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List of Publications by Year in descending order

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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	Berry Phenolics of Grapevine under Challenging Environments. <i>International Journal of Molecular Sciences</i> , 2013, 14, 18711-18739.	4.1	373
2	Statistical modelling of grapevine phenology in Portuguese wine regions: observed trends and climate change projections. <i>Journal of Agricultural Science</i> , 2016, 154, 795-811.	1.3	93
3	Detection and identification of grape varieties in must and wine using nuclear and chloroplast microsatellite markers. <i>Analytica Chimica Acta</i> , 2006, 563, 283-291.	5.4	58
4	New insights on the genetic basis of Portuguese grapevine and on grapevine domestication. <i>Genome</i> , 2009, 52, 790-800.	2.0	47
5	High Resolution Melting (HRM) applied to wine authenticity. <i>Food Chemistry</i> , 2017, 216, 80-86.	8.2	46
6	Modeling Phenology, Water Status, and Yield Components of Three Portuguese Grapevines Using the STICS Crop Model. <i>American Journal of Enology and Viticulture</i> , 2015, 66, 482-491.	1.7	45
7	Portuguese traditional grapevine cultivars and wild vines (<i>Vitis vinifera</i> L.) share morphological and genetic traits. <i>Genetic Resources and Crop Evolution</i> , 2009, 56, 975-989.	1.6	44
8	Characterization of Portuguese populations of <i>Vitis vinifera</i> L. ssp. <i>sylvestris</i> (Gmelin) Hegi. <i>Genetic Resources and Crop Evolution</i> , 2007, 54, 981-988.	1.6	43
9	The First Insight into the Metabolite Profiling of Grapes from Three <i>Vitis vinifera</i> L. Cultivars of Two Controlled Appellation (DOC) Regions. <i>International Journal of Molecular Sciences</i> , 2014, 15, 4237-4254.	4.1	37
10	Examining the relationship between the Enhanced Vegetation Index and grapevine phenology. <i>European Journal of Remote Sensing</i> , 2014, 47, 753-771.	3.5	37
11	Five phylogenetic groups identified in the coat protein gene of grapevine leafroll-associated virus 3 obtained from Portuguese grapevine varieties. <i>Archives of Virology</i> , 2011, 156, 413-420.	2.1	36
12	A Candidate-Gene Association Study for Berry Colour and Anthocyanin Content in <i>Vitis vinifera</i> L.. <i>PLoS ONE</i> , 2012, 7, e46021.	2.5	35
13	Graft compatibility of <i>Vitis</i> spp.: the role of phenolic acids and flavanols. <i>Scientia Horticulturae</i> , 2016, 207, 140-145.	3.6	34
14	Label free DNA-based optical biosensor as a potential system for wine authenticity. <i>Food Chemistry</i> , 2019, 270, 299-304.	8.2	34
15	Phenolic Compounds Involved in Grafting Incompatibility of <i>Vitis</i> spp: Development and Validation of an Analytical Method for their Quantification. <i>Phytochemical Analysis</i> , 2015, 26, 1-7.	2.4	32
16	Winegrape phenology and temperature relationships in the Lisbon wine region, Portugal. <i>Oeno One</i> , 2016, 47, 287.	1.4	26
17	Grapevine Phenology in Four Portuguese Wine Regions: Modeling and Predictions. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3708.	2.5	25
18	Grapevine variety identification using "Big Data" collected with miniaturized spectrometer combined with support vector machines and convolutional neural networks. <i>Computers and Electronics in Agriculture</i> , 2019, 163, 104855.	7.7	24

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19	Molecular Markers for Assessing Must Varietal Origin. <i>Food Analytical Methods</i> , 2012, 5, 1252-1259.	2.6	22
20	Characterisation of the Portuguese grapevine germplasm with 48 single-nucleotide polymorphisms. <i>Australian Journal of Grape and Wine Research</i> , 2016, 22, 504-516.	2.1	21
21	Molecular data mining to improve antibody-based detection of Grapevine leafroll-associated virus 1 (GLRaV-1). <i>Journal of Virological Methods</i> , 2013, 194, 258-270.	2.1	20
22	Gallic acid, sinapic acid and catechin as potential chemical markers of <i>Vitis</i> graft success. <i>Scientia Horticulturae</i> , 2019, 246, 129-135.	3.6	20
23	Phenological Model Intercomparison for Estimating Grapevine Budbreak Date (<i>Vitis vinifera</i> L.) in Europe. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3800.	2.5	20
24	Occurrence of grapevine leafroll-associated virus 5 in Portugal: genetic variability and population structure in field-grown grapevines. <i>Archives of Virology</i> , 2012, 157, 1747-1765.	2.1	18
25	Identification by SNP Analysis of a Major Role for Cayetana Blanca in the Genetic Network of Iberian Peninsula Grapevine Varieties. <i>American Journal of Enology and Viticulture</i> , 2012, 63, 121-126.	1.7	16
26	Assessment of grapevine variety discrimination using stem hyperspectral data and AdaBoost of random weight neural networks. <i>Applied Soft Computing Journal</i> , 2018, 72, 140-155.	7.2	13
27	Predicting the flowering date of Portuguese grapevine varieties using temperature-based phenological models: a multi-site approach. <i>Journal of Agricultural Science</i> , 2018, 156, 865-876.	1.3	10
28	Using Rapid Chlorophyll Fluorescence Transients to Classify <i>Vitis</i> Genotypes. <i>Plants</i> , 2020, 9, 174.	3.5	10
29	<i>Vitis</i> flower types: from the wild to crop plants. <i>PeerJ</i> , 2019, 7, e7879.	2.0	10
30	Wine fingerprinting using a bio-geochemical approach. <i>BIO Web of Conferences</i> , 2015, 5, 02021.	0.2	9
31	Identity, synonymies and homonymies of minor grapevine cultivars maintained in the portuguese ampelographic collection. <i>Ciencia E Tecnica Vitivinicola</i> , 2015, 30, 43-52.	0.9	3