

Anne Y Fennell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4423395/publications.pdf>

Version: 2024-02-01

56
papers

1,843
citations

304743

22
h-index

276875

41
g-index

59
all docs

59
docs citations

59
times ranked

1811
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic Designing for Biotic Stress Resistant Grapevine. , 2022, , 87-255.		11
2	Berry Anthocyanin, Acid, and Volatile Trait Analyses in a Grapevine-Interspecific F2 Population Using an Integrated GBS and rhAmpSeq Genetic Map. <i>Plants</i> , 2022, 11, 696.	3.5	5
3	Increases in vein length compensate for leaf area lost to lobing in grapevine. <i>American Journal of Botany</i> , 2022, 109, 1063-1073.	1.7	5
4	A Novel Grape Downy Mildew Resistance Locus from <i>Vitis rupestris</i> . <i>American Journal of Enology and Viticulture</i> , 2021, 72, 12-20.	1.7	15
5	Integrative Analysis of Gene Expression and miRNAs Reveal Biological Pathways Associated with Bud Paradorancy and Endodormancy in Grapevine. <i>Plants</i> , 2021, 10, 669.	3.5	5
6	Multiple independent recombinations led to hermaphroditism in grapevine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	32
7	Freezing Tolerance and Chilling Fulfillment Differences in Cold Climate Grape Cultivars. <i>Horticulturae</i> , 2021, 7, 4.	2.8	3
8	Multi-dimensional leaf phenotypes reflect root system genotype in grafted grapevine over the growing season. <i>GigaScience</i> , 2021, 10, .	6.4	11
9	Draft genome of the Native American cold hardy grapevine <i>Vitis riparia</i> Michx. â€˜Manitoba 37â€™™. <i>Horticulture Research</i> , 2020, 7, 92.	6.3	18
10	Haplotyping the <i>Vitis</i> collinear core genome with rhAmpSeq improves marker transferability in a diverse genus. <i>Nature Communications</i> , 2020, 11, 413.	12.8	52
11	Water Deficit Transcriptomic Responses Differ in the Invasive <i>Tamarix chinensis</i> and <i>T. ramosissima</i> Established in the Southern and Northern United States. <i>Plants</i> , 2020, 9, 86.	3.5	10
12	Rootstock effects on scion phenotypes in a â€˜Chambourcinâ€™™ experimental vineyard. <i>Horticulture Research</i> , 2019, 6, 64.	6.3	37
13	Identification and Characterization of Mitogen-Activated Protein Kinase (MAPK) Genes in Sunflower (<i>Helianthus annuus</i> L.). <i>Plants</i> , 2019, 8, 28.	3.5	21
14	Effects of Harvest Time on the Aroma of White Wines Made from Cold-Hardy Brianna and Frontenac Gris Grapes Using Headspace Solid-Phase Microextraction and Gas Chromatography-Mass Spectrometry-Olfactometry. <i>Foods</i> , 2019, 8, 29.	4.3	11
15	Evaluation of Volatile Metabolites Emitted In-Vivo from Cold-Hardy Grapes during Ripening Using SPME and GC-MS: A Proof-of-Concept. <i>Molecules</i> , 2019, 24, 536.	3.8	19
16	IRIS-EDA: An integrated RNA-Seq interpretation system for gene expression data analysis. <i>PLoS Computational Biology</i> , 2019, 15, e1006792.	3.2	27
17	Transcriptomic response is more sensitive to water deficit in shoots than roots of <i>Vitis riparia</i> (Michx.). <i>BMC Plant Biology</i> , 2019, 19, 72.	3.6	16
18	Genetic analysis of stilbenoid profiles in grapevine stems reveals a major mQTL hotspot on chromosome 18 associated with disease-resistance motifs. <i>Horticulture Research</i> , 2019, 6, 121.	6.3	13

#	ARTICLE	IF	CITATIONS
19	Biogenic Volatiles Emitted from Four Cold-Hardy Grape Cultivars During Ripening. <i>Data</i> , 2019, 4, 22.	2.3	4
20	Determination of Selected Aromas in Marquette and Frontenac Wine Using Headspace-SPME Coupled with GC-MS and Simultaneous Olfactometry. <i>Separations</i> , 2018, 5, 20.	2.4	8
21	Comparison of three assembly strategies for a heterozygous seedless grapevine genome assembly. <i>BMC Genomics</i> , 2018, 19, 57.	2.8	15
22	Shotgun proteomic analysis of photoperiod regulated dormancy induction in grapevine. <i>Journal of Proteomics</i> , 2018, 187, 13-24.	2.4	14
23	QUBIC: a bioconductor package for qualitative biclustering analysis of gene co-expression data. <i>Bioinformatics</i> , 2017, 33, 450-452.	4.1	58
24	Evaluation of Tannins and Anthocyanins in Marquette, Frontenac, and St. Croix Cold-Hardy Grape Cultivars. <i>Fermentation</i> , 2017, 3, 47.	3.0	16
25	Next Generation Mapping of Enological Traits in an F2 Interspecific Grapevine Hybrid Family. <i>PLoS ONE</i> , 2016, 11, e0149560.	2.5	40
26	An integrative and applicable phylogenetic footprinting framework for cis-regulatory motifs identification in prokaryotic genomes. <i>BMC Genomics</i> , 2016, 17, 578.	2.8	32
27	A next-generation marker genotyping platform (AmpSeq) in heterozygous crops: a case study for marker-assisted selection in grapevine. <i>Horticulture Research</i> , 2016, 3, 16002.	6.3	90
28	Physiological and molecular characterisation of lucerne (<i>Medicago sativa</i> L.) germplasm with improved seedling freezing tolerance. <i>Crop and Pasture Science</i> , 2016, 67, 655.	1.5	10
29	Toward the elucidation of cytoplasmic diversity in North American grape breeding programs. <i>Molecular Breeding</i> , 2016, 36, 1.	2.1	1
30	Protein identification and quantification from riverbank grape, <i>Vitis riparia</i> : Comparing SDS-PAGE and FASP-GPF techniques for shotgun proteomic analysis. <i>Proteomics</i> , 2015, 15, 3061-3065.	2.2	14
31	Short day transcriptomic programming during induction of dormancy in grapevine. <i>Frontiers in Plant Science</i> , 2015, 6, 834.	3.6	48
32	Genomics and Functional Genomics of Winter Low Temperature Tolerance in Temperate Fruit Crops. <i>Critical Reviews in Plant Sciences</i> , 2014, 33, 125-140.	5.7	18
33	Auxin and cytokinin related gene expression during active shoot growth and latent bud paradormancy in <i>Vitis riparia</i> grapevine. <i>Journal of Plant Physiology</i> , 2012, 169, 643-648.	3.5	14
34	Comparative analysis of grapevine whole-genome gene predictions, functional annotation, categorization and integration of the predicted gene sequences. <i>BMC Research Notes</i> , 2012, 5, 213.	1.4	176
35	Differential floral development and gene expression in grapevines during long and short photoperiods suggests a role for floral genes in dormancy transitioning. <i>Plant Molecular Biology</i> , 2010, 73, 191-205.	3.9	49
36	Proteomic analysis of shoot tissue during photoperiod induced growth cessation in <i>V. riparia</i> Michx. grapevines. <i>Proteome Science</i> , 2010, 8, 44.	1.7	23

#	ARTICLE	IF	CITATIONS
37	Transcript profiling in <i>Vitis riparia</i> during chilling requirement fulfillment reveals coordination of gene expression patterns with optimized bud break. <i>Functional and Integrative Genomics</i> , 2009, 9, 81-96.	3.5	99
38	VitisNet: Omics Integration through Grapevine Molecular Networks. <i>PLoS ONE</i> , 2009, 4, e8365.	2.5	153
39	Mapping of Photoperiod-induced Growth Cessation in the Wild Grape <i>Vitis riparia</i> . <i>Journal of the American Society for Horticultural Science</i> , 2009, 134, 261-272.	1.0	37
40	Oshā (bear root) <i>Ligusticum porteri</i> J.M. Coult. & Rose var. <i>porteri</i> . <i>Native Plants Journal</i> , 2009, 10, 110-118.	0.2	4
41	Fruit Breeding for the Northern Great Plains at the University of Minnesota and South Dakota State University. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006, 41, 25-26.	1.0	6
42	(119) Mycorrhizal Effects on Grape Acclimation. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006, 41, 1068B-1068.	1.0	2
43	Freezing Tolerance and Injury in Grapevines. <i>Journal of Crop Improvement</i> , 2004, 10, 201-235.	1.7	122
44	Dormancy in grape buds: isolation and characterization of catalase cDNA and analysis of its expression following chemical induction of bud dormancy release. <i>Plant Science</i> , 2002, 162, 121-130.	3.6	66
45	Early Acclimation Response in Grapes (VITIS). , 2002, , 93-107.		2
46	Identifying Differential Tissue Response in Grape (<i>Vitis riparia</i>) During Induction of Endodormancy Using Nuclear Magnetic Resonance Imaging. <i>Journal of the American Society for Horticultural Science</i> , 2001, 126, 681-688.	1.0	18
47	Morphological, physiological and dormancy responses of three <i>Vitis</i> genotypes to short photoperiod. <i>Physiologia Plantarum</i> , 2000, 109, 203-210.	5.2	65
48	Systems and Approaches to Studying Dormancy: Introduction to the Workshop. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1999, 34, 1172-1173.	1.0	23
49	Rapid acclimation of root hydraulic conductivity to low temperature. <i>Journal of Experimental Botany</i> , 1998, 49, 879-884.	4.8	78
50	Use of ¹ H-NMR to Determine Grape Bud Water State during the Photoperiodic Induction of Dormancy. <i>Journal of the American Society for Horticultural Science</i> , 1996, 121, 1112-1116.	1.0	16
51	Nuclear Magnetic Resonance Imaging of Grape Buds during the Photoperiodic Induction of Dormancy. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1995, 30, 898D-898.	1.0	1
52	Electroporation and PEG delivery of DNA into maize microspores. <i>Plant Cell Reports</i> , 1992, 11, 567-70.	5.6	56
53	Photoperiod Influences Growth, Bud Dormancy, and Cold Acclimation in <i>Vitis labruscana</i> and <i>V. riparia</i> . <i>Journal of the American Society for Horticultural Science</i> , 1991, 116, 270-273.	1.0	116
54	Influence of air and soil temperature on water relations and freezing tolerance of spinach (<i>Spinacia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.2	16

#	ARTICLE	IF	CITATIONS
55	Influence of air and soil temperature on water relations and freezing tolerance of spinach (<i>Spinacia</i>) Tj ETQq1 1 0.784314 rgBT ₁₀ /Overl	5.2	10
56	Temperature Response of Plasma Membranes in Tuber-Bearing <i>Solanum</i> Species. <i>Plant Physiology</i> , 1986, 80, 470-472.	4.8	6