Pere Mestre

List of Publications by Year
in descending order

16 papers	1,244 citations	566801 15 h-index	940134 16 g-index
18 all docs	18 docs citations	18 times ranked	1194 citing authors

#	Article	IF	Citations
1	The SWEET family of sugar transporters in grapevine: VvSWEET4 is involved in the interaction with Botrytis cinerea. Journal of Experimental Botany, 2014, 65, 6589-6601.	2.4	214
2	Breakdown of resistance to grapevine downy mildew upon limited deployment of a resistant variety. BMC Plant Biology, 2010, 10, 147.	1.6	162
3	Genetic dissection of a <scp>TIR</scp>â€<scp>NB</scp>â€<scp>LRR</scp> locus from the wild <scp>N</scp>orth <scp>A</scp>merican grapevine species <scp>M</scp>uscadinia rotundifolia identifies paralogous genes conferring resistance to major fungal and oomycete pathogens in cultivated grapevine. Plant Journal, 2013, 76, 661-674.	2.8	152
4	Construction of a reference linkage map of Vitis amurensis and genetic mapping of Rpv8, a locus conferring resistance to grapevine downy mildew. Theoretical and Applied Genetics, 2011, 123, 43-53.	1.8	132
5	Phylogenetic and experimental evidence for hostâ€specialized cryptic species in a biotrophic oomycete. New Phytologist, 2013, 197, 251-263.	3.5	110
6	Breeding for durable resistance to downy and powdery mildew in grapevine. Oeno One, 2018, 52, 203-209.	0.7	86
7	A reference genetic map of Muscadinia rotundifolia and identification of Ren5, a new major locus for resistance to grapevine powdery mildew. Theoretical and Applied Genetics, 2012, 125, 1663-1675.	1.8	74
8	A High-Quality Grapevine Downy Mildew Genome Assembly Reveals Rapidly Evolving and Lineage-Specific Putative Host Adaptation Genes. Genome Biology and Evolution, 2019, 11, 954-969.	1.1	61
9	Identification of effector genes from the phytopathogenic Oomycete Plasmopara viticola through the analysis of gene expression in germinated zoospores. Fungal Biology, 2012, 116, 825-835.	1.1	52
10	Geographic Distribution of Cryptic Species of Plasmopara viticola Causing Downy Mildew on Wild and Cultivated Grape in Eastern North America. Phytopathology, 2014, 104, 692-701.	1.1	51
11	Draft Genome Sequence of Plasmopara viticola , the Grapevine Downy Mildew Pathogen. Genome Announcements, 2016, 4, .	0.8	29
12	Identification of a Vitis vinifera endoâ€Î²â€1,3â€glucanase with antimicrobial activity against Plasmopara viticola. Molecular Plant Pathology, 2017, 18, 708-719.	2.0	28
13	A secreted WY-domain-containing protein present in European isolates of the oomycete Plasmopara viticola induces cell death in grapevine and tobacco species. PLoS ONE, 2019, 14, e0220184.	1.1	25
14	Identification of the First Oomycete Mating-type Locus Sequence in the Grapevine Downy Mildew Pathogen, Plasmopara viticola. Current Biology, 2020, 30, 3897-3907.e4.	1.8	23
15	Overexpression of the VvSWEET4 Transporter in Grapevine Hairy Roots Increases Sugar Transport and Contents and Enhances Resistance to Pythium irregulare, a Soilborne Pathogen. Frontiers in Plant Science, 2019, 10, 884.	1.7	22
16	Introgression reshapes recombination distribution in grapevine interspecific hybrids. Theoretical and Applied Genetics, 2019, 132, 1073-1087.	1.8	19