

Lalit Ponnala

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2618314/publications.pdf>

Version: 2024-02-01

19
papers

1,327
citations

759233

12
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

2241
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleoid-Enriched Proteomes in Developing Plastids and Chloroplasts from Maize Leaves: A New Conceptual Framework for Nucleoid Functions. <i>Plant Physiology</i> , 2012, 158, 156-189.	4.8	216
2	Structural and Metabolic Transitions of C4 Leaf Development and Differentiation Defined by Microscopy and Quantitative Proteomics in Maize. <i>Plant Cell</i> , 2010, 22, 3509-3542.	6.6	206
3	Megadalton Complexes in the Chloroplast Stroma of <i>Arabidopsis thaliana</i> Characterized by Size Exclusion Chromatography, Mass Spectrometry, and Hierarchical Clustering. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 1594-1615.	3.8	169
4	SPOP Mutation Drives Prostate Tumorigenesis In Vivo through Coordinate Regulation of PI3K/mTOR and AR Signaling. <i>Cancer Cell</i> , 2017, 31, 436-451.	16.8	152
5	Correlation of mRNA and protein abundance in the developing maize leaf. <i>Plant Journal</i> , 2014, 78, 424-440.	5.7	104
6	ClpS1 Is a Conserved Substrate Selector for the Chloroplast Clp Protease System in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 2276-2301.	6.6	98
7	Loss of Plastoglobule Kinases ABC1K1 and ABC1K3 Causes Conditional Degreening, Modified Prenyl-Lipids, and Recruitment of the Jasmonic Acid Pathway. <i>Plant Cell</i> , 2013, 25, 1818-1839.	6.6	92
8	Discovery of a Unique Clp Component, ClpF, in Chloroplasts: A Proposed Binary ClpF-ClpS1 Adaptor Complex Functions in Substrate Recognition and Delivery. <i>Plant Cell</i> , 2015, 27, tpc.15.00574.	6.6	63
9	Modified Clp Protease Complex in the ClpP3 Null Mutant and Consequences for Chloroplast Development and Function in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2013, 162, 157-179.	4.8	55
10	Targeted Profiling of <i>Arabidopsis thaliana</i> Subproteomes Illuminates Co- and Posttranslationally N-Terminal Myristoylated Proteins. <i>Plant Cell</i> , 2018, 30, 543-562.	6.6	54
11	MET1 Is a Thylakoid-Associated TPR Protein Involved in Photosystem II Supercomplex Formation and Repair in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2015, 27, 262-285.	6.6	40
12	Structures, Functions, and Interactions of ClpT1 and ClpT2 in the Clp Protease System of <i>Arabidopsis</i> Chloroplasts. <i>Plant Cell</i> , 2015, 27, 1477-1496.	6.6	40
13	Tissue-type specific accumulation of the plastoglobular proteome, transcriptional networks, and plastoglobular functions. <i>Journal of Experimental Botany</i> , 2021, 72, 4663-4679.	4.8	13
14	Autocatalytic Processing and Substrate Specificity of <i>Arabidopsis</i> Chloroplast Glutamyl Peptidase. <i>Plant Physiology</i> , 2020, 184, 110-129.	4.8	7
15	Proteomics, phylogenetics, and coexpression analyses indicate novel interactions in the plastid CLP chaperone-protease system. <i>Journal of Biological Chemistry</i> , 2022, 298, 101609.	3.4	7
16	A Plausible Role for the Presence of Internal Shine-Dalgarno Sites. <i>Bioinformatics and Biology Insights</i> , 2010, 4, BBI.S5236.	2.0	6
17	Alternative σ Factors Regulate Overlapping as Well as Distinct Stress Response and Metabolic Functions in <i>Listeria monocytogenes</i> under Stationary Phase Stress Condition. <i>Pathogens</i> , 2021, 10, 411.	2.8	2
18	On finding poorly translated codons based on their usage frequency. <i>Bioinformation</i> , 2009, 4, 63-65.	0.5	2

#	ARTICLE	IF	CITATIONS
19	Detecting slow-translating regions in E.coli. International Journal of Bioinformatics Research and Applications, 2010, 6, 522-30.	0.2	1