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An MCD spectroscopic study of the molybdenum active site in sulfite oxidase: insight into the role of coordinated cysteine

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Journal of Inorganic Biochemistry, 2000, 80, 227-33.

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#	Paper	IF	Citations
30	Electronic structure studies of oxomolybdenum tetrathiolate complexes: origin of reduction potential differences and relationship to cysteine-molybdenum bonding in sulfite oxidase. <i>Inorganic Chemistry</i> , 2000 , 39, 5697-706	5.1	41
29	Effect of solution viscosity on intramolecular electron transfer in sulfite oxidase. <i>Biochemistry</i> , 2002 , 41, 5816-21	3.2	103
28	Pulsed ELDOR spectroscopy of the Mo(V)/Fe(III) state of sulfite oxidase prepared by one-electron reduction with Ti(III) citrate. <i>Journal of Biological Inorganic Chemistry</i> , 2002 , 7, 338-50	3.7	45
27	Syntheses, spectroscopy, and redox chemistry of encapsulated oxo-Mo(V) centers: implications for pyranopterin-containing molybdoenzymes. <i>Inorganic Chemistry</i> , 2003 , 42, 7489-501	5.1	35
26	Recent applications of MCD spectroscopy to metalloenzymes. <i>Current Opinion in Chemical Biology</i> , 2003 , 7, 220-7	9.7	42
25	Direct electrochemistry of a bacterial sulfite dehydrogenase. <i>Journal of the American Chemical Society</i> , 2003 , 125, 530-5	16.4	100
24	Magnetic Circular Dichroism Spectroscopy of Pyranopterin Molybdenum Enzymes. <i>ACS Symposium Series</i> , 2003 , 340-357	0.4	5
23	Molybdenum and Tungsten Enzymes. 2003 , 459-477		22
22	Ground and excited state spectral comparisons of models for sulfite oxidase. <i>Polyhedron</i> , 2004 , 23, 499-506		10
21	Chiroptical Properties of Organic Radical Cations. The Electronic and Vibrational Circular Dichroism Spectra of Tocopherol Derivatives and Sterically Hindered Chiral Hydroquinone Ethers. <i>Journal of Physical Chemistry A</i> , 2004 , 108, 9540-9549	2.8	14
20	Nature of the oxomolybdenum-thiolate pi-bond: implications for Mo-S bonding in sulfite oxidase and xanthine oxidase. <i>Inorganic Chemistry</i> , 2004 , 43, 1625-37	5.1	22
19	Spectroscopic and kinetic studies of Arabidopsis thaliana sulfite oxidase: nature of the redox-active orbital and electronic structure contributions to catalysis. <i>Journal of the American Chemical Society</i> , 2005 , 127, 16567-77	16.4	37
18	Understanding the origin of metal-sulfur vibrations in an oxo-molybdenum dithiolene complex: relevance to sulfite oxidase. <i>Inorganic Chemistry</i> , 2006 , 45, 967-76	5.1	38
17	Sulfur K-edge spectroscopic investigation of second coordination sphere effects in oxomolybdenum-thiolates: relationship to molybdenum-cysteine covalency and electron transfer in sulfite oxidase. <i>Inorganic Chemistry</i> , 2007 , 46, 1259-67	5.1	21
16	Sulfite oxidizing enzymes. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2007 , 1774, 527-39	4	138
15	Synthesis, characterization, and spectroscopy of model molybdopterin complexes. <i>Journal of Inorganic Biochemistry</i> , 2007 , 101, 1601-16	4.2	31
14	Reaction Coordinate of Pyranopterin Molybdenum Enzymes. 2009 ,		

13	Substituent effect on oxygen atom transfer reactivity from oxomolybdenum centers: synthesis, structure, electrochemistry, and mechanism. <i>Inorganic Chemistry</i> , 2009 , 48, 6303-13	5.1	35
12	A theoretical study of the magnetic circular dichroism spectrum for sulfite oxidase based on time-dependent density functional theory. <i>Inorganic Chemistry</i> , 2009 , 48, 2880-6	5.1	7
11	Spectroscopic characterization of YedY: the role of sulfur coordination in a Mo(V) sulfite oxidase family enzyme form. <i>Journal of the American Chemical Society</i> , 2009 , 131, 15612-4	16.4	23
10	Magnetic circular dichroism spectroscopy as a probe of the structures of the metal sites in metalloproteins. <i>Current Opinion in Structural Biology</i> , 2010 , 20, 615-22	8.1	21
9	Calculation of Magnetic Circular Dichroism Spectra With Time-Dependent Density Functional Theory. <i>Advances in Inorganic Chemistry</i> , 2010 , 41-109	2.1	15
8	Reaction Coordinate of Pyranopterin Molybdenum Enzymes. 2011 ,		
7	Molybdenum Enzymes. 2013 , 263-293		16
6	Effect of exchange of the cysteine molybdenum ligand with selenocysteine on the structure and function of the active site in human sulfite oxidase. <i>Biochemistry</i> , 2013 , 52, 8295-303	3.2	18
5	Scorpionate Complexes as Models for Molybdenum Enzymes. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 2357-2376	2.3	24
4	Metal-Dithiolene Bonding Contributions to Pyranopterin Molybdenum Enzyme Reactivity. <i>Inorganics</i> , 2020 , 8,	2.9	2
3	Molybdenum and Tungsten Cofactors and the Reactions They Catalyze. <i>Metal Ions in Life Sciences</i> , 2020 , 20,	2.6	3
2	Structure, Function, and Mechanism of Pyranopterin Molybdenum and Tungsten Enzymes. 2021 , 790-811		1
1	Spectroscopic Studies of Mononuclear Molybdenum Enzyme Centers. 2022 , 27, 4802		