K Kristoffer Andersson

List of Publications by Year
in descending order

22	1,424	394286 19	677027 22
papers	citations	h-index	g-index

22	22	22	2067
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Access channel residues Ser315 and Asp137 in Mycobacterium tuberculosis catalase-peroxidase (KatG) control peroxidatic activation of the pro-drug isoniazid. Chemical Communications, 2013, 49, 11650-11652.	2.2	24
2	Ribonucleotide reductase class I with different radical generating clusters. Coordination Chemistry Reviews, 2013, 257, 3-26.	9.5	54
3	A new chiral, poly-imidazole N8-ligand and the related di- and tri-copper(ii) complexes: synthesis, theoretical modelling, spectroscopic properties, and biomimetic stereoselective oxidations. Dalton Transactions, 2011, 40, 5436.	1.6	24
4	Biomimetic Modelling of Copper Enzymes: Synthesis, Characterization, EPR Analysis and Enantioselective Catalytic Oxidations by a New Chiral Trinuclear Copper(II) Complex. European Journal of Inorganic Chemistry, 2009, 2009, 554-566.	1.0	27
5	Review: Studies of ferric heme proteins with highly anisotropic/highly axial low spin (S = 1/2) electron paramagnetic resonance signals with bisâ€Histidine and histidineâ€methionine axial iron coordination. Biopolymers, 2009, 91, 1064-1082.	1.2	72
6	The Influence of Xâ€Rays on the Structural Studies of Peroxideâ€Derived Myoglobin Intermediates. Chemistry and Biodiversity, 2008, 5, 2067-2089.	1.0	16
7	Reactive complexes in myoglobin and nitric oxide synthase. Inorganica Chimica Acta, 2008, 361, 831-843.	1.2	8
8	The crystal structure of peroxymyoglobin generated through cryoradiolytic reduction of myoglobin compound III during data collection. Biochemical Journal, 2008, 412, 257-264.	1.7	50
9	Crystallographic and Spectroscopic Studies of Peroxide-derived Myoglobin Compound II and Occurrence of Protonated FeIVâ€“O. Journal of Biological Chemistry, 2007, 282, 23372-23386.	1.6	53
10	Structures of the high-valent metal-ion haemâ€“oxygen intermediates in peroxidases, oxygenases and catalases. Journal of Inorganic Biochemistry, 2006, 100, 460-476.	1.5	152
11	Spectroscopic and Electronic Structure Studies of the Trinuclear Cu Cluster Active Site of the Multicopper Oxidase Laccase:Â Nature of Its Coordination Unsaturation. Journal of the American Chemical Society, 2005, 127, 13832-13845.	6.6	124
12	Crystal Structural Studies of Changes in the Native Dinuclear Iron Center of Ribonucleotide Reductase Protein R2 from Mouse. Journal of Biological Chemistry, 2004, 279, 46794-46801.	1.6	55
13	The Protonation Status of Compound II in Myoglobin, Studied by a Combination of Experimental Data and Quantum Chemical Calculations: Quantum Refinement. Biophysical Journal, 2004, 87, 3437-3447.	0.2	56
14	Structure, function, and mechanism of ribonucleotide reductases. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2004, 1699, 1-34.	1.1	252
15	Examples of high-frequency EPR studies in bioinorganic chemistry. Journal of Biological Inorganic Chemistry, 2003, 8, 235-247.	1.1	72
16	Cobalt Substitution of Mouse R2 Ribonucleotide Reductase as a Model for the Reactive Diferrous State. Journal of Biological Chemistry, 2002, 277, 34229-34238.	1.6	28
17	A continuous-wave electronâ€“nuclear double resonance (X-band) study of the Cu2+ sites of particulate methane mono-oxygenase of Methylococcus capsulatus (strain M) in membrane and pure dopamine Î²-mono-oxygenase of the adrenal medulla. Biochemical Journal, 2002, 363, 677-686.	1.7	16
18	The use of high field/frequency EPR in studies of radical and metal sites in proteins and small inorganic models. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2002, 58, 1101-1112.	2.0	30

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19	Formation of a protonated trihydrobiopterin radical cation in the first reaction cycle of neuronal and endothelial nitric oxide synthase detected by electron paramagnetic resonance spectroscopy. Journal of Biological Inorganic Chemistry, 2001, 6, 151-158.	1.1	93
20	The Crystal Structure of an Azide Complex of the Diferrous R2 Subunit of Ribonucleotide Reductase Displays a Novel Carboxylate Shift with Important Mechanistic Implications for Diiron-Catalyzed Oxygen Activation. Journal of the American Chemical Society, 1999, 121, 2346-2352.	6.6	116
21	Resonance Raman Evidence for a Hydrogen-Bonded Oxo Bridge in the R2 Protein of Ribonucleotide Reductase from Mouse. Journal of the American Chemical Society, 1999, 121, 6755-6756.	6.6	25
22	Comparative studies of rat recombinant purple acid phosphatase and bone tartrate-resistant acid phosphatase. Biochemical Journal, 1997, 321, 305-311.	1.7	77