

Chang Cui

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

717
citations

933447

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1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

1176
citing authors

#	ARTICLE	IF	CITATIONS
1	¹⁹ F Electron-Nuclear Double Resonance Reveals Interaction between Redox-Active Tyrosines across the $\hat{L}\pm/\hat{J}^2$ Interface of <i>E. coli</i> Ribonucleotide Reductase. <i>Journal of the American Chemical Society</i> , 2022, 144, 11270-11282.	13.7	12
2	Gated Proton Release during Radical Transfer at the Subunit Interface of Ribonucleotide Reductase. <i>Journal of the American Chemical Society</i> , 2021, 143, 176-183.	13.7	14
3	Structural Basis for a Quadratic Relationship between Electronic Absorption and Electronic Paramagnetic Resonance Parameters of Type 1 Copper Proteins. <i>Inorganic Chemistry</i> , 2020, 59, 10620-10627.	4.0	0
4	Ribonucleotide Reductases: Structure, Chemistry, and Metabolism Suggest New Therapeutic Targets. <i>Annual Review of Biochemistry</i> , 2020, 89, 45-75.	11.1	120
5	Biosynthetic approach to modeling and understanding metalloproteins using unnatural amino acids. <i>Science China Chemistry</i> , 2017, 60, 188-200.	8.2	16
6	Defining the Role of Tyrosine and Rational Tuning of Oxidase Activity by Genetic Incorporation of Unnatural Tyrosine Analogs. <i>Journal of the American Chemical Society</i> , 2015, 137, 4594-4597.	13.7	68
7	A Designed Metalloenzyme Achieving the Catalytic Rate of a Native Enzyme. <i>Journal of the American Chemical Society</i> , 2015, 137, 11570-11573.	13.7	74
8	A family of enantiopure Fe ^{III} ₄ single molecule magnets: fine tuning of energy barrier by remote substituent. <i>Dalton Transactions</i> , 2014, 43, 11897-11907.	3.3	25
9	Zero-field slow magnetic relaxation from single Co(II) ion: a transition metal single-molecule magnet with high anisotropy barrier. <i>Chemical Science</i> , 2013, 4, 1802.	7.4	289
10	Constructing a Series of Azide-Bridged Cu ^{II} Magnetic Low-Dimensional Coordination Polymers by using Pybox Ligands. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3101-3111.	2.0	23
11	An enantiopure Fe ^{III} ₄ single-molecule magnet. <i>Chemical Communications</i> , 2011, 47, 8049.	4.1	76