

# Verônica A Daier

## List of Publications by Year in descending order

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22  
papers

492  
citations

567281

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677142

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docs citations

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times ranked

386  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and antioxidant activity of water soluble Mn(III) complexes of sulphonato-substituted Schiff base ligands. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 496-502.	3.5	49
2	Synthesis, characterisation and catalase-like activity of dimanganese(III) complexes of 1,5-bis(5-X-salicylidenamino)pentan-3-ol (X=nitro and chloro). <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 1806-1817.	3.5	40
3	Comparative study of oxidation by chromium(V) and chromium(VI). <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 1607.	1.1	38
4	The relative ability of aldoses and deoxyaldoses to reduce Cr(VI) and Cr(V). A comparative kinetic and mechanistic study. <i>Carbohydrate Research</i> , 1999, 316, 14-25.	2.3	37
5	Kinetics and mechanism of the reduction of Cr(VI) to Cr(III) by <small>D</small> -ribose and 2-deoxy- <small>D</small> -ribose. <i>Canadian Journal of Chemistry</i> , 1999, 77, 57-64.	1.1	34
6	Synthesis, structure and catalase-like activity of dimanganese(III) complexes of 1,5-bis(X-salicylidenamino)pentan-3-ol (X = 3- and 5-methyl). Influence of phenyl-ring substituents on catalytic activity. <i>Dalton Transactions</i> , 2006, , 5156.	3.3	30
7	Kinetics and mechanism of the reduction of Cr(VI) to Cr(III) by <small>D</small> -ribose and 2-deoxy- <small>D</small> -ribose. <i>Canadian Journal of Chemistry</i> , 1999, 77, 57-64.	1.1	29
8	The reduction of Cr(VI) to Cr(III) by the $\alpha$ - and $\beta$ - anomers of d-glucose in dimethyl sulfoxide. A comparative kinetic and mechanistic study. <i>Carbohydrate Research</i> , 2000, 324, 127-135.	2.3	28
9	New dimanganese(III) complexes of pentadentate (N <sub>2</sub> O <sub>3</sub> ) Schiff base ligands with the [Mn <sub>2</sub> ( $\mu$ -OAc)( $\mu$ -OR) <sub>2</sub> ] <sup>3+</sup> core: Synthesis, characterization and mechanistic studies of H <sub>2</sub> O <sub>2</sub> disproportionation. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 1660-1671.	3.5	28
10	Synthesis, Characterization and Combined Superoxide Dismutase and Catalase Activities of Manganese Complexes of 1,4-Bis(salicylidenamino)butan-2-ol. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 965-974.	2.0	28
11	Chromic Oxidation of 2-Deoxy-d-Glucose. Comparative Study with Aldoses. I.. <i>Journal of Carbohydrate Chemistry</i> , 1995, 14, 45-51.	1.1	22
12	Kinetics and mechanism of the chromium(VI) oxidation of methyl $\alpha$ -D-glucopyranoside and methyl $\alpha$ -D-mannopyranoside. <i>Dalton Transactions RSC</i> , 2000, , 1617-1623.	2.3	21
13	Synthesis, characterization and activity of imidazolate-bridged and Schiff-base dinuclear complexes as models of Cu,Zn-SOD. A comparative study. <i>Journal of Inorganic Biochemistry</i> , 2016, 163, 162-175.	3.5	21
14	Electron paramagnetic resonance and potentiometric studies of the interactions of Cr(VI) and Cr(V) with d-ribose 5-phosphate and nucleotides. <i>Polyhedron</i> , 2000, 19, 417-423.	2.2	16
15	Synthesis, structure and SOD activity of Mn complexes with symmetric Schiff base ligands derived from pyridoxal. <i>Polyhedron</i> , 2015, 102, 176-184.	2.2	16
16	Redox and complexation chemistry of the Cr(VI)/Cr(V) d-galacturonic acid system. <i>Dalton Transactions</i> , 2004, , 2288-2296.	3.3	14
17	Biomimetic Cu, Zn and Cu <sub>2</sub> complexes inserted in mesoporous silica as catalysts for superoxide dismutation. <i>Microporous and Mesoporous Materials</i> , 2019, 279, 133-141.	4.4	11
18	Preparation, characterization and activity of CuZn and Cu <sub>2</sub> superoxide dismutase mimics encapsulated in mesoporous silica. <i>Journal of Inorganic Biochemistry</i> , 2020, 207, 111050.	3.5	11

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19	The EPR Pattern of $[\text{CrO}(\text{cis-1,2-cyclopentanediolato})_2]^{2+}$ and $[\text{CrO}(\text{trans-1,2-cyclopentanediolato})_2]^{2+}$ . European Journal of Inorganic Chemistry, 2001, 2001, 1829-1833.	2.0	9
20	Tuning the $\text{MnII}/\text{MnIII}$ redox cycle of a phenoxo-bridged diMn catalase mimic with terminal carboxylate donors. Journal of Inorganic Biochemistry, 2018, 182, 29-36.	3.5	7
21	Properties and antioxidant activity of water-soluble iron catalysts with Schiff base ligands. Comparison with their manganese counterparts. Arkivoc, 2011, 2011, 327-342.	0.5	2
22	Using theoretical calculations to predict the redox potential of mononuclear manganese complexes. New Journal of Chemistry, 2018, 42, 14827-14831.	2.8	1