

Javier Seravalli

List of Publications by Year in descending order

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