

JosÃ© B. Royo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Sampling Stratification Using Aerial Imagery to Estimate Fruit Load in Peach Tree Orchards. Agriculture (Switzerland), 2018, 8, 78.	1.4	14
2	Relevance of sink-size estimation for within-field zone delineation in vineyards. Precision Agriculture, 2017, 18, 133-144.	3.1	13
3	Monitoring Water Status of Grapevine by Means of THz Waves. Journal of Infrared, Millimeter, and Terahertz Waves, 2016, 37, 507-513.	1.2	21
4	Interest of carbon isotope ratio ($\delta^{13}C$) as a modelling tool of grapevine yield, berry size and sugar content at within-field, winegrowing domain and regional scale. Theoretical and Experimental Plant Physiology, 2016, 28, 193-203.	1.1	4
5	Application of the measurement of the natural abundance of stable isotopes in viticulture: a review. Australian Journal of Grape and Wine Research, 2015, 21, 157-167.	1.0	53
6	Evaluating the Influence of the Microsatellite Marker Set on the Genetic Structure Inferred in <i>Pyrus communis</i> L.. PLoS ONE, 2015, 10, e0138417.	1.1	34
7	Terahertz time domain spectroscopy allows contactless monitoring of grapevine water status. Frontiers in Plant Science, 2015, 6, 404.	1.7	25
8	Recovery and identification of grapevine varieties cultivated in old vineyards from Navarre (Northeastern Spain). Scientia Horticulturae, 2015, 191, 65-73.	1.7	12
9	Oenological significance of vineyard management zones delineated using early grape sampling. Precision Agriculture, 2014, 15, 111-129.	3.1	37
10	Are precision agriculture tools and methods relevant at the whole-vineyard scale?. Precision Agriculture, 2013, 14, 2-17.	3.1	67
11	Evaluation and fitting of models for determining peach phenological stages at a regional scale. Agricultural and Forest Meteorology, 2013, 178-179, 129-139.	1.9	34
12	Influence of the freezing method on the changes that occur in grape samples after frozen storage. Journal of the Science of Food and Agriculture, 2013, 93, 3010-3015.	1.7	6
13	Genetic diversity and structure of local apple cultivars from Northeastern Spain assessed by microsatellite markers. Tree Genetics and Genomes, 2012, 8, 1163-1180.	0.6	89
14	Carbon isotope ratio of whole berries as an estimator of plant water status in grapevine (<i>Vitis</i>). Journal of Agricultural Science, 2011, 151, 107-111.	1.7	16
15	Variety and storage time affect the compositional changes that occur in grape samples after frozen storage. Australian Journal of Grape and Wine Research, 2011, 17, 162-168.	1.0	16
16	Regulated deficit irrigation effects on growth, yield, grape quality and individual anthocyanin composition in <i>Vitis vinifera</i> L. cv. "Tempranillo". Agricultural Water Management, 2011, 98, 1171-1179.	2.4	147
17	Suitability of pre-dawn and stem water potential as indicators of vineyard water status in cv. Tempranillo. Australian Journal of Grape and Wine Research, 2011, 17, 43-51.	1.0	26
18	Genetic Diversity and Structure in a Collection of Ancient Spanish Pear Cultivars Assessed by Microsatellite Markers. Journal of the American Society for Horticultural Science, 2010, 135, 428-437.	0.5	49

#	ARTICLE	IF	CITATIONS
19	Effect of water deficit and rewatering on leaf gas exchange and transpiration decline of excised leaves of four grapevine (<i>Vitis vinifera</i> L.) cultivars. <i>Scientia Horticulturae</i> , 2009, 121, 434-439.	1.7	44
20	Water status, leaf area and fruit load influence on berry weight and sugar accumulation of cv. "Tempranillo"™ under semiarid conditions. <i>Scientia Horticulturae</i> , 2006, 109, 60-65.	1.7	67
21	Evaluation of the discriminance capacity of RAPD, isoenzymes and morphologic markers in apple (<i>Malus x domestica</i> Borkh.) and the congruence among classifications. <i>Genetic Resources and Crop Evolution</i> , 2004, 51, 153-160.	0.8	20
22	Isoenzymatic variability in an apple germplasm bank. <i>Genetic Resources and Crop Evolution</i> , 2003, 50, 391-400.	0.8	10
23	The use of isoenzymes in characterization of grapevines (<i>Vitis vinifera</i> , L.). Influence of the environment and time of sampling. <i>Scientia Horticulturae</i> , 1997, 69, 145-155.	1.7	23