JosÃ© B. Royo

List of Publications by Year
in descending order

23	837	566801 15	610482 24
papers	citations	h-index	g-index

25	25	25	967
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Regulated deficit irrigation effects on growth, yield, grape quality and individual anthocyanin composition in Vitis vinifera L. cv. â€˜Tempranilloâ€™. Agricultural Water Management, 2011, 98, 1171-1179.	2.4	147
2	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
3	Water status, leaf area and fruit load influence on berry weight and sugar accumulation of cv. â€˜Tempranilloâ€™ under semiarid conditions. Scientia Horticulturae, 2006, 109, 60-65.	1.7	67
4	Are precision agriculture tools and methods relevant at the whole-vineyard scale?. Precision Agriculture, 2013, 14, 2-17.	3.1	67
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	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
7	Effect of water deficit and rewatering on leaf gas exchange and transpiration decline of excised leaves of four grapevine (Vitis vinifera L.) cultivars. Scientia Horticulturae, 2009, 121, 434-439.	1.7	44
8	Oenological significance of vineyard management zones delineated using early grape sampling. Precision Agriculture, 2014, 15, 111-129.	3.1	37
9	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
10	Evaluating the Influence of the Microsatellite Marker Set on the Genetic Structure Inferred in Pyrus communis L.. PLoS ONE, 2015, 10, e0138417.	1.1	34
11	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
12	Terahertz time domain spectroscopy allows contactless monitoring of grapevine water status. Frontiers in Plant Science, 2015, 6, 404.	1.7	25
13	The use of isoenzymes in characterization of grapevines (Vitis vinifera, L.). Influence of the environment and time of sampling. Scientia Horticulturae, 1997, 69, 145-155.	1.7	23
14	Monitoring Water Status of Grapevine by Means of THz Waves. Journal of Infrared, Millimeter, and Terahertz Waves, 2016, 37, 507-513.	1.2	21
15	Evaluation of the discriminance capacity of RAPD, isoenzymes and morphologic markers in apple (Malus x domestica Borkh.) and the congruence among classifications. Genetic Resources and Crop Evolution, 2004, 51, 153-160.	0.8	20
16	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
17	Carbon isotope ratio of whole berries as an estimator of plant water status in grapevine (Vitis) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.7	16
18	Sampling Stratification Using Aerial Imagery to Estimate Fruit Load in Peach Tree Orchards. Agriculture (Switzerland), 2018, 8, 78.	1.4	14

#	Article	IF	Citations
19	Relevance of sink-size estimation for within-field zone delineation in vineyards. Precision Agriculture, 2017, 18, 133-144.	3.1	13
20	Recovery and identification of grapevine varieties cultivated in old vineyards from Navarre (Northeastern Spain). Scientia Horticulturae, 2015, 191, 65-73.	1.7	12
21	Isoenzymatic variability in an apple germplasm bank. Genetic Resources and Crop Evolution, 2003, 50, 391-400.	0.8	10
22	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
23	Interest of carbon isotope ratio (Î´13C) 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