

Laura Alexandra Zsigmond

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

533
citations

1040056

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10
times ranked

771
citing authors

#	ARTICLE	IF	CITATIONS
1	Arabidopsis PPR40 Connects Abiotic Stress Responses to Mitochondrial Electron Transport. <i>Plant Physiology</i> , 2008, 146, 1721-1737.	4.8	137
2	Full-Length Isoform Sequencing Reveals Novel Transcripts and Substantial Transcriptional Overlaps in a Herpesvirus. <i>PLoS ONE</i> , 2016, 11, e0162868.	2.5	93
3	Inactivation of Plasma Membrane-Localized CDPK-RELATED KINASE5 Decelerates PIN2 Exocytosis and Root Gravitropic Response in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 1592-1608.	6.6	87
4	The mechanism of photosystem II inactivation during sulphur deprivation-induced H ₂ O ₂ production in <i>Chlamydomonas reinhardtii</i> . <i>Plant Journal</i> , 2018, 94, 548-561.	5.7	50
5	Regulation of ascorbate biosynthesis in green algae has evolved to enable rapid stress-induced response via the <i>VTC2</i> gene encoding GDP-galactose phosphorylase. <i>New Phytologist</i> , 2017, 214, 668-681.	7.3	47
6	The AtCRK5 Protein Kinase Is Required to Maintain the ROS NO Balance Affecting the PIN2-Mediated Root Gravitropic Response in <i>Arabidopsis</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 5979.	4.1	30
7	Enhanced activity of galactono-1,4-lactone dehydrogenase and ascorbate-glutathione cycle in mitochondria from complex III deficient <i>Arabidopsis</i> . <i>Plant Physiology and Biochemistry</i> , 2011, 49, 809-815.	5.8	29
8	Light Control of Salt-Induced Proline Accumulation Is Mediated by ELONGATED HYPOCOTYL 5 in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 1584.	3.6	28
9	Functional Analysis of the <i>Arabidopsis thaliana</i> CDPK-Related Kinase Family: AtCRK1 Regulates Responses to Continuous Light. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1282.	4.1	27
10	Small paraquat resistance proteins modulate paraquat and ABA responses and confer drought tolerance to overexpressing <i>Arabidopsis</i> plants. <i>Plant, Cell and Environment</i> , 2022, 45, 1985-2003.	5.7	5