

Peter K Lundquist

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

685
citations

933264

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1058333

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17
docs citations

17
times ranked

1016
citing authors

#	ARTICLE	IF	CITATIONS
1	The Functional Network of the Arabidopsis Plastoglobule Proteome Based on Quantitative Proteomics and Genome-Wide Coexpression Analysis. <i>Plant Physiology</i> , 2012, 158, 1172-1192.	2.3	193
2	Genome-Wide Identification of <i>Medicago</i> Peptides Involved in Macronutrient Responses and Nodulation. <i>Plant Physiology</i> , 2017, 175, 1669-1689.	2.3	101
3	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.	3.1	92
4	Plastid Signals and the Bundle Sheath: Mesophyll Development in Reticulate Mutants. <i>Molecular Plant</i> , 2014, 7, 14-29.	3.9	61
5	ABC1K atypical kinases in plants: filling the organellar kinase void. <i>Trends in Plant Science</i> , 2012, 17, 546-555.	4.3	58
6	Lipid droplets throughout the evolutionary tree. <i>Progress in Lipid Research</i> , 2020, 78, 101029.	5.3	55
7	MtSSPdb: The <i>Medicago truncatula</i> Small Secreted Peptide Database. <i>Plant Physiology</i> , 2020, 183, 399-413.	2.3	40
8	Surveying the Oligomeric State of Arabidopsis thaliana Chloroplasts. <i>Molecular Plant</i> , 2017, 10, 197-211.	3.9	24
9	Molecular changes of <i>Arabidopsis thaliana</i> plastoglobules facilitate thylakoid membrane remodeling under high light stress. <i>Plant Journal</i> , 2021, 106, 1571-1587.	2.8	22
10	Identification and Functional Investigation of Genome-Encoded, Small, Secreted Peptides in Plants. <i>Current Protocols in Plant Biology</i> , 2019, 4, e20098.	2.8	15
11	The plastoglobule-localized protein AtABC1K6 is a Mn ²⁺ -dependent kinase necessary for timely transition to reproductive growth. <i>Journal of Biological Chemistry</i> , 2022, 298, 101762.	1.6	9
12	Pathway Engineering, Re-targeting, and Synthetic Scaffolding Improve the Production of Squalene in Plants. <i>ACS Synthetic Biology</i> , 2022, 11, 2121-2133.	1.9	8
13	Insights into topology and membrane interaction characteristics of plastoglobule-localized AtFBN1a and AtLOX2. <i>Plant Signaling and Behavior</i> , 2021, 16, 1945213.	1.2	5
14	Tracking subplastidic localization of carotenoid metabolic enzymes with proteomics. <i>Methods in Enzymology</i> , 2022, , 327-350.	0.4	2
15	Lipids Biogenesis of Lipid Droplets. , 2021, , 719-731.		0
16	The Plastoglobule-Localized AtABC1K6 is a Mn ²⁺ -dependent Protein Kinase Necessary for Timely Transition to Reproductive Growth. <i>FASEB Journal</i> , 2022, 36, .	0.2	0