

Lu Yu

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic investigation of B12-independent glycerol dehydratase and its activating enzyme GD-AE. Chemical Communications, 2022, 58, 2738-2741.	4.1	3
2	Structural and functional regulations by a disulfide bond designed in myoglobin like human neuroglobin. Chemical Communications, 2022, 58, 5885-5888.	4.1	5
3	Dipolar coupling-based electron paramagnetic resonance method for protease enzymatic characterization and inhibitor screening. Chemical Communications, 2021, 57, 9602-9605.	4.1	2
4	Architecture of the mycobacterial succinate dehydrogenase with a membrane-embedded Rieske FeS cluster. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
5	Helicobacter pylori FabX contains a [4Fe-4S] cluster essential for unsaturated fatty acid synthesis. Nature Communications, 2021, 12, 6932.	12.8	6
6	Cryo-EM structure of trimeric Mycobacterium smegmatis succinate dehydrogenase with a membrane-anchor SdhF. Nature Communications, 2020, 11, 4245.	12.8	20
7	An electron transfer path connects subunits of a mycobacterial respiratory supercomplex. Science, 2018, 362, .	12.6	117
8	Characterization of the flavoenzyme XiaK as an N-hydroxylase and implications in indolosesquiterpene diversification. Chemical Science, 2017, 8, 5067-5077.	7.4	35
9	Ion-redistribution induced efficient upconversion in $\text{F}^{2+}\text{-NaYF}_4\text{:20\%Yb}^{3+},\text{2\%Er}^{3+}$ microcrystals with well controlled morphology and size. Optics Express, 2017, 25, 180.	3.4	23
10	Structure of an E. coli integral membrane sulfurtransferase and its structural transition upon SCN^{-} binding defined by EPR-based hybrid method. Scientific Reports, 2016, 6, 20025.	3.3	15
11	Combined approaches of EPR and NMR illustrate only one transmembrane helix in the human IFITM3. Scientific Reports, 2016, 6, 24029.	3.3	47
12	CW-EPR studies revealed different motional properties and oligomeric states of the integrin $\beta^1\text{a}$ transmembrane domain in detergent micelles or liposomes. Scientific Reports, 2015, 5, 7848.	3.3	26
13	Slow magnetic relaxation in mononuclear seven-coordinate cobalt(II) complexes with easy plane anisotropy. Dalton Transactions, 2015, 44, 11482-11490.	3.3	76
14	EPR-based <i>in situ</i> enzymatic activity detection of endogenous caspase-3 in apoptosis cell lysates. Chemical Communications, 0, , .	4.1	1