

Avi Sadka

List of Publications by Year in descending order

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40
papers

2,089
citations

218677

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289244

40
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docs citations

42
times ranked

2315
citing authors

#	ARTICLE	IF	CITATIONS
1	Alternate bearing in fruit trees: fruit presence induces polar auxin transport in citrus and olive stem and represses IAA release from the bud. <i>Journal of Experimental Botany</i> , 2021, 72, 2450-2462.	4.8	17
2	Top Photoselective Netting in Combination with Reduced Fertigation Results in Multi-Annual Yield Increase in Valencia Oranges (<i>Citrus sinensis</i>). <i>Agronomy</i> , 2021, 11, 2034.	3.0	6
3	Tissue-specific organic acid metabolism in reproductive and non-reproductive parts of the fig fruit is partially induced by pollination. <i>Physiologia Plantarum</i> , 2020, 168, 133-147.	5.2	11
4	A Genetic Algorithm to Optimize Weighted Gene Co-Expression Network Analysis. <i>Journal of Computational Biology</i> , 2019, 26, 1349-1366.	1.6	18
5	Primary Metabolism in Citrus Fruit as Affected by Its Unique Structure. <i>Frontiers in Plant Science</i> , 2019, 10, 1167.	3.6	56
6	Ethylene Response of Plum ACC Synthase 1 (ACS1) Promoter is Mediated through the Binding Site of Abscisic Acid Insensitive 5 (ABI5). <i>Plants</i> , 2019, 8, 117.	3.5	15
7	Hormone balance in a climacteric plum fruit and its non-climacteric bud mutant during ripening. <i>Plant Science</i> , 2019, 280, 51-65.	3.6	20
8	Ethylene regulation of sugar metabolism in climacteric and non-climacteric plums. <i>Postharvest Biology and Technology</i> , 2018, 139, 20-30.	6.0	74
9	Effects of photoselective netting on root growth and development of young grafted orange trees under semi-arid climate. <i>Scientia Horticulturae</i> , 2018, 238, 272-280.	3.6	27
10	Recent Advances in the Regulation of Citric Acid Metabolism in Citrus Fruit. <i>Critical Reviews in Plant Sciences</i> , 2017, 36, 241-256.	5.7	86
11	Reductions in root hydraulic conductivity in response to clay soil and treated waste water are related to PIPs down-regulation in Citrus. <i>Scientific Reports</i> , 2017, 7, 15429.	3.3	23
12	Sugar metabolism reprogramming in a non-climacteric bud mutant of a climacteric plum fruit during development on the tree. <i>Journal of Experimental Botany</i> , 2017, 68, 5813-5828.	4.8	42
13	Use of Magnetic Resonance Imaging (MRI) to Study and Predict Fruit Splitting in Citrus. <i>Horticulture Journal</i> , 2017, 86, 151-158.	0.8	9
14	Molecular characterization of SQUAMOSA PROMOTER BINDING PROTEIN-LIKE (SPL) gene family from Citrus and the effect of fruit load on their expression. <i>Frontiers in Plant Science</i> , 2015, 6, 389.	3.6	54
15	RNA-Seq Analysis of Spatiotemporal Gene Expression Patterns During Fruit Development Revealed Reference Genes for Transcript Normalization in Plums. <i>Plant Molecular Biology Reporter</i> , 2015, 33, 1634-1649.	1.8	48
16	Non-climacteric ripening and sorbitol homeostasis in plum fruits. <i>Plant Science</i> , 2015, 231, 30-39.	3.6	46
17	Fruit load induces changes in global gene expression and in abscisic acid (ABA) and indole acetic acid (IAA) homeostasis in citrus buds. <i>Journal of Experimental Botany</i> , 2014, 65, 3029-3044.	4.8	61
18	Effects of gibberellin treatment during flowering induction period on global gene expression and the transcription of flowering-control genes in Citrus buds. <i>Plant Science</i> , 2013, 198, 46-57.	3.6	91

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19	PaKRP, a cyclin-dependent kinase inhibitor from avocado, may facilitate exit from the cell cycle during fruit growth. <i>Plant Science</i> , 2013, 213, 18-29.	3.6	6
20	Alternate Bearing in Citrus: Changes in the Expression of Flowering Control Genes and in Global Gene Expression in ON- versus OFF-Crop Trees. <i>PLoS ONE</i> , 2012, 7, e46930.	2.5	88
21	Label-free shotgun proteomics and metabolite analysis reveal a significant metabolic shift during citrus fruit development. <i>Journal of Experimental Botany</i> , 2011, 62, 5367-5384.	4.8	98
22	Inhibition of aconitase in citrus fruit callus results in a metabolic shift towards amino acid biosynthesis. <i>Planta</i> , 2011, 234, 501-513.	3.2	55
23	Isolation of a citrus promoter specific for reproductive organs and its functional analysis in isolated juice sacs and tomato. <i>Plant Cell Reports</i> , 2011, 30, 1627-1640.	5.6	13
24	A label-free differential quantitative mass spectrometry method for the characterization and identification of protein changes during citrus fruit development. <i>Proteome Science</i> , 2010, 8, 68.	1.7	44
25	Similar mechanisms might be triggered by alternative external stimuli that induce dormancy release in grape buds. <i>Planta</i> , 2008, 228, 79-88.	3.2	99
26	Iron-shortage-induced increase in citric acid content and reduction of cytosolic aconitase activity in Citrus fruit vesicles and calli. <i>Physiologia Plantarum</i> , 2007, 131, 72-79.	5.2	37
27	Vacuolar citrate/H ⁺ symporter of citrus juice cells. <i>Planta</i> , 2006, 224, 472-480.	3.2	65
28	Salt Induction of Fatty Acid Elongase and Membrane Lipid Modifications in the Extreme Halotolerant Alga <i>Dunaliella salina</i> Å. <i>Plant Physiology</i> , 2002, 129, 1320-1329.	4.8	151
29	Comparative analysis of mitochondrial citrate synthase gene structure, transcript level and enzymatic activity in acidless and acid-containing Citrus varieties. <i>Functional Plant Biology</i> , 2001, 28, 383.	2.1	37
30	Homeodomain Leucine Zipper Proteins Bind to the Phosphate Response Domain of the Soybean VspB Tripartite Promoter. <i>Plant Physiology</i> , 2001, 125, 797-809.	4.8	44
31	Aconitase activity and expression during the development of lemon fruit. <i>Physiologia Plantarum</i> , 2000, 108, 255-262.	5.2	125
32	Fermentative metabolism in grape berries: isolation and characterization of pyruvate decarboxylase cDNA and analysis of its expression throughout berry development. <i>Plant Science</i> , 2000, 156, 151-158.	3.6	21
33	NADP ⁺ -isocitrate dehydrogenase gene expression and isozyme activity during citrus fruit development. <i>Plant Science</i> , 2000, 158, 173-181.	3.6	79
34	Isolation of mitochondrial malate dehydrogenase and phosphoenolpyruvate carboxylase cDNA clones from grape berries and analysis of their expression pattern throughout berry development. <i>Journal of Plant Physiology</i> , 2000, 157, 527-534.	3.5	27
35	Arsenite Reduces Acid Content in Citrus Fruit, Inhibits Activity of Citrate Synthase but Induces Its Gene Expression. <i>Journal of the American Society for Horticultural Science</i> , 2000, 125, 288-293.	1.0	29
36	Induction of a Citrus gene highly homologous to plant and yeast thi genes involved in thiamine biosynthesis during natural and ethylene-induced fruit maturation. <i>Plant Molecular Biology</i> , 1997, 35, 661-666.	3.9	26

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37	Arabidopsis thaliana Atvsp is homologous to soybean VspA and VspB, genes encoding vegetative storage protein acid phosphatases, and is regulated similarly by methyl jasmonate, wounding, sugars, light and phosphate. Plant Molecular Biology, 1995, 27, 933-942.	3.9	198
38	Phosphate Modulates Transcription of Soybean VspB and Other Sugar-Inducible Genes. Plant Cell, 1994, 6, 737.	6.6	30
39	A 150 Kilodalton Cell Surface Protein Is Induced by Salt in the Halotolerant Green Alga <i>Dunaliella salina</i> . Plant Physiology, 1991, 95, 822-831.	4.8	60
40	A critical examination of the role of de novo protein synthesis in the osmotic adaptation of the halotolerant alga <i>Dunaliella</i> . FEBS Letters, 1989, 244, 93-98.	2.8	51