

Amanda R Walker

List of Publications by Year in descending order

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47
papers

7,461
citations

159585

30
h-index

214800

47
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all docs

47
docs citations

47
times ranked

6667
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating the effects of elevated temperature on salinity tolerance traits in grapevine rootstocks using high-throughput phenotyping. <i>Australian Journal of Grape and Wine Research</i> , 2022, 28, 276-291.	2.1	5
2	Rootstock type influences salt exclusion response of grafted Shiraz under salt treatment at elevated root zone temperature. <i>Australian Journal of Grape and Wine Research</i> , 2022, 28, 292-303.	2.1	2
3	The grapevine NaE sodium exclusion locus encodes sodium transporters with diverse transport properties and localisation. <i>Journal of Plant Physiology</i> , 2020, 246-247, 153113.	3.5	9
4	Biosynthesis and regulation of flavonoids in buckwheat. <i>Breeding Science</i> , 2020, 70, 74-84.	1.9	33
5	The MYB5-driven MBW complex recruits a WRKY factor to enhance the expression of targets involved in vacuolar hyperacidification and trafficking in grapevine. <i>Plant Journal</i> , 2019, 99, 1220-1241.	5.7	54
6	Grape and wine flavonoid composition in transgenic grapevines with altered expression of flavonoid hydroxylase genes. <i>Australian Journal of Grape and Wine Research</i> , 2019, 25, 293-306.	2.1	13
7	A whole canopy gas exchange system for the targeted manipulation of grapevine source-sink relations using sub-ambient CO ₂ . <i>BMC Plant Biology</i> , 2019, 19, 535.	3.6	9
8	Grape berry flavonoids: a review of their biochemical responses to high and extreme high temperatures. <i>Journal of Experimental Botany</i> , 2019, 70, 397-423.	4.8	115
9	Analysis of the salt exclusion phenotype in rooted leaves of grapevine (<i>Vitis</i> spp.). <i>Australian Journal of Grape and Wine Research</i> , 2018, 24, 317-326.	2.1	8
10	Genotyping by Sequencing in Almond: SNP Discovery, Linkage Mapping, and Marker Design. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 161-172.	1.8	28
11	Functional differences in transport properties of natural HKT1;1 variants influence shoot Na ⁺ exclusion in grapevine rootstocks. <i>New Phytologist</i> , 2018, 217, 1113-1127.	7.3	66
12	Buckwheat R2R3 MYB transcription factor FeMYBF1 regulates flavonol biosynthesis. <i>Plant Science</i> , 2018, 274, 466-475.	3.6	60
13	A new buckwheat dihydroflavonol 4-reductase (DFR), with a unique substrate binding structure, has altered substrate specificity. <i>BMC Plant Biology</i> , 2017, 17, 239.	3.6	57
14	Isolation and characterization of genes encoding leucoanthocyanidin reductase (FeLAR) and anthocyanidin reductase (FeANR) in buckwheat (<i>Fagopyrum esculentum</i>). <i>Journal of Plant Physiology</i> , 2016, 205, 41-47.	3.5	21
15	Grapevine and Arabidopsis cation-chloride cotransporters localise to the Golgi and trans-Golgi network and indirectly influence long-distance ion homeostasis and plant salt tolerance. <i>Plant Physiology</i> , 2015, 169, pp.00499.2015.	4.8	55
16	A grapevine anthocyanin acyltransferase, transcriptionally regulated by VvMYBA, can produce most acylated anthocyanins present in grape skins. <i>Plant Physiology</i> , 2015, 169, pp.01255.2015.	4.8	113
17	Shoot chloride exclusion and salt tolerance in grapevine is associated with differential ion transporter expression in roots. <i>BMC Plant Biology</i> , 2014, 14, 273.	3.6	78
18	IDENTIFICATION OF AN R2R3 MYB TRANSCRIPTION FACTOR INVOLVED IN THE REGULATION OF THE STILBENE SYNTHASE PATHWAY IN GRAPEVINE. <i>Acta Horticulturae</i> , 2014, , 57-64.	0.2	1

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19	The R2R3-MYB Transcription Factors MYB14 and MYB15 Regulate Stilbene Biosynthesis in <i>Vitis vinifera</i> . <i>Plant Cell</i> , 2013, 25, 4135-4149.	6.6	270
20	Genetic dissection of a <i>TIR-NB-LRR</i> locus from the wild <i>North American</i> grapevine species <i>Muscadina rotundifolia</i> identifies paralogous genes conferring resistance to major fungal and oomycete pathogens in cultivated grapevine. <i>Plant Journal</i> , 2013, 76, 661-674.	5.7	152
21	Transcriptional regulation of the three grapevine chalcone synthase genes and their role in flavonoid synthesis in Shiraz. <i>Australian Journal of Grape and Wine Research</i> , 2013, 19, 221-229.	2.1	25
22	Identification of key amino acids for the evolution of promoter target specificity of anthocyanin and proanthocyanidin regulating MYB factors. <i>Plant Molecular Biology</i> , 2013, 82, 457-471.	3.9	109
23	The Grapevine R2R3-MYB Transcription Factor VvMYBF1 Regulates Flavonol Synthesis in Developing Grape Berries. <i>Plant Physiology</i> , 2009, 151, 1513-1530.	4.8	383
24	Endophytic Actinobacteria Induce Defense Pathways in <i>Arabidopsis thaliana</i> . <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 208-218.	2.6	320
25	Tomato leaf curl virus satellite DNA as a gene silencing vector activated by helper virus infection. <i>Virus Research</i> , 2008, 136, 30-34.	2.2	8
26	The Transcription Factor VvMYB5b Contributes to the Regulation of Anthocyanin and Proanthocyanidin Biosynthesis in Developing Grape Berries. <i>Plant Physiology</i> , 2008, 147, 2041-2053.	4.8	358
27	The Grapevine Transcription Factor VvMYBPA1 Regulates Proanthocyanidin Synthesis during Fruit Development. <i>Plant Physiology</i> , 2007, 143, 1347-1361.	4.8	497
28	White grapes arose through the mutation of two similar and adjacent regulatory genes. <i>Plant Journal</i> , 2007, 49, 772-785.	5.7	596
29	Light-Induced Expression of a MYB Gene Regulates Anthocyanin Biosynthesis in Red Apples. <i>Plant Physiology</i> , 2006, 142, 1216-1232.	4.8	867
30	Condensed tannin biosynthesis genes are regulated separately from other flavonoid biosynthesis genes in apple fruit skin. <i>Plant Science</i> , 2006, 170, 487-499.	3.6	114
31	Transcriptional regulation of the flavonoid pathway in the skin of dark-grown 'Cripps' Red' apples in response to sunlight. <i>Journal of Horticultural Science and Biotechnology</i> , 2006, 81, 735-744.	1.9	63
32	Two new grape cultivars, bud sports of Cabernet Sauvignon bearing pale-coloured berries, are the result of deletion of two regulatory genes of the berry colour locus. <i>Plant Molecular Biology</i> , 2006, 62, 623-635.	3.9	136
33	Two WD-repeat genes from cotton are functional homologues of the <i>Arabidopsis thaliana</i> TRANSPARENT TESTA GLABRA1 (TTG1) gene. <i>Plant Molecular Biology</i> , 2005, 57, 67-81.	3.9	117
34	Two basic-helix-loop-helix genes (MYC-146 and GL3) from <i>Arabidopsis</i> can activate anthocyanin biosynthesis in a white-flowered <i>Matthiola incana</i> mutant. <i>Plant Molecular Biology</i> , 2003, 52, 679-688.	3.9	99
35	The <i>Arabidopsis</i> TDS4 gene encodes leucoanthocyanidin dioxygenase (LDOX) and is essential for proanthocyanidin synthesis and vacuole development. <i>Plant Journal</i> , 2003, 35, 624-636.	5.7	239
36	Tissue-Specific, Light-Regulated and Plastid-Regulated Expression of the Single-Copy Nuclear Gene Encoding the Chloroplast Rieske FeS Protein of <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2002, 43, 522-531.	3.1	14

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37	A novel plastid-targeted J-domain protein in <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology</i> , 2001, 46, 615-626.	3.9	15
38	Trichome initiation in <i>Arabidopsis</i> . <i>Advances in Botanical Research</i> , 2000, 31, 219-236.	1.1	4
39	The TRANSPARENT TESTA GLABRA1 Locus, Which Regulates Trichome Differentiation and Anthocyanin Biosynthesis in <i>Arabidopsis</i> , Encodes a WD40 Repeat Protein. <i>Plant Cell</i> , 1999, 11, 1337.	6.6	15
40	The TRANSPARENT TESTA GLABRA1 Locus, Which Regulates Trichome Differentiation and Anthocyanin Biosynthesis in <i>Arabidopsis</i> , Encodes a WD40 Repeat Protein. <i>Plant Cell</i> , 1999, 11, 1337-1349.	6.6	905
41	Allele-Specific Interactions Between <i>ttg</i> and <i>gl1</i> During Trichome Development in <i>Arabidopsis thaliana</i> . <i>Genetics</i> , 1999, 151, 1591-1604.	2.9	103
42	Two different genes encode ferrochelatase in <i>Arabidopsis</i> : mapping, expression and subcellular targeting of the precursor proteins. <i>Plant Journal</i> , 1998, 15, 531-541.	5.7	97
43	Cloning of the <i>Arabidopsis</i> ent-kaurene oxidase gene GA3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 9019-9024.	7.1	205
44	Chromosomal location and expression of the single-copy gene encoding high-mobility-group protein HMG-I/Y in <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology</i> , 1997, 34, 529-536.	3.9	26
45	Title is missing!. <i>Photosynthesis Research</i> , 1997, 54, 155-163.	2.9	6
46	<i>Arabidopsis</i> AUX1 Gene: A Permease-Like Regulator of Root Gravitropism. <i>Science</i> , 1996, 273, 948-950.	12.6	955
47	Cloning and characterization of the vermilion gene of <i>Drosophila melanogaster</i> . <i>Molecular Genetics and Genomics</i> , 1986, 202, 102-107.	2.4	36