Chang Cui

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4650335/publications.pdf

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11	717	933447 10	1372567 10
papers	citations	h-index	g-index

12	12	12	1176
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Zero-field slow magnetic relaxation from single Co(ii) ion: a transition metal single-molecule magnet with high anisotropy barrier. Chemical Science, 2013, 4, 1802.	7.4	289
2	Ribonucleotide Reductases: Structure, Chemistry, and Metabolism Suggest New Therapeutic Targets. Annual Review of Biochemistry, 2020, 89, 45-75.	11.1	120
3	An enantiopure FeIII4 single-molecule magnet. Chemical Communications, 2011, 47, 8049.	4.1	76
4	A Designed Metalloenzyme Achieving the Catalytic Rate of a Native Enzyme. Journal of the American Chemical Society, 2015, 137, 11570-11573.	13.7	74
5	Defining the Role of Tyrosine and Rational Tuning of Oxidase Activity by Genetic Incorporation of Unnatural Tyrosine Analogs. Journal of the American Chemical Society, 2015, 137, 4594-4597.	13.7	68
6	A family of enantiopure Fe^{III}₄ single molecule magnets: fine tuning of energy barrier by remote substituent. Dalton Transactions, 2014, 43, 11897-11907.	3.3	25
7	Constructing a Series of Azideâ€Bridged Cu^{II} Magnetic Lowâ€Dimensional Coordination Polymers by using Pybox Ligands. European Journal of Inorganic Chemistry, 2013, 2013, 3101-3111.	2.0	23
8	Biosynthetic approach to modeling and understanding metalloproteins using unnatural amino acids. Science China Chemistry, 2017, 60, 188-200.	8.2	16
9	Gated Proton Release during Radical Transfer at the Subunit Interface of Ribonucleotide Reductase. Journal of the American Chemical Society, 2021, 143, 176-183.	13.7	14
10	¹⁹F Electron-Nuclear Double Resonance Reveals Interaction between Redox-Active Tyrosines across the Î±/Î² Interface of E. coli Ribonucleotide Reductase. Journal of the American Chemical Society, 2022, 144, 11270-11282.	13.7	12
11	Structural Basis for a Quadratic Relationship between Electronic Absorption and Electronic Paramagnetic Resonance Parameters of Type 1 Copper Proteins. Inorganic Chemistry, 2020, 59, 10620-10627.	4.0	0