

Laura Galazzo

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

315
citations

1040056

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h-index

1125743

13
g-index

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all docs

13
docs citations

13
times ranked

292
citing authors

#	ARTICLE	IF	CITATIONS
1	Benchmark Test and Guidelines for DEER/PELDOR Experiments on Nitroxide-Labeled Biomolecules. <i>Journal of the American Chemical Society</i> , 2021, 143, 17875-17890.	13.7	124
2	Spin-labeled nanobodies as protein conformational reporters for electron paramagnetic resonance in cellular membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2441-2448.	7.1	41
3	Atomistic Mechanism of Large-Scale Conformational Transition in a Heterodimeric ABC Exporter. <i>Journal of the American Chemical Society</i> , 2018, 140, 4543-4551.	13.7	39
4	Distance measurements in peridinin-chlorophyll a -protein by light-induced PELDOR spectroscopy. Analysis of triplet state localization. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 1909-1916.	1.0	24
5	Neural networks in pulsed dipolar spectroscopy: A practical guide. <i>Journal of Magnetic Resonance</i> , 2022, 338, 107186.	2.1	18
6	From inÂvitro towards inÂsitu : structureâ€based investigation of ABC exporters by electron paramagnetic resonance spectroscopy. <i>FEBS Letters</i> , 2020, 594, 3839-3856.	2.8	11
7	A Joint Venture of Ab Initio Molecular Dynamics, Coupled Cluster Electronic Structure Methods, and Liquid-State Theory to Compute Accurate Isotropic Hyperfine Constants of Nitroxide Probes in Water. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 6366-6386.	5.3	11
8	Characterization of the [FeFe]-Hydrogenase Maturation Protein HydF by EPR Techniques: Insights into the Catalytic Mechanism. <i>Topics in Catalysis</i> , 2015, 58, 708-718.	2.8	10
9	Identifying conformational changes with site-directed spin labeling reveals that the GTPase domain of HydF is a molecular switch. <i>Scientific Reports</i> , 2017, 7, 1714.	3.3	10
10	Biophysical Characterization of Pro-apoptotic BimBH3 Peptides Reveals an Unexpected Capacity for Self-Association. <i>Structure</i> , 2021, 29, 114-124.e3.	3.3	10
11	Orthogonal spin labeling and pulsed dipolar spectroscopy for protein studies. <i>Methods in Enzymology</i> , 2022, 666, 79-119.	1.0	10
12	Changes in the fraction of strongly attached cross bridges in mouse atrophic and hypertrophic muscles as revealed by continuous wave electron paramagnetic resonance. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 316, C722-C730.	4.6	4
13	A conformational study of the GTPase domain of [FeFe]-hydrogenase maturation protein HydF by PELDOR spectroscopy. <i>Applied Magnetic Resonance</i> , 2015, 46, 465-479.	1.2	3