | Magnetic studies of the trinuclear center in laccase and ascorbate oxidase approached by EPR spectroscopy and magnetic susceptibility measurements. <i>BBA - Proteins and Proteomics</i> , 1998, 1384, 160-170. | 2.1 | 23 |
| 31 | New insights into the catalytic active-site structure of multicopper oxidases. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 772-779. | 2.5 | 23 |
| 32 | Modifications of laccase activities of copper efflux oxidase, CueO by synergistic mutations in the first and second coordination spheres of the type I copper center. <i>Biochemical and Biophysical Research Communications</i> , 2013, 431, 393-397. | 2.1 | 22 |
| 33 | Characterization of Ascorbate Oxidase from <i>Acremonium</i> sp. HI-25. <i>Journal of Biochemistry</i> , 1994, 115, 811-813. | 1.7 | 21 |
| 34 | pH and Microwave Power Effects on the Electron Spin Resonance Spectra of <i>Rhus vernicifera</i> Laccase and <i>Cucumis sativus</i> Ascorbate Oxidase. <i>Journal of Biochemistry</i> , 1990, 107, 37-42. | 1.7 | 20 |
| 35 | Kinetics of electron transfer between cytochrome c and laccase. <i>Biochemistry</i> , 1992, 31, 9844-9847. | 2.5 | 20 |
| 36 | Preparation and Properties of the Dinuclear Copper(II) Complexes Bridged by an Alkoxo and an Exogenous Bridging Ligand. <i>Bulletin of the Chemical Society of Japan</i> , 1994, 67, 260-262. | 3.2 | 20 |

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|----|---|-----|-----------|
| 37 | Studies of interaction of homo-dimeric ferredoxin-NAD(P) ⁺ oxidoreductases of <i>Bacillus subtilis</i> and <i>Rhodospseudomonas palustris</i> , that are closely related to thioredoxin reductases in amino acid sequence, with ferredoxins and pyridine nucleotide coenzymes. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 594-601. | 2.3 | 20 |
| 38 | Spectroscopic studies on cobalt(II)-substituted nitrite reductase from <i>Alcaligenes sp.</i> . <i>BBA - Proteins and Proteomics</i> , 1985, 827, 190-192. | 2.1 | 18 |
| 39 | ATR-FTIR study of the protonation states of the Glu residue in the multicopper oxidases, CueO and bilirubin oxidase. <i>FEBS Letters</i> , 2010, 584, 4027-4031. | 2.8 | 18 |
| 40 | An investigation on reduction process of cucumber ascorbate oxidase. <i>Biochemical and Biophysical Research Communications</i> , 1986, 135, 644-648. | 2.1 | 16 |
| 41 | EPR spectra of type 3 copper centers in <i>Rhus vernicifera</i> laccase and <i>Cucumis sativus</i> ascorbate oxidase. <i>BBA - Proteins and Proteomics</i> , 1995, 1248, 143-148. | 2.1 | 16 |
| 42 | Oxidation of reduced cucumber ascorbate oxidase. <i>Biochemical and Biophysical Research Communications</i> , 1985, 131, 647-652. | 2.1 | 15 |
| 43 | Electron transfer reaction of stellacyanin at a bare glassy carbon electrode. <i>FEBS Journal</i> , 1994, 219, 813-819. | 0.2 | 14 |
| 44 | Cyclic Voltammetry of Cucumber Ascorbate Oxidase. <i>Chemistry Letters</i> , 1996, 25, 481-482. | 1.3 | 14 |
| 45 | Type III Cu Mutants of <i>Myrothecium verrucaria</i> Bilirubin Oxidase. <i>Journal of Biochemistry</i> , 2003, 133, 767-772. | 1.7 | 14 |
| 46 | Molecular orbital analysis of active site of oxidized azurin: Dependency of electronic properties on molecular structure. <i>Polyhedron</i> , 2005, 24, 2665-2670. | 2.2 | 14 |
| 47 | Diverse NO reduction by <i>Halomonas halodenitrificans</i> nitric oxide reductase. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 483-487. | 2.1 | 14 |
| 48 | Promotion of Laccase Activities of <i>Escherichia coli</i> Cuprous Oxidase, CueO by Deleting the Segment Covering the Substrate Binding Site. <i>Chemistry Letters</i> , 2007, 36, 232-233. | 1.3 | 14 |
| 49 | Modification of Spectroscopic Properties and Catalytic Activity of <i>Escherichia coli</i> CueO by Mutations of Methionine 510, the Axial Ligand to the Type I Cu. <i>Bulletin of the Chemical Society of Japan</i> , 2009, 82, 504-508. | 3.2 | 14 |
| 50 | Redox Potential-Dependent Formation of an Unusual His-Trp Bond in Bilirubin Oxidase. <i>Chemistry - A European Journal</i> , 2018, 24, 18052-18058. | 3.3 | 14 |
| 51 | Observation of Cu-N ₃ Stretching and N ₃ Asymmetric Stretching Bands for mono-Azide Adduct of <i>Rhus vernicifera</i> Laccase. <i>Biochemical and Biophysical Research Communications</i> , 1998, 243, 435-437. | 2.1 | 13 |
| 52 | EPR and magnetic susceptibility studies of the trinuclear copper center in native and azide-reacted zucchini ascorbate oxidase. <i>Journal of Inorganic Biochemistry</i> , 1999, 75, 19-25. | 3.5 | 13 |
| 53 | Authentic and Recombinant Bilirubin Oxidases Are in Different Resting Forms. <i>Bioscience, Biotechnology and Biochemistry</i> , 2003, 67, 1157-1159. | 1.3 | 13 |
| 54 | The Reversible Change in the Redox State of Type I Cu in <i>Myrothecium verrucaria</i> Bilirubin Oxidase Depending on pH. <i>Bioscience, Biotechnology and Biochemistry</i> , 2004, 68, 1998-2000. | 1.3 | 13 |

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|----|---|-----|-----------|
| 55 | Modifications on the hydrogen bond network by mutations of <i>Escherichia coli</i> copper efflux oxidase affect the process of proton transfer to dioxygen leading to alterations of enzymatic activities. <i>Biochemical and Biophysical Research Communications</i> , 2012, 422, 152-156. | 2.1 | 13 |
| 56 | Role of the C-terminal extension stacked on the re-face of the isoalloxazine ring moiety of the flavin adenine dinucleotide prosthetic group in ferredoxin-NADP ⁺ oxidoreductase from <i>Bacillus subtilis</i> . <i>Plant Physiology and Biochemistry</i> , 2014, 81, 143-148. | 5.8 | 13 |
| 57 | The effect of some anions on the spectral properties of bovine ceruloplasmin. <i>Journal of Inorganic Biochemistry</i> , 1986, 27, 85-93. | 3.5 | 12 |
| 58 | Pre-steady-state kinetic studies of redox reactions catalysed by <i>Bacillus subtilis</i> ferredoxin-NADP ⁺ oxidoreductase with NADP ⁺ /NADPH and ferredoxin. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 678-687. | 1.0 | 12 |
| 59 | Characterization of Plastocyanin Isolated From Brazilian Elodea. <i>Plant and Cell Physiology</i> , 1987, 28, 825-831. | 3.1 | 10 |
| 60 | Intramolecular electron-transfer reaction within a diprotein complex of cytochrome c with ferrylmyoglobin modified with diethylenetriaminepentaacetic acid. <i>Journal of Biological Inorganic Chemistry</i> , 2000, 5, 765-773. | 2.6 | 10 |
| 61 | Solvent effects on electronic structure of active site of azurin by polarizable continuum model. <i>Polyhedron</i> , 2005, 24, 2671-2675. | 2.2 | 10 |
| 62 | Enzymatic and spectroscopic studies on the activation or inhibition effects by substituted phenolic compounds in the oxidation of arylamines and catechols catalyzed by <i>Rhus vernicifera</i> laccase. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 2127-2139. | 3.5 | 10 |
| 63 | Crystal structure of the CueO mutants at Glu506, the key amino acid located in the proton transfer pathway for dioxygen reduction. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 686-690. | 2.1 | 10 |
| 64 | Reduction of ascorbate oxidase with hexacyanoferrate(II). <i>Inorganica Chimica Acta</i> , 1984, 92, L33-L35. | 2.4 | 9 |
| 65 | X-ray absorption study on the type II copper-depleted cucumber ascorbate oxidase. <i>Inorganica Chimica Acta</i> , 1988, 152, 3-4. | 2.4 | 9 |
| 66 | Kinetics and Mechanisms of Photoinduced Electron-Transfer Reaction of Magnesium Myoglobin. <i>Bulletin of the Chemical Society of Japan</i> , 1994, 67, 2093-2097. | 3.2 | 9 |
| 67 | The alkaline transition of blue copper proteins, <i>Cucumis sativus</i> plastocyanin and <i>Pseudomonas aeruginosa</i> azurin. <i>FEBS Letters</i> , 2006, 580, 1729-1732. | 2.8 | 9 |
| 68 | THE TYPE I COPPER OF NITRITE REDUCTASE FROM <i>MALCALIGENESSP. NCIB 11015</i> . <i>Chemistry Letters</i> , 1985, 14, 1297-1300. | 1.3 | 8 |
| 69 | SPECTROSCOPY OF CUCUMBER ASCORBATE OXIDASE AND FUNGAL LACCASE. , 1997, , 225-250. | | 8 |
| 70 | Visible and magnetic circular dichroism studies on cobalt(II)-substituted <i>rhus vernicifera</i> laccase. <i>Inorganica Chimica Acta</i> , 1988, 152, 139-143. | 2.4 | 7 |
| 71 | Type III coppers in an EPR detectable met form of multicopper oxidases afford an identical EPR signal with type II copper. <i>Inorganica Chimica Acta</i> , 1989, 157, 117-120. | 2.4 | 7 |
| 72 | Electrochemical characterization of a unique, "neutral" laccase from <i>Flammulina velutipes</i> . <i>Journal of Bioscience and Bioengineering</i> , 2013, 115, 159-167. | 2.2 | 7 |

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| 73 | Stereoselective electron-transfer reactions of the optically active ruthenium(III) complexes with hydrophobic side-chains with azurin(I) from <i>Alcaligenes xylosoxidans</i> GIFU 1051. <i>Inorganic Chemistry Communication</i> , 2000, 3, 185-187. | 3.9 | 6 |
| 74 | Perturbations at the high spin heme b center in the membrane-bound nitric oxide reductase. <i>Journal of Inorganic Biochemistry</i> , 2001, 83, 281-286. | 3.5 | 6 |
| 75 | Compensatory binding of an asparagine residue to the coordination-unsaturated type I Cu center in bilirubin oxidase mutants. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 416-419. | 2.1 | 6 |
| 76 | Study on dioxygen reduction by mutational modifications of the hydrogen bond network leading from bulk water to the trinuclear copper center in bilirubin oxidase. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 767-772. | 2.1 | 6 |
| 77 | Spectral Properties of Cytochrome c553 and a Membrane-Bound Cytochrome b from <i>Alcaligenes xylosoxidans</i> GIFU 1051. <i>Bulletin of the Chemical Society of Japan</i> , 1998, 71, 135-140. | 3.2 | 5 |
| 78 | Crystallization and preliminary X-ray studies of ferredoxin-NAD(P)+ reductase from <i>Chlorobium tepidum</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2008, 64, 186-189. | 0.7 | 5 |
| 79 | Kinetics of NADP+/NADPH reduction/oxidation catalyzed by the ferredoxin-NAD(P)+ reductase from the green sulfur bacterium <i>Chlorobaculum tepidum</i> . <i>Photosynthesis Research</i> , 2016, 130, 479-489. | 2.9 | 5 |
| 80 | Heterologous expression of <i>Halomonas halodenitrificans</i> nitric oxide reductase and its N-terminally truncated NorC subunit in <i>Escherichia coli</i> . <i>Journal of Inorganic Biochemistry</i> , 2017, 169, 61-67. | 3.5 | 5 |
| 81 | FT-IR Spectra of the Azide-Type 3 Copper in Laccase and Ascorbate Oxidase. <i>Chemistry Letters</i> , 1996, 25, 651-652. | 1.3 | 4 |
| 82 | Intracomplex Quenching by Copper(II) Ion of Excited Singlet and Triplet States of Zinc Myoglobin Modified with Diethylenetriaminepentaacetic Acid. <i>Chemistry Letters</i> , 1997, 26, 601-602. | 1.3 | 4 |
| 83 | Replacement of Tyr50 stacked on the si-face of the isoalloxazine ring of the flavin adenine dinucleotide prosthetic group modulates <i>Bacillus subtilis</i> ferredoxin-NADP+ oxidoreductase activity toward NADPH. <i>Photosynthesis Research</i> , 2015, 125, 321-328. | 2.9 | 4 |
| 84 | Exogenous acetate ion reaches the type II copper centre in CueO through the water-excretion channel and potentially affects the enzymatic activity. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2016, 72, 558-563. | 0.8 | 4 |
| 85 | Reassessment of the unusual ESR signal from type 3 copper of ascorbate oxidase reacted with hexacyanoferrate(II). <i>Inorganica Chimica Acta</i> , 1992, 195, 255-258. | 2.4 | 3 |
| 86 | Spectroscopic distinction between two Co(II) ions substituted for types 1 and 2 Cu in nitrite reductase. <i>Inorganica Chimica Acta</i> , 1998, 275-276, 289-294. | 2.4 | 3 |
| 87 | Probing electron transfer reactions between two azurins from <i>Alcaligenes xylosoxidans</i> GIFU 1051 with optically active Ru complexes as molecular recognition probes: Importance of the 43rd residue. <i>Inorganica Chimica Acta</i> , 2007, 360, 1555-1567. | 2.4 | 3 |
| 88 | Crystallization and preliminary X-ray studies of ferredoxin-NAD ⁺ oxidoreductase encoded by <i>Bacillus subtilis</i> yumC. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 301-303. | 0.7 | 3 |
| 89 | Role of Hydrogen Bond Connecting Ligands for Substrate and Type I Copper in Copper(I) Oxidase CueO. <i>Chemistry Letters</i> , 2013, 42, 1102-1104. | 1.3 | 3 |
| 90 | Structural Changes of the Trinuclear Copper Center in Bilirubin Oxidase upon Reduction. <i>Molecules</i> , 2019, 24, 76. | 3.8 | 3 |

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|-----|--|-----|-----------|
| 91 | Roles of the indole ring of Trp396 covalently bound with the imidazole ring of His398 coordinated to type I copper in bilirubin oxidase. <i>Biochemical and Biophysical Research Communications</i> , 2020, 521, 620-624. | 2.1 | 3 |
| 92 | Selective Modification of the Two Type I Copper Sites in Human and Bovine Ceruloplasmin with the Action of Azide and L-Cysteine. <i>Bulletin of the Chemical Society of Japan</i> , 1986, 59, 3501-3504. | 3.2 | 2 |
| 93 | Direct Electrochemistry of Blue Copper Proteins at Au Electrodes Modified with Promoters. <i>Chemistry Letters</i> , 1995, 24, 1075-1076. | 1.3 | 2 |
| 94 | Tandem and single genes of three membrane-bound nitrate transporters in the nargene cluster of the moderately halophilic denitrifier, <i>Halomonas halodenitrificans</i> . <i>DNA Sequence</i> , 2006, 17, 363-369. | 0.7 | 2 |
| 95 | A novel resting form of the trinuclear copper center in the double mutant of a multicopper oxidase, CueO, Cys500Ser/Glu506Ala. <i>Journal of Inorganic Biochemistry</i> , 2015, 149, 88-90. | 3.5 | 2 |
| 96 | Biochemical, spectroscopic and X-ray structural analysis of deuterated multicopper oxidase CueO prepared from a new expression construct for neutron crystallography. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2016, 72, 788-794. | 0.8 | 2 |
| 97 | Amino acids located in the outer-sphere of the trinuclear copper center in a multicopper oxidase, CueO as the putative electron donor in the four-electron reduction of dioxygen. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 997-1003. | 2.3 | 2 |
| 98 | Electron-transfer from cytochrome c to ascorbate oxidase and its type 2 copper-depleted derivatives. <i>Journal of Inorganic Biochemistry</i> , 1994, 55, 193-202. | 3.5 | 1 |
| 99 | Quantum Chemical Study of Axial Ligand Effect on the Electronic Properties of Type I Copper Protein. <i>Chemistry Letters</i> , 2018, 47, 1172-1175. | 1.3 | 1 |
| 100 | Crystal Structure of Ferredoxin-NAD(P) ⁺ Reductase from the Green Sulfur Bacterium <i>Chlorobaculum Tepidum</i> . <i>Advanced Topics in Science and Technology in China</i> , 2013, , 189-192. | 0.1 | 0 |