Sunitha Shiva

List of Publications by Year
in descending order

15	362	1040056 9	1125743 13
papers	citations	h-index	g-index

16	16	16	569
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lipid changes after leaf wounding in Arabidopsis thaliana: expanded lipidomic data form the basis for lipid coâ€occurrence analysis. Plant Journal, 2014, 80, 728-743.	5.7	90
2	An efficient modified method for plant leaf lipid extraction results in improved recovery of phosphatidic acid. Plant Methods, 2018, 14, 14.	4.3	51
3	Steryl Glucoside and Acyl Steryl Glucoside Analysis of Arabidopsis Seeds by Electrospray Ionization Tandem Mass Spectrometry. Lipids, 2012, 47, 185-193.	1.7	39
4	Lipidomic Analysis of Plant Membrane Lipids by Direct Infusion Tandem Mass Spectrometry. Methods in Molecular Biology, 2013, 1009, 79-91.	0.9	37
5	Leaf Lipid Alterations in Response to Heat Stress of Arabidopsis thaliana. Plants, 2020, 9, 845.	3.5	36
6	Comparative Transcriptome and Lipidome Analyses Reveal Molecular Chilling Responses in Chillingâ€Tolerant Sorghums. Plant Genome, 2017, 10, plantgenome2017.03.0025.	2.8	35
7	Modifications of membrane lipids in response to wounding of Arabidopsis thaliana leaves. Plant Signaling and Behavior, 2015, 10, e1056422.	2.4	20
8	Headâ€group acylation of monogalactosyldiacylglycerol is a common stress response, and the acylâ€galactose acyl composition varies with the plant species and applied stress. Physiologia Plantarum, 2014, 150, 517-528.	5.2	18
9	Arabidopsis thaliana Membrane Lipid Molecular Species and Their Mass Spectral Analysis. Methods in Molecular Biology, 2012, 918, 179-268.	0.9	15
10	A Lipidomic Approach to Identify Cold-Induced Changes in Arabidopsis Membrane Lipid Composition. Methods in Molecular Biology, 2014, 1166, 199-215.	0.9	9
11	Lipidomic Analysis of Arabidopsis T-DNA Insertion Lines Leads to Identification and Characterization of C-Terminal Alterations in FATTY ACID DESATURASE 6. Plant and Cell Physiology, 2022, 63, 1193-1204.	3.1	5
12	2-Isoxazolinium Salts and 3-Isoxazolines: Exploratory Chemistry and Uses for the Synthesis of Branched Amino Polyols and Amino Acids. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 821-832.	0.7	4
13	A Lipidomic Approach to Identify Cold-Induced Changes in Arabidopsis Membrane Lipid Composition. Methods in Molecular Biology, 2020, 2156, 187-202.	0.9	2
14	Specific Changes in Arabidopsis thaliana Rosette Lipids during Freezing Can Be Associated with Freezing Tolerance. Metabolites, 2022, 12, 385.	2.9	1
15	Crystal structure of 5-(3-chlorobenzoyloxy)-4-ethoxycarbonyl-6,6- dimethyl-dihydro-1,3-oxazine 3-oxide, C16H18ClNO6. Zeitschrift Fur Kristallographie - New Crystal Structures, 2010, 225, 541-542.	0.3	0