

Nicholi Vorsa

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,149
citations

394421

19
h-index

454955

30
g-index

39
all docs

39
docs citations

39
times ranked

1349
citing authors

#	ARTICLE	IF	CITATIONS
1	Haplotype-phased genome and evolution of phytonutrient pathways of tetraploid blueberry. <i>GigaScience</i> , 2019, 8, .	6.4	167
2	The American cranberry: first insights into the whole genome of a species adapted to bog habitat. <i>BMC Plant Biology</i> , 2014, 14, 165.	3.6	105
3	The cranberry flavonoids PAC DP-9 and quercetin aglycone induce cytotoxicity and cell cycle arrest and increase cisplatin sensitivity in ovarian cancer cells. <i>International Journal of Oncology</i> , 2015, 46, 1924-1934.	3.3	62
4	Allozyme evidence for genetic autopolyploidy and high genetic diversity in tetraploid cranberry, <i>Vaccinium oxycoccos</i> (Ericaceae). <i>American Journal of Botany</i> , 2000, 87, 1882-1889.	1.7	58
5	Endophytic and pathogenic fungi of developing cranberry ovaries from flower to mature fruit: diversity and succession. <i>Fungal Diversity</i> , 2012, 54, 101-116.	12.3	55
6	Characterization and quantification of flavonoids and organic acids over fruit development in American cranberry (<i>Vaccinium macrocarpon</i>) cultivars using HPLC and APCI-MS/MS. <i>Plant Science</i> , 2017, 262, 91-102.	3.6	48
7	Insights into the Molecular Mechanisms of the Anti-Atherogenic Actions of Flavonoids in Normal and Obese Mice. <i>PLoS ONE</i> , 2011, 6, e24634.	2.5	48
8	The first genetic map of the American cranberry: exploration of synteny conservation and quantitative trait loci. <i>Theoretical and Applied Genetics</i> , 2013, 126, 673-692.	3.6	47
9	The specific degree-of-polymerization of A-type proanthocyanidin oligomers impacts <i>Streptococcus mutans</i> glucan-mediated adhesion and transcriptome responses within biofilms. <i>Biofouling</i> , 2013, 29, 629-640.	2.2	45
10	Exploiting genotyping by sequencing to characterize the genomic structure of the American cranberry through high-density linkage mapping. <i>BMC Genomics</i> , 2016, 17, 451.	2.8	45
11	Cranberry Flavonoids Modulate Cariogenic Properties of Mixed-Species Biofilm through Exopolysaccharides-Matrix Disruption. <i>PLoS ONE</i> , 2015, 10, e0145844.	2.5	44
12	Influence of Degree-of-Polymerization and Linkage on the Quantification of Proanthocyanidins using 4-Dimethylaminocinnamaldehyde (DMAC) Assay. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2190-2199.	5.2	37
13	Construction of a High-Density American Cranberry (<i>Vaccinium macrocarpon</i> Ait.) Composite Map Using Genotyping-by-Sequencing for Multi-pedigree Linkage Mapping. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 1177-1189.	1.8	37
14	Massive phenotyping of multiple cranberry populations reveals novel QTLs for fruit anthocyanin content and other important chemical traits. <i>Molecular Genetics and Genomics</i> , 2018, 293, 1379-1392.	2.1	35
15	Development of a high-density cranberry SSR linkage map for comparative genetic analysis and trait detection. <i>Molecular Breeding</i> , 2015, 35, 1.	2.1	34
16	Alteration of Anthocyanin Glycosylation in Cranberry Through Interspecific Hybridization. <i>Journal of the American Society for Horticultural Science</i> , 2005, 130, 711-715.	1.0	33
17	Genetic Variation in Natural Populations of the Large Cranberry, <i>Vaccinium macrocarpon</i> Ait. (Ericaceae). <i>Bulletin of the Torrey Botanical Club</i> , 1996, 123, 41.	0.6	31
18	Identification and mapping of fruit rot resistance QTL in American cranberry using GBS. <i>Molecular Breeding</i> , 2017, 37, 1.	2.1	29

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19	American Cranberry. , 2012, , 191-223.		28
20	Increased nutrient availability decreases insect resistance in cranberry. <i>Agricultural and Forest Entomology</i> , 2019, 21, 326-335.	1.3	26
21	Urinary Clearance of Cranberry Flavonol Glycosides in Humans. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 7931-7939.	5.2	21
22	Variation of Anthocyanins, Proanthocyanidins, Flavonols, and Organic Acids in Cultivated and Wild Diploid Blueberry Species. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2019, 54, 576-585.	1.0	20
23	A low citric acid trait in cranberry: genetics and molecular mapping of a locus impacting fruit acidity. <i>Tree Genetics and Genomes</i> , 2020, 16, 1.	1.6	15
24	Contrasting a reference cranberry genome to a crop wild relative provides insights into adaptation, domestication, and breeding. <i>PLoS ONE</i> , 2022, 17, e0264966.	2.5	13
25	Tetrad Analysis with Translocation Heterozygotes in Cranberry (<i>Vaccinium Macrocarpon</i> Ait.): Interstitial Chiasma and Directed Segregation of Centromeres. <i>Hereditas</i> , 2004, 129, 75-84.	1.4	11
26	PT19c, Another Nonhypercalcemic Vitamin D2 Derivative, Demonstrates Antitumor Efficacy in Epithelial Ovarian and Endometrial Cancer Models. <i>Genes and Cancer</i> , 2013, 4, 524-534.	1.9	11
27	Admixture Analysis Using Genotyping-by-Sequencing Reveals Genetic Relatedness and Parental Lineage Distribution in Highbush Blueberry Genotypes and Cross Derivatives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 163.	4.1	11
28	Genotyping-by-Sequencing Identifies Historical Breeding Stages of the Recently Domesticated American Cranberry. <i>Frontiers in Plant Science</i> , 2020, 11, 607770.	3.6	11
29	A low malic acid trait in cranberry fruit: genetics, molecular mapping, and interaction with a citric acid locus. <i>Tree Genetics and Genomes</i> , 2021, 17, 1.	1.6	9
30	Cranberry. , 2011, , 41-63.		5
31	Raisin, currant and Thompson Seedless grape phenolic compound characterization using LC-MS/MS with product ion, precursor ion, neutral loss analysis and selected reaction monitoring. <i>FASEB Journal</i> , 2009, 23, 718.3.	0.5	2
32	Detection of cranberry juice flavonols in the plasma of type 2 diabetics.. <i>FASEB Journal</i> , 2008, 22, 701.1.	0.5	0
33	Isolation of cranberry flavonoids and their relative antioxidant activity.. <i>FASEB Journal</i> , 2008, 22, 890.1.	0.5	0
34	Characterization of curry leaf polyphenolics and their antioxidant activity. <i>FASEB Journal</i> , 2009, 23, 718.4.	0.5	0
35	Ability of English and black walnut phenolics to inhibit cupric ion induced LDL oxidation in vitro and following human nut consumption. <i>FASEB Journal</i> , 2009, 23, 901.3.	0.5	0
36	Glycemic response of type 2 diabetics to sweetened dried cranberries. <i>FASEB Journal</i> , 2009, 23, 900.6.	0.5	0

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37	Polyphenolic Content and Antioxidant Capacity of Cranberry Stem and Leaf Extracts. FASEB Journal, 2010, 24, 921.15.	0.5	0