Gabriele Di Gaspero

List of Publications by Year
in descending order

35 papers	6,643 citations	218677 26 h-index	395702 33 g-index
35 all docs	35 docs citations	35 times ranked	7318 citing authors

#	Article	IF	Citations
1	The grapevine genome sequence suggests ancestral hexaploidization in major angiosperm phyla. Nature, 2007, 449, 463-467.	27.8	3,384
2	Water deficits accelerate ripening and induce changes in gene expression regulating flavonoid biosynthesis in grape berries. Planta, 2007, 227, 101-112.	3.2	527
3	Transcriptional regulation of anthocyanin biosynthesis in ripening fruits of grapevine under seasonal water deficit. Plant, Cell and Environment, 2007, 30, 1381-1399.	5.7	476
4	Resistance to Plasmopara viticola in grapevine â€˜Biancaâ€™ is controlled by a major dominant gene causing localised necrosis at the infection site. Theoretical and Applied Genetics, 2009, 120, 163-176.	3.6	212
5	Colour variation in red grapevines (Vitis vinifera L.): genomic organisation, expression of flavonoid 3'-hydroxylase, flavonoid 3',5'-hydroxylase genes and related metabolite profiling of red cyanidin-/blue delphinidin-based anthocyanins in berry skin. BMC Genomics, 2006, 7, 12.	2.8	209
6	Transcriptional control of anthocyanin biosynthetic genes in extreme phenotypes for berry pigmentation of naturally occurring grapevines. BMC Plant Biology, 2007, 7, 46.	3.6	189
7	Breakdown of resistance to grapevine downy mildew upon limited deployment of a resistant variety. BMC Plant Biology, 2010, 10, 147.	3.6	162
8	Historical Introgression of the Downy Mildew Resistance Gene Rpv12 from the Asian Species Vitis amurensis into Grapevine Varieties. PLoS ONE, 2013, 8, e61228.	2.5	134
9	Resistance to Erysiphe necator in the grapevine â€˜Kishmish vatkanaâ€™ is controlled by a single locus through restriction of hyphal growth. Theoretical and Applied Genetics, 2008, 116, 427-438.	3.6	124
10	Selective sweep at the Rpv3 locus during grapevine breeding for downy mildew resistance. Theoretical and Applied Genetics, 2012, 124, 277-286.	3.6	116
11	A set of microsatellite markers with long core repeat optimized for grape (Vitis spp.) genotyping. BMC Plant Biology, 2008, 8, 127.	3.6	104
12	The powdery mildew resistance gene REN1 co-segregates with an NBS-LRR gene cluster in two Central Asian grapevines. BMC Genetics, 2009, 10, 89.	2.7	102
13	Expansion and subfunctionalisation of flavonoid 3',5'-hydroxylases in the grapevine lineage. BMC Genomics, 2010, 11, 562.	2.8	93
14	Isolation of (AC)n-microsatellites in Vitis vinifera L. and analysis of genetic background in grapevines under marker assisted selection. Molecular Breeding, 2005, 15, 11-20.	2.1	78
15	Defence responses in Rpv3-dependent resistance to grapevine downy mildew. Planta, 2011, 234, 1097-1109.	3.2	76
16	Grapevine field experiments reveal the contribution of genotype, the influence of environment and the effect of their interaction (GÃ—E) on the berry transcriptome. Plant Journal, 2018, 93, 1143-1159.	5.7	75
17	A physical map of the heterozygous grapevine 'Cabernet Sauvignon' allows mapping candidate genes for disease resistance. BMC Plant Biology, 2008, 8, 66.	3.6	66
18	Identification of Biomarkers for Defense Response to Plasmopara viticola in a Resistant Grape Variety. Frontiers in Plant Science, 2017, 8, 1524.	3.6	65

#	Article	IF	Citations
19	Expression of flavonoid genes in the red grape berry of â€˜Alicante Bouschetâ€™ varies with the histological distribution of anthocyanins and their chemical composition. Planta, 2012, 236, 1037-1051.	3.2	58
20	Isolation and linkage analysis of expressed disease-resistance gene analogues of sugar beet (Beta) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.0	54
21	Neutral invertases in grapevine and comparative analysis with Arabidopsis, poplar and rice. Planta, 2008, 229, 129-142.	3.2	45
22	The limits and potential of paleogenomic techniques for reconstructing grapevine domestication. Journal of Archaeological Science, 2016, 72, 57-70.	2.4	43
23	The genomes of 204 Vitis vinifera accessions reveal the origin of European wine grapes. Nature Communications, 2021, 12, 7240.	12.8	39
24	Gene duplication and transposition of mobile elements drive evolution of the Rpv3 resistance locus in grapevine. Plant Journal, 2020, 101, 529-542.	5.7	36
25	Alcohol and wine in relation to cancer and other diseases. European Journal of Cancer Prevention, 2012, 21, 103-108.	1.3	35
26	The genetic background modulates the intensity of Rpv3â€dependent downy mildew resistance in grapevine. Plant Breeding, 2018, 137, 220-228.	1.9	30
27	Genetic and Genomic Approaches for Adaptation of Grapevine to Climate Change. , 2020, , 157-270.		26
28	Two-omics data revealed commonalities and differences between Rpv12- and Rpv3-mediated resistance in grapevine. Scientific Reports, 2020, 10, 12193.	3.3	24
29	Genetic, epigenetic and genomic effects on variation of gene expression among grape varieties. Plant Journal, 2019, 99, 895-909.	5.7	19
30	Extent of wildâ€“toâ€“crop interspecific introgression in grapevine (Vitis vinifera) as a consequence of resistance breeding and implications for the crop species definition. Horticulture Research, 2022, 9, .	6.3	15
31	Reduction of heterozygosity (<scp>ROH</scp>) as a method to detect mosaic structural variation. Plant Biotechnology Journal, 2017, 15, 791-793.	8.3	11
32	InDel markers for monitoring the introgression of downy mildew resistance from wild relatives into grape varieties. Molecular Breeding, 2018, 38, 1.	2.1	8
33	Evaluation of sensitivity and specificity in RNA-Seq-based detection of grapevine viral pathogens. Journal of Virological Methods, 2022, 300, 114383.	2.1	6
34	ISOLATION AND CHARACTERISATION OF RESISTANCE GENE ANALOGS (RGAS) IN GRAPE. Acta Horticulturae, 2003, , 419-427.	0.2	2
35	Grapevine genomics and phenotypic diversity of bud sports, varieties and wild relatives. , 2013, , 149-163.		0