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List of Publications by Year
in descending order

31 papers	1,266 citations	361413 20 h-index	434195 31 g-index
33 all docs	33 docs citations	33 times ranked	1719 citing authors

#	Article	IF	Citations
1	Grapevine Phenology in Four Portuguese Wine Regions: Modeling and Predictions. Applied Sciences (Switzerland), 2020, 10, 3708.	2.5	25
2	Phenological Model Intercomparison for Estimating Grapevine Budbreak Date (Vitis vinifera L.) in Europe. Applied Sciences (Switzerland), 2020, 10, 3800.	2.5	20
3	Using Rapid Chlorophyll Fluorescence Transients to Classify Vitis Genotypes. Plants, 2020, 9, 174.	3.5	10
4	Label free DNA-based optical biosensor as a potential system for wine authenticity. Food Chemistry, 2019, 270, 299-304.	8.2	34
5	Grapevine variety identification using â€œBig Dataâ€•collected with miniaturized spectrometer combined with support vector machines and convolutional neural networks. Computers and Electronics in Agriculture, 2019, 163, 104855.	7.7	24
6	Gallic acid, sinapic acid and catechin as potential chemical markers of Vitis graft success. Scientia Horticulturae, 2019, 246, 129-135.	3.6	20
7	Vitisflower types: from the wild to crop plants. PeerJ, 2019, 7, e7879.	2.0	10
8	Predicting the flowering date of Portuguese grapevine varieties using temperature-based phenological models: a multi-site approach. Journal of Agricultural Science, 2018, 156, 865-876.	1.3	10
9	Assessment of grapevine variety discrimination using stem hyperspectral data and AdaBoost of random weight neural networks. Applied Soft Computing Journal, 2018, 72, 140-155.	7.2	13
10	High Resolution Melting (HRM) applied to wine authenticity. Food Chemistry, 2017, 216, 80-86.	8.2	46
11	Characterisation of the Portuguese grapevine germplasm with 48 single-nucleotide polymorphisms. Australian Journal of Grape and Wine Research, 2016, 22, 504-516.	2.1	21
12	Statistical modelling of grapevine phenology in Portuguese wine regions: observed trends and climate change projections. Journal of Agricultural Science, 2016, 154, 795-811.	1.3	93
13	Graft compatibility of Vitis spp.: the role of phenolic acids and flavanols. Scientia Horticulturae, 2016, 207, 140-145.	3.6	34
14	Winegrape phenology and temperature relationships in the Lisbon wine region, Portugal. Oeno One, 2016, 47, 287.	1.4	26
15	Wine fingerprinting using a bio-geochemical approach. BIO Web of Conferences, 2015, 5, 02021.	0.2	9
16	Identity, synonymies and homonynies of minor grapevine cultivars maintained in the portuguese ampelographic collection. Ciencia E Tecnica Vitivinicola, 2015, 30, 43-52.	0.9	3
17	Modeling Phenology, Water Status, and Yield Components of Three Portuguese Grapevines Using the STICS Crop Model. American Journal of Enology and Viticulture, 2015, 66, 482-491.	1.7	45
18	Phenolic Compounds Involved in Grafting Incompatibility of Vitis spp: Development and Validation of an Analytical Method for their Quantification. Phytochemical Analysis, 2015, 26, 1-7.	2.4	32

#	Article	IF	Citations
19	The First Insight into the Metabolite Profiling of Grapes from Three Vitis vinifera L. Cultivars of Two Controlled Appellation (DOC) Regions. International Journal of Molecular Sciences, 2014, 15, 4237-4254.	4.1	37
20	Examining the relationship between the Enhanced Vegetation Index and grapevine phenology. European Journal of Remote Sensing, 2014, 47, 753-771.	3.5	37
21	Molecular data mining to improve antibody-based detection of Grapevine leafroll-associated virus 1 (GLRaV-1). Journal of Virological Methods, 2013, 194, 258-270.	2.1	20
22	Berry Phenolics of Grapevine under Challenging Environments. International Journal of Molecular Sciences, 2013, 14, 18711-18739.	4.1	373
23	Identification by SNP Analysis of a Major Role for Cayetana Blanca in the Genetic Network of Iberian Peninsula Grapevine Varieties. American Journal of Enology and Viticulture, 2012, 63, 121-126.	1.7	16
24	Occurrence of grapevine leafroll-associated virus 5 in Portugal: genetic variability and population structure in field-grown grapevines. Archives of Virology, 2012, 157, 1747-1765.	2.1	18
25	Molecular Markers for Assessing Must Varietal Origin. Food Analytical Methods, 2012, 5, 1252-1259.	2.6	22
26	A Candidate-Gene Association Study for Berry Colour and Anthocyanin Content in Vitis vinifera L.. PLoS ONE, 2012, 7, e46021.	2.5	35
27	Five phylogenetic groups identified in the coat protein gene of grapevine leafroll-associated virus 3 obtained from Portuguese grapevine varieties. Archives of Virology, 2011, 156, 413-420.	2.1	36
28	Portuguese traditional grapevine cultivars and wild vines (Vitis vinifera L.) share morphological and genetic traits. Genetic Resources and Crop Evolution, 2009, 56, 975-989.	1.6	44
29	New insights on the genetic basis of Portuguese grapevine and on grapevine domestication. Genome, 2009, 52, 790-800.	2.0	47
30	Characterization of Portuguese populations of Vitis vinifera L. ssp. sylvestris (Gmelin) Hegi. Genetic Resources and Crop Evolution, 2007, 54, 981-988.	1.6	43
31	Detection and identification of grape varieties in must and wine using nuclear and chloroplast microsatellite markers. Analytica Chimica Acta, 2006, 563, 283-291.	5.4	58