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	Evaluation of sensitivity and specificity in RNA-Seq-based detection of grapevine viral pathogens. Journal of Virological Methods, 2022, 300, 114383.	2.1	6
2	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
3	The genomes of 204 Vitis vinifera accessions reveal the origin of European wine grapes. Nature Communications, 2021, 12, 7240.	12.8	39
4	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
5	Two-omics data revealed commonalities and differences between Rpv12- and Rpv3-mediated resistance in grapevine. Scientific Reports, 2020, 10, 12193.	3.3	24
6	Genetic and Genomic Approaches for Adaptation of Grapevine to Climate Change. , 2020, , 157-270.		26
7	Genetic, epigenetic and genomic effects on variation of gene expression among grape varieties. Plant Journal, 2019, 99, 895-909.	5.7	19
8	The genetic background modulates the intensity of Rpv3â€dependent downy mildew resistance in grapevine. Plant Breeding, 2018, 137, 220-228.	1.9	30
9	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
10	InDel markers for monitoring the introgression of downy mildew resistance from wild relatives into grape varieties. Molecular Breeding, 2018, 38, 1.	2.1	8
11	Reduction of heterozygosity (<scp>ROH</scp>) as a method to detect mosaic structural variation. Plant Biotechnology Journal, 2017, 15, 791-793.	8.3	11
12	Identification of Biomarkers for Defense Response to Plasmopara viticola in a Resistant Grape Variety. Frontiers in Plant Science, 2017, 8, 1524.	3.6	65
13	The limits and potential of paleogenomic techniques for reconstructing grapevine domestication. Journal of Archaeological Science, 2016, 72, 57-70.	2.4	43
14	Grapevine genomics and phenotypic diversity of bud sports, varieties and wild relatives. , 2013, , 149-163.		0
15	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
16	Alcohol and wine in relation to cancer and other diseases. European Journal of Cancer Prevention, 2012, 21, 103-108.	1.3	35
17	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
18	Selective sweep at the Rpv3 locus during grapevine breeding for downy mildew resistance. Theoretical and Applied Genetics, 2012, 124, 277-286.	3.6	116

#	Article	IF	Citations
19	Defence responses in Rpv3-dependent resistance to grapevine downy mildew. Planta, 2011, 234, 1097-1109.	3.2	76
20	Expansion and subfunctionalisation of flavonoid 3',5'-hydroxylases in the grapevine lineage. BMC Genomics, 2010, 11, 562.	2.8	93
21	Breakdown of resistance to grapevine downy mildew upon limited deployment of a resistant variety. BMC Plant Biology, 2010, 10, 147.	3.6	162
22	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
23	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
24	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
25	Neutral invertases in grapevine and comparative analysis with Arabidopsis, poplar and rice. Planta, 2008, 229, 129-142.	3.2	45
26	A set of microsatellite markers with long core repeat optimized for grape (Vitis spp.) genotyping. BMC Plant Biology, 2008, 8, 127.	3.6	104
27	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
28	The grapevine genome sequence suggests ancestral hexaploidization in major angiosperm phyla. Nature, 2007, 449, 463-467.	27.8	3,384
29	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
30	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
31	Water deficits accelerate ripening and induce changes in gene expression regulating flavonoid biosynthesis in grape berries. Planta, 2007, 227, 101-112.	3.2	527
32	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
33	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
34	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
35	ISOLATION AND CHARACTERISATION OF RESISTANCE GENE ANALOGS (RGAS) IN GRAPE. Acta Horticulturae, 2003, , 419-427.	0.2	2