

Pere Mestre

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,244
citations

567281

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940533

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18
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docs citations

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times ranked

1194
citing authors

#	ARTICLE	IF	CITATIONS
1	The SWEET family of sugar transporters in grapevine: VvSWEET4 is involved in the interaction with <i>Botrytis cinerea</i> . <i>Journal of Experimental Botany</i> , 2014, 65, 6589-6601.	4.8	214
2	Breakdown of resistance to grapevine downy mildew upon limited deployment of a resistant variety. <i>BMC Plant Biology</i> , 2010, 10, 147.	3.6	162
3	Genetic dissection of a <i>TIR-NB-LRR</i> locus from the wild <i>North American</i> grapevine species <i>Muscadinia rotundifolia</i> identifies paralogous genes conferring resistance to major fungal and oomycete pathogens in cultivated grapevine. <i>Plant Journal</i> , 2013, 76, 661-674.	5.7	152
4	Construction of a reference linkage map of <i>Vitis amurensis</i> and genetic mapping of Rpv8, a locus conferring resistance to grapevine downy mildew. <i>Theoretical and Applied Genetics</i> , 2011, 123, 43-53.	3.6	132
5	Phylogenetic and experimental evidence for host-specialized cryptic species in a biotrophic oomycete. <i>New Phytologist</i> , 2013, 197, 251-263.	7.3	110
6	Breeding for durable resistance to downy and powdery mildew in grapevine. <i>Oeno One</i> , 2018, 52, 203-209.	1.4	86
7	A reference genetic map of <i>Muscadinia rotundifolia</i> and identification of Ren5, a new major locus for resistance to grapevine powdery mildew. <i>Theoretical and Applied Genetics</i> , 2012, 125, 1663-1675.	3.6	74
8	A High-Quality Grapevine Downy Mildew Genome Assembly Reveals Rapidly Evolving and Lineage-Specific Putative Host Adaptation Genes. <i>Genome Biology and Evolution</i> , 2019, 11, 954-969.	2.5	61
9	Identification of effector genes from the phytopathogenic Oomycete <i>Plasmopara viticola</i> through the analysis of gene expression in germinated zoospores. <i>Fungal Biology</i> , 2012, 116, 825-835.	2.5	52
10	Geographic Distribution of Cryptic Species of <i>Plasmopara viticola</i> Causing Downy Mildew on Wild and Cultivated Grape in Eastern North America. <i>Phytopathology</i> , 2014, 104, 692-701.	2.2	51
11	Draft Genome Sequence of <i>Plasmopara viticola</i> , the Grapevine Downy Mildew Pathogen. <i>Genome Announcements</i> , 2016, 4, .	0.8	29
12	Identification of a <i>Vitis vinifera</i> endo- β -1,3-glucanase with antimicrobial activity against <i>Plasmopara viticola</i> . <i>Molecular Plant Pathology</i> , 2017, 18, 708-719.	4.2	28
13	A secreted WY-domain-containing protein present in European isolates of the oomycete <i>Plasmopara viticola</i> induces cell death in grapevine and tobacco species. <i>PLoS ONE</i> , 2019, 14, e0220184.	2.5	25
14	Identification of the First Oomycete Mating-type Locus Sequence in the Grapevine Downy Mildew Pathogen, <i>Plasmopara viticola</i> . <i>Current Biology</i> , 2020, 30, 3897-3907.e4.	3.9	23
15	Overexpression of the VvSWEET4 Transporter in Grapevine Hairy Roots Increases Sugar Transport and Contents and Enhances Resistance to <i>Pythium irregulare</i> , a Soilborne Pathogen. <i>Frontiers in Plant Science</i> , 2019, 10, 884.	3.6	22
16	Introgression reshapes recombination distribution in grapevine interspecific hybrids. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1073-1087.	3.6	19