Shiliang Tian

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7099733/publications.pdf

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18	2,435	623734 14	794594 19
papers	citations	h-index	g-index

20	20	20	3735
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metalloproteins Containing Cytochrome, Ironâ€“Sulfur, or Copper Redox Centers. Chemical Reviews, 2014, 114, 4366-4469.	47.7	672
2	Multiple Cï£¿H Activations To Construct Biologically Active Molecules in a Process Completely Free of Organohalogen and Organometallic Components. Angewandte Chemie - International Edition, 2008, 47, 1115-1118.	13.8	478
3	Lysozyme-stabilized gold fluorescent cluster: Synthesis and application as Hg2+ sensor. Analyst, The, 2010, 135, 1406.	3.5	405
4	Electrocatalytic and Photocatalytic Hydrogen Production in Aqueous Solution by a Molecular Cobalt Complex. Angewandte Chemie - International Edition, 2012, 51, 5941-5944.	13.8	280
5	Photocaged DNAzymes as a General Method for Sensing Metal Ions in Living Cells. Angewandte Chemie - International Edition, 2014, 53, 13798-13802.	13.8	181
6	Roles of glutamates and metal ions in a rationally designed nitric oxide reductase based on myoglobin. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8581-8586.	7.1	106
7	Copperâ€“sulfenate complex from oxidation of a cavity mutant ofPseudomonas aeruginosaazurin. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 924-929.	7.1	46
8	Photocaged DNAzymes as a General Method for Sensing Metal Ions in Living Cells. Angewandte Chemie, 2014, 126, 14018-14022.	2.0	43
9	Reversible S-nitrosylation in an engineered azurin. Nature Chemistry, 2016, 8, 670-677.	13.6	41
10	Redesigning the Blue Copper Azurin into a Redox-Active Mononuclear Nonheme Iron Protein: Preparation and Study of Fe(II)-M121E Azurin. Journal of the American Chemical Society, 2014, 136, 12337-12344.	13.7	25
11	A Purple Cupredoxin from Nitrosopumilus maritimus Containing a Mononuclear Type 1 Copper Center with an Open Binding Site. Journal of the American Chemical Society, 2016, 138, 6324-6327.	13.7	23
12	Capturing Phase Evolution during Solvothermal Synthesis of Metastable Cu₄O₃. Chemistry of Materials, 2016, 28, 3080-3089.	6.7	22
13	Probing the role of the backbone carbonyl interaction with the Cu_A center in azurin by replacing the peptide bond with an ester linkage. Chemical Communications, 2017, 53, 224-227.	4.1	15
14	Chloride Control of the Mechanism of Human Serum Ceruloplasmin (Cp) Catalysis. Journal of the American Chemical Society, 2019, 141, 10736-10743.	13.7	15
15	Role of a Tyrosine Radical in Human Ceruloplasmin Catalysis. ACS Central Science, 2020, 6, 1835-1843.	11.3	11
16	Electron Transfer to the Trinuclear Copper Cluster in Electrocatalysis by the Multicopper Oxidases. Journal of the American Chemical Society, 2021, 143, 17236-17249.	13.7	11
17	Stepwise nitrosylation of the nonheme iron site in an engineered azurin and a molecular basis for nitric oxide signaling mediated by nonheme iron proteins. Chemical Science, 2021, 12, 6569-6579.	7.4	2
18	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