

Javier Seravalli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/296567/publications.pdf>

Version: 2024-02-01

18
papers

675
citations

840776

11
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1221
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosynthesis and Reactivity of Cysteine Persulfides in Signaling. <i>Journal of the American Chemical Society</i> , 2016, 138, 289-299.	13.7	206
2	Evidence That NiNi Acetyl-CoA Synthase Is Active and That the CuNi Enzyme Is Not. <i>Biochemistry</i> , 2004, 43, 3944-3955.	2.5	83
3	Overexpression of alpha-synuclein at non-toxic levels increases dopaminergic cell death induced by copper exposure via modulation of protein degradation pathways. <i>Neurobiology of Disease</i> , 2015, 81, 76-92.	4.4	57
4	Organization of the Mammalian Ionome According to Organ Origin, Lineage Specialization, and Longevity. <i>Cell Reports</i> , 2015, 13, 1319-1326.	6.4	56
5	Influence of Iron and Aeration on <i>Staphylococcus aureus</i> Growth, Metabolism, and Transcription. <i>Journal of Bacteriology</i> , 2014, 196, 2178-2189.	2.2	55
6	Genome-wide RNAi ionomics screen reveals new genes and regulation of human trace element metabolism. <i>Nature Communications</i> , 2014, 5, 3301.	12.8	54
7	Overexpression of <i>SbMyb60</i> in <i>Sorghum bicolor</i> impacts both primary and secondary metabolism. <i>New Phytologist</i> , 2018, 217, 82-104.	7.3	42
8	<i>Pseudomonas</i> Quinolone Signal Induces Oxidative Stress and Inhibits Heme Oxygenase-1 Expression in Lung Epithelial Cells. <i>Infection and Immunity</i> , 2017, 85, .	2.2	31
9	Overexpression of the <i>Sorghum bicolor</i> <i>SbCCoAOMT</i> alters cell wall associated hydroxycinnamoyl groups. <i>PLoS ONE</i> , 2018, 13, e0204153.	2.5	25
10	Potassium and the K ⁺ /H ⁺ Exchanger <i>Kha1p</i> Promote Binding of Copper to <i>ApoFet3p</i> Multi-copper Ferroxidase. <i>Journal of Biological Chemistry</i> , 2016, 291, 9796-9806.	3.4	20
11	Systematic age-, organ-, and diet-associated ionome remodeling and the development of ionomic aging clocks. <i>Aging Cell</i> , 2020, 19, e13119.	6.7	15
12	Disease variants of human β -1-pyrroline-5-carboxylate reductase 2 (PYCR2). <i>Archives of Biochemistry and Biophysics</i> , 2021, 703, 108852.	3.0	9
13	Cautionary Tale of Using Tris(alkyl)phosphine Reducing Agents with NAD ⁺ -Dependent Enzymes. <i>Biochemistry</i> , 2020, 59, 3285-3289.	2.5	7
14	Inductively Coupled Plasma-Mass Spectrometry as a Tool for High-Throughput Analysis of Plants. <i>Methods in Molecular Biology</i> , 2012, 918, 269-288.	0.9	5
15	Differential Defense Responses of Upland and Lowland Switchgrass Cultivars to a Cereal Aphid Pest. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7966.	4.1	5
16	Rapid metabolism of exogenous angiotensin II by catecholaminergic neuronal cells in culture media. <i>Physiological Reports</i> , 2015, 3, e12287.	1.7	3
17	Expanding the Biological Periodic Table. <i>Chemistry and Biology</i> , 2010, 17, 793-794.	6.0	2
18	Kinetics of human β -1-pyrroline-5-carboxylate reductase in l-thioproline metabolism. <i>Amino Acids</i> , 2021, 53, 1863-1874.	2.7	0