Nathalie Ollat

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5354874/publications.pdf

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22	1,646	516710 16	713466 21
papers	citations	h-index	g-index

27	27	27	1786
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	A correlative light electron microscopy approach reveals plasmodesmata ultrastructure at the graft interface. Plant Physiology, 2022, 188, 44-55.	4.8	19
2	Evidence of Sexual Reproduction Events in the Dagger Nematode Xiphinema index in Grapevine Resistance Experiments Under Controlled Conditions. Plant Disease, 2021, 105, 2664-2669.	1.4	1
3	Behind the curtain of the compartmentalization process: Exploring how xylem vessel diameter impacts vascular pathogen resistance. Plant, Cell and Environment, 2020, 43, 2782-2796.	5.7	21
4	Characterization of genetic determinants of the resistance to phylloxera, Daktulosphaira vitifoliae, and the dagger nematode Xiphinema index from muscadine background. BMC Plant Biology, 2020, 20, 213.	3.6	24
5	Genetic and Genomic Approaches for Adaptation of Grapevine to Climate Change. , 2020, , 157-270.		26
6	The Impact of Possible Decadal-Scale Cold Waves on Viticulture over Europe in a Context of Global Warming. Agronomy, 2019, 9, 397.	3.0	16
7	An Update on the Impact of Climate Change in Viticulture and Potential Adaptations. Agronomy, 2019, 9, 514.	3.0	232
8	Merging genotypes: graft union formation and scionâ€“rootstock interactions. Journal of Experimental Botany, 2019, 70, 747-755.	4.8	93
9	Drought will not leave your glass empty: Low risk of hydraulic failure revealed by long-term drought observations in worldâ€™s top wine regions. Science Advances, 2018, 4, eaao6969.	10.3	107
10	Dissecting the rootstock control of scion transpiration using model-assisted analyses in grapevine. Tree Physiology, 2018, 38, 1026-1040.	3.1	44
11	The risk of tardive frost damage in French vineyards in a changing climate. Agricultural and Forest Meteorology, 2018, 250-251, 226-242.	4.8	59
12	Genetic architecture of aerial and root traits in field-grown grafted grapevines is largely independent. Theoretical and Applied Genetics, 2018, 131, 903-915.	3.6	19
13	Potential contribution of strigolactones in regulating scion growth and branching in grafted grapevine in response to nitrogen availability. Journal of Experimental Botany, 2018, 69, 4099-4112.	4.8	22
14	The challenging issue of climate change for sustainable grape and wine production. Oeno One, 2017, 51, 59-60.	1.4	20
15	Climate Change Impacts and Adaptations: New Challenges for the Wine Industry. Journal of Wine Economics, 2016, 11, 139-149.	0.8	55
16	Mapping genetic loci for tolerance to lime-induced iron deficiency chlorosis in grapevine rootstocks (Vitis sp.). Theoretical and Applied Genetics, 2013, 126, 451-473.	3.6	40
17	Graft union formation in grapevine induces transcriptional changes related to cell wall modification, wounding, hormone signalling, and secondary metabolism. Journal of Experimental Botany, 2013, 64, 2997-3008.	4.8	133
18	Why climate change will not dramatically decrease viticultural suitability in main wine-producing areas by 2050. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3051-2.	7.1	109

#	Article	IF	Citations
19	Rootstock control of scion transpiration and its acclimation to water deficit are controlled by different genes. New Phytologist, 2012, 194, 416-429.	7.3	162
20	Ecophysiological, Genetic, and Molecular Causes of Variation in Grape Berry Weight and Composition: A Review. American Journal of Enology and Viticulture, 2011, 62, 413-425.	1.7	205
21	Genetic dissection of sex determinism, inflorescence morphology and downy mildew resistance in grapevine. Theoretical and Applied Genetics, 2009, 118, 1261-1278.	3.6	192
22	Organic Acid Metabolism in Roots of Various Grapevine (Vitis) Rootstocks Submitted to Iron Deficiency and Bicarbonate Nutrition. Journal of Plant Nutrition, 2003, 26, 2165-2176.	1.9	47