

Sunitha Shiva

List of Publications by Year in descending order

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569
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#	ARTICLE	IF	CITATIONS
1	Specific Changes in Arabidopsis thaliana Rosette Lipids during Freezing Can Be Associated with Freezing Tolerance. <i>Metabolites</i> , 2022, 12, 385.	2.9	1
2	Lipidomic Analysis of Arabidopsis T-DNA Insertion Lines Leads to Identification and Characterization of C-Terminal Alterations in FATTY ACID DESATURASE 6. <i>Plant and Cell Physiology</i> , 2022, 63, 1193-1204.	3.1	5
3	Leaf Lipid Alterations in Response to Heat Stress of Arabidopsis thaliana. <i>Plants</i> , 2020, 9, 845.	3.5	36
4	A Lipidomic Approach to Identify Cold-Induced Changes in Arabidopsis Membrane Lipid Composition. <i>Methods in Molecular Biology</i> , 2020, 2156, 187-202.	0.9	2
5	An efficient modified method for plant leaf lipid extraction results in improved recovery of phosphatidic acid. <i>Plant Methods</i> , 2018, 14, 14.	4.3	51
6	Comparative Transcriptome and Lipidome Analyses Reveal Molecular Chilling Responses in Chilling-Tolerant Sorghums. <i>Plant Genome</i> , 2017, 10, plantgenome2017.03.0025.	2.8	35
7	Modifications of membrane lipids in response to wounding of <i>Arabidopsis thaliana</i> leaves. <i>Plant Signaling and Behavior</i> , 2015, 10, e1056422.	2.4	20
8	Headgroup acylation of monogalactosyldiacylglycerol is a common stress response, and the acylgalactose acyl composition varies with the plant species and applied stress. <i>Physiologia Plantarum</i> , 2014, 150, 517-528.	5.2	18
9	Lipid changes after leaf wounding in <i>Arabidopsis thaliana</i> : expanded lipidomic data form the basis for lipid occurrence analysis. <i>Plant Journal</i> , 2014, 80, 728-743.	5.7	90
10	A Lipidomic Approach to Identify Cold-Induced Changes in Arabidopsis Membrane Lipid Composition. <i>Methods in Molecular Biology</i> , 2014, 1166, 199-215.	0.9	9
11	Lipidomic Analysis of Plant Membrane Lipids by Direct Infusion Tandem Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2013, 1009, 79-91.	0.9	37
12	Arabidopsis thaliana Membrane Lipid Molecular Species and Their Mass Spectral Analysis. <i>Methods in Molecular Biology</i> , 2012, 918, 179-268.	0.9	15
13	Steryl Glucoside and Acyl Steryl Glucoside Analysis of Arabidopsis Seeds by Electrospray Ionization Tandem Mass Spectrometry. <i>Lipids</i> , 2012, 47, 185-193.	1.7	39
14	2-Isoxazolinium Salts and 3-Isoxazolines: Exploratory Chemistry and Uses for the Synthesis of Branched Amino Polyols and Amino Acids. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2010, 65, 821-832.	0.7	4
15	Crystal structure of 5-(3-chlorobenzoyloxy)-4-ethoxycarbonyl-6,6-dimethyl-dihydro-1,3-oxazine 3-oxide, C ₁₆ H ₁₈ ClNO ₆ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2010, 225, 541-542.	0.3	0