

Santiago Toledo

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

190
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing reactivity by incorporating π -acceptor ligands into coordinatively unsaturated thiolate-ligated iron(II) complexes. <i>Inorganica Chimica Acta</i> , 2021, 524, 120422.	2.4	1
2	A family of structural and functional models for the active site of a unique dioxygenase: Acireductone dioxygenase (ARD). <i>Journal of Inorganic Biochemistry</i> , 2020, 212, 111253.	3.5	1
3	Protein dynamics of [Cu-Zn] superoxide dismutase (SOD1): How protein motions at the global and local levels impact the reactivity of SOD1. <i>Journal of Inorganic Biochemistry</i> , 2020, 210, 111161.	3.5	0
4	A model for gain of function in superoxide dismutase. <i>Biochemistry and Biophysics Reports</i> , 2020, 21, 100728.	1.3	9
5	How Metal Ion Lewis Acidity and Steric Properties Influence the Barrier to Dioxygen Binding, Peroxo O-O Bond Cleavage, and Reactivity. <i>Journal of the American Chemical Society</i> , 2019, 141, 15046-15057.	13.7	15
6	A Learner-Centered Grading Method Focused on Reaching Proficiency with Course Learning Outcomes. <i>Journal of Chemical Education</i> , 2017, 94, 1043-1050.	2.3	36
7	Encouraging Higher-Order Thinking in General Chemistry by Scaffolding Student Learning Using Marzano's Taxonomy. <i>Journal of Chemical Education</i> , 2016, 93, 64-69.	2.3	40
8	Taking higher order thinking seriously: Using Marzano's taxonomy in the economics classroom. <i>International Review of Economics Education</i> , 2016, 21, 12-20.	1.6	16
9	Water-Soluble Fe(II)-H ₂ O Complex with a Weak O-H Bond Transfers a Hydrogen Atom via an Observable Monomeric Fe(III)-OH. <i>Journal of the American Chemical Society</i> , 2015, 137, 2253-2264.	13.7	25
10	Isolation and Characterization of a Dihydroxo-Bridged Iron(III,III)($\frac{1}{4}$ -OH) ₂ Diamond Core Derived from Dioxygen. <i>Inorganic Chemistry</i> , 2013, 52, 13325-13331.	4.0	12
11	Characterization and Dioxygen Reactivity of a New Series of Coordinatively Unsaturated Thiolate-Ligated Manganese(II) Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 6633-6644.	4.0	35