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List of Publications by Year in descending order

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89
papers

1,439
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331538

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90
docs citations

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times ranked

1533
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Must Clarification Technique on the Volatile Composition of AlbariÃ±o and Treixadura Wines. <i>Molecules</i> , 2022, 27, 810.	1.7	0
2	Water Management in Woody Crops: Challenges and Opportunities. <i>Water (Switzerland)</i> , 2022, 14, 2043.	1.2	0
3	Soil management in semi-arid vineyards: Combined effects of organic mulching and no-tillage under different water regimes. <i>European Journal of Agronomy</i> , 2021, 123, 126198.	1.9	27
4	Challenges of viticulture adaptation to global change: tackling the issue from the roots. <i>Australian Journal of Grape and Wine Research</i> , 2021, 27, 8-25.	1.0	46
5	Short communication: Sublethal effects of insecticides used in strawberry on <i>Trichogramma pretiosum</i> (Hymenoptera: Trichogrammatidae). <i>Spanish Journal of Agricultural Research</i> , 2021, 19, e10SC01.	0.3	2
6	Optimization of Vineyard Water Management: Challenges, Strategies, and Perspectives. <i>Water (Switzerland)</i> , 2021, 13, 746.	1.2	49
7	Decision support system and weather forecast data for modeling open field vegetable crops evapotranspiration. <i>Acta Horticulturae</i> , 2021, , 361-366.	0.1	1
8	Long-Term Concentrations and Loads of Four Dissolved Macronutrients from Two Agroforestry Catchments in NW Spain. <i>Hydrology</i> , 2021, 8, 96.	1.3	1
9	Mapping vineyard vigor using airborne remote sensing: relations with yield, berry composition and sanitary status under humid climate conditions. <i>Precision Agriculture</i> , 2020, 21, 178-197.	3.1	29
10	Compatibility between Entomopathogenic Fungi and Egg Parasitoids (Trichogrammatidae): A Laboratory Study for Their Combined Use to Control <i>Duponchelia fovealis</i> . <i>Insects</i> , 2020, 11, 630.	1.0	11
11	Infection of <i>Beauveria bassiana</i> and <i>Cordyceps javanica</i> on different immature stages of <i>Duponchelia fovealis</i> Zeller (Lepidoptera: Crambidae). <i>Crop Protection</i> , 2020, 138, 105347.	1.0	12
12	Effects of leaning grapevine canopy to the West on water use efficiency and yield under Mediterranean conditions. <i>Agricultural and Forest Meteorology</i> , 2020, 295, 108166.	1.9	7
13	Chemical composition and sensory properties of AlbariÃ±o wine: Fertigation effects. <i>Food Research International</i> , 2020, 137, 109533.	2.9	2
14	Row orientation effects on potted-vines performance and water-use efficiency. <i>Agricultural and Forest Meteorology</i> , 2020, 294, 108148.	1.9	9
15	Evolution of the Aroma of Treixadura Wines during Bottle Aging. <i>Foods</i> , 2020, 9, 1419.	1.9	12
16	Assessing the effects of water stress on peach fruit quality and size using the QualiTree model. <i>Acta Horticulturae</i> , 2020, , 539-546.	0.1	2
17	Zoning of a Newly-Planted Vineyard: Spatial Variability of Physico-Chemical Soil Properties. <i>Soil Systems</i> , 2020, 4, 62.	1.0	12
18	Amino Acid Profiles to Differentiate White Wines from Three Autochthonous Galician Varieties. <i>Foods</i> , 2020, 9, 114.	1.9	19

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19	Agronomic Practices for Reducing Soil Erosion in Hillside Vineyards under Atlantic Climatic Conditions (Galicia, Spain). <i>Soil Systems</i> , 2020, 4, 19.	1.0	15
20	Irrigation effects on the volatile composition and sensory profile of Albariño wines from two different terroirs. <i>European Food Research and Technology</i> , 2019, 245, 2157-2171.	1.6	8
21	A Novel ArcGIS Toolbox for Estimating Crop Water Demands by Integrating the Dual Crop Coefficient Approach with Multi-Satellite Imagery. <i>Water (Switzerland)</i> , 2019, 11, 38.	1.2	20
22	Coupling epidemiological and tree growth models to control fungal diseases spread in fruit orchards. <i>Scientific Reports</i> , 2019, 9, 8519.	1.6	9
23	Effects of Two Different Irrigation Systems on the Amino Acid Concentrations, Volatile Composition and Sensory Profiles of Godello Musts and Wines. <i>Foods</i> , 2019, 8, 135.	1.9	10
24	Discrimination ability of leaf and stem water potential at different times of the day through a meta-analysis in grapevine (<i>Vitis vinifera</i> L.). <i>Agricultural Water Management</i> , 2019, 221, 202-210.	2.4	40
25	Water Management Using Drones and Satellites in Agriculture. <i>Water (Switzerland)</i> , 2019, 11, 874.	1.2	29
26	Unravelling the effects of berry size on "Tempranillo" grapes under different field practices. <i>Ciencia E Técnica Vitivinícola</i> , 2019, 34, 1-14.	0.3	8
27	Irrigation-Advisor" A Decision Support System for Irrigation of Vegetable Crops. <i>Water (Switzerland)</i> , 2019, 11, 2245.	1.2	19
28	Seasonal variation of macro and micronutrients in blades and petioles of <i>Vitis vinifera</i> L. cv. Mencía and Sousão. <i>Journal of Plant Nutrition and Soil Science</i> , 2018, 181, 498-515.	1.1	3
29	Effects of irrigation over three years on the amino acid composition of Albariño (<i>Vitis vinifera</i> L) musts and wines in two different terroirs. <i>Scientia Horticulturae</i> , 2018, 227, 313-325.	1.7	21
30	Effects of irrigation over three years on the amino acid composition of Treixadura (<i>Vitis vinifera</i> L) musts and wines, and on the aromatic composition and sensory profiles of its wines. <i>Food Chemistry</i> , 2018, 240, 707-716.	4.2	45
31	Editorial: Agroecosystems Facing Global Climate Change: The Search for Sustainability. <i>Frontiers in Environmental Science</i> , 2018, 6, .	1.5	2
32	Influence of Soil Management on the Red Grapevine (<i>Vitis vinifera</i> L.) Mencía Must Amino Acid Composition and Wine Volatile and Sensory Profiles in a Humid Region. <i>Beverages</i> , 2018, 4, 76.	1.3	15
33	Modeling grapevine performance with "VitiSim", a weather-based carbon balance model: Water status and climate change scenarios. <i>Scientia Horticulturae</i> , 2018, 240, 561-571.	1.7	12
34	Disentangling the Effects of Water Stress on Carbon Acquisition, Vegetative Growth, and Fruit Quality of Peach Trees by Means of the QualiTree Model. <i>Frontiers in Plant Science</i> , 2018, 9, 3.	1.7	35
35	Influence of supplementary irrigation on the amino acid and volatile composition of Godello wines from the Ribeiro Designation of Origin. <i>Food Research International</i> , 2018, 111, 715-723.	2.9	21
36	Effects of post-bloom low light and girdling on fruit set of <i>Vitis vinifera</i> (L.) cv. "Riesling" and <i>Vitis labruscana</i> (L.) cv. "Concord". <i>Oeno One</i> , 2018, 52, .	0.7	2

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37	Influence of irrigation on consumer acceptability of Albariño and Godello wines. <i>LWT - Food Science and Technology</i> , 2017, 85, 345-352.	2.5	6
38	Estimating soil organic matter using interpolation methods with a electromagnetic induction sensor and topographic parameters: a case study in a humid region. <i>Precision Agriculture</i> , 2017, 18, 882-897.	3.1	14
39	Mapping Soil Texture Using Geostatistical Interpolation Combined With Electromagnetic Induction Measurements. <i>Soil Science</i> , 2017, 182, 278-284.	0.9	7
40	Maximum daily trunk shrinkage for estimating water needs and scheduling regulated deficit irrigation in peach trees. <i>Irrigation Science</i> , 2017, 35, 69-82.	1.3	12
41	Water Versus Source-Sink Relationships in a Semiarid Tempranillo Vineyard: Vine Performance and Fruit Composition. <i>American Journal of Enology and Viticulture</i> , 2017, 68, 11-22.	0.9	26
42	Grape Composition under Abiotic Constraints: Water Stress and Salinity. <i>Frontiers in Plant Science</i> , 2017, 8, 851.	1.7	84
43	Effects of surface and subsurface drip irrigation on physiology and yield of "Godello" grapevines grown in Galicia, NW Spain. <i>Ciencia E Tecnica Vitivinicola</i> , 2017, 32, 42-52.	0.3	6
44	Irrigation effects on the performance of grapevine (<i>Vitis vinifera</i> L.) cv. "Albariño" under the humid climate of Galicia. <i>Oeno One</i> , 2017, 50, .	0.7	9
45	Effects of soil type on vineyard performance and berry composition in the Río de la Plata Coast (Uruguay). <i>Oeno One</i> , 2017, 51, .	0.7	10
46	Multifractal behaviour of the soil water content of a vineyard in northwest Spain during two growing seasons. <i>Nonlinear Processes in Geophysics</i> , 2016, 23, 205-213.	0.6	8
47	Response of grapevine cv. "Brancellao" and "Sousão" to supplementary irrigation: Water relations, vine growth, yield and berry and wine composition. <i>Ciencia E Tecnica Vitivinicola</i> , 2016, 31, 98-113.	0.3	1
48	Multifractal Analysis of Vertical Profiles of Soil Penetration Resistance at Varying Water Contents. <i>Vadose Zone Journal</i> , 2016, 15, 1-10.	1.3	12
49	Reference values of maximum daily trunk shrinkage for irrigation scheduling in mid-late maturing peach trees. <i>Agricultural Water Management</i> , 2016, 171, 31-39.	2.4	16
50	Effects of climate variability on irrigation scheduling in white varieties of <i>Vitis vinifera</i> (L.) of NW Spain. <i>Agricultural Water Management</i> , 2016, 170, 99-109.	2.4	35
51	Using midday stem water potential for scheduling deficit irrigation in mid-late maturing peach trees under Mediterranean conditions. <i>Irrigation Science</i> , 2016, 34, 161-173.	1.3	42
52	PRODUÇÃO E DEPOSIÇÃO DE SEDIMENTOS EM UMA SUB-BACIA HIDROGRÁFICA COM SOLOS SUSCETÁVEIS À EROÇÃO. <i>Irriga</i> , 2016, 21, 284.	0.2	4
53	Modulation of chemical and sensory characteristics of red wine from Mencía by using indigenous & Saccharomyces cerevisiae & yeast strains. <i>Oeno One</i> , 2016, 48, 63.	0.7	8
54	Does predawn water potential discern between irrigation treatments in Galician white grapevine cultivars?. <i>Oeno One</i> , 2016, 48, 123.	0.7	8

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55	Effects of regulated deficit irrigation on physiology, yield and fruit quality in apricot trees under Mediterranean conditions. Spanish Journal of Agricultural Research, 2016, 14, e1205.	0.3	18
56	Characterization of the nearly extinct "Albilla"™ cultivar from Galicia and its relationships with other Spanish "Albillos"™. Oeno One, 2016, 47, 261.	0.7	2
57	Amino Acids Profile of Two Galician White Grapevine Cultivars (Godello and Treixadura). Ciencia E Técnica Vitivinícola, 2015, 30, 84-93.	0.3	9
58	Effects of deficit irrigation on the performance of grapevine (<i>Vitis vinifera</i> L.) cv. "Godello"™ and "Treixadura"™ in Ribeiro, NW Spain. Agricultural Water Management, 2015, 161, 20-30.	2.4	39
59	Temporal Oscillation and Losses of Three Carbon Forms in a Microcatchment of NW Spain. Communications in Soil Science and Plant Analysis, 2015, 46, 296-308.	0.6	2
60	Crop Residue Effects on Total and Dissolved Losses of Fe, Mn, Cu, and Zn by Runoff. Communications in Soil Science and Plant Analysis, 2015, 46, 272-282.	0.6	3
61	Influence of cover crop treatments on the performance of a vineyard in a humid region. Spanish Journal of Agricultural Research, 2015, 13, e0907.	0.3	17
62	Irrigation effects on the sensory perception of wines from three white grapevine cultivars traditional from Galicia (Albariño, Godello and Treixadura). Ciencia E Técnica Vitivinícola, 2014, 29, 71-80.	0.3	9
63	Fermentative aroma compounds and sensory profiles of Godello and Albariño wines as influenced by <i>Saccharomyces cerevisiae</i> yeast strains. Journal of the Science of Food and Agriculture, 2013, 93, 2849-2857.	1.7	33
64	Combined effects of water stress and fruit thinning on fruit and vegetative growth of a very early-maturing peach cultivar: assessment by means of a fruit tree model, QualiTree. Irrigation Science, 2013, 31, 1039-1051.	1.3	13
65	Effects of irrigation and fruit position on size, colour, firmness and sugar contents of fruits in a mid-late maturing peach cultivar. Scientia Horticulturae, 2013, 164, 340-347.	1.7	35
66	Concentrations of Three Different Carbon Forms in Surface Waters from an Agroforestry Catchment in Northwest Spain. Communications in Soil Science and Plant Analysis, 2013, 44, 404-414.	0.6	2
67	Assessment of the water stress effects on peach fruit quality and size using a fruit tree model, QualiTree. Agricultural Water Management, 2013, 128, 1-12.	2.4	27
68	Inoculation of Treixadura musts with autochthonous <i>Saccharomyces cerevisiae</i> strains: Fermentative performance and influence on the wine characteristics. Food Science and Technology International, 2013, 19, 177-186.	1.1	18
69	Assessment of Solar Irradiation Models in A Coruña by Multifractal Analysis. Vadose Zone Journal, 2013, 12, 1-10.	1.3	5
70	Multifractal Analysis of Soil Properties along Two Perpendicular Transects. Vadose Zone Journal, 2013, 12, 1-13.	1.3	20
71	Crop Residue Effects on Calcium, Magnesium, Potassium, and Sodium Runoff Losses from a Soil Prone to Crusting. Communications in Soil Science and Plant Analysis, 2012, 43, 315-323.	0.6	8
72	Temporal Oscillations of Calcium, Magnesium, Potassium, and Sodium Dissolved Contents in an Agroforestry Catchment from the Atlantic Galicia. Communications in Soil Science and Plant Analysis, 2012, 43, 280-287.	0.6	1

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73	Oscillation of Three Phosphorus Forms and Suspended Solids Content from 1999 to 2007 in a Spanish Agroforestry Catchment under Atlantic Climate. <i>Communications in Soil Science and Plant Analysis</i> , 2012, 43, 288-298.	0.6	2
74	Combined effects of irrigation, crop load and fruit position on size, color and firmness of fruits in an extra-early cultivar of peach. <i>Scientia Horticulturae</i> , 2012, 142, 128-135.	1.7	42
75	Data quality assessment and monthly stability of ground solar radiation in Galicia (NW Spain). <i>Solar Energy</i> , 2012, 86, 3499-3511.	2.9	8
76	Estimation of the daily water consumption by maize under Atlantic climatic conditions (A Coruña, NW) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Sciences</i> , 2012, 12, 709-714.	1.5	8
77	Effect of must characteristics on the diversity of <i>Saccharomyces</i> strains and their prevalence in spontaneous fermentations. <i>Journal of Applied Microbiology</i> , 2012, 112, 936-944.	1.4	22
78	The influence of tillage on the structure of rhizosphere and root-associated arbuscular mycorrhizal fungal communities. <i>Pedobiologia</i> , 2011, 54, 235-241.	0.5	52
79	QualiTree, a virtual fruit tree to study the management of fruit quality. II. Parameterisation for peach, analysis of growth-related processes and agronomic scenarios. <i>Trees - Structure and Function</i> , 2011, 25, 785-799.	0.9	36
80	Determination of the quality index of a Paleudult under sunflower culture and different management systems. <i>Soil and Tillage Research</i> , 2011, 112, 167-174.	2.6	41
81	Spatial variability of soil penetration resistance influenced by season of sampling. <i>Bragantia</i> , 2010, 69, 163-173.	1.3	12
82	On Geostatistical Analysis of Rainfall Using Data from Boundary Sites. <i>Quantitative Geology and Geostatistics</i> , 2010, , 53-63.	0.1	0
83	Crop Residue Effects on Organic Carbon, Nitrogen, and Phosphorus Concentrations and Loads in Runoff Water. <i>Communications in Soil Science and Plant Analysis</i> , 2009, 40, 200-213.	0.6	17
84	Phosphorus Contents and Loads at the Outlet of an Agroforestry Catchment in Northwestern Spain. <i>Communications in Soil Science and Plant Analysis</i> , 2009, 40, 660-671.	0.6	9
85	Concentrated flow erosion as a main source of sediments in Galicia, Spain. <i>Earth Surface Processes and Landforms</i> , 2009, 34, 2087-2095.	1.2	9
86	The effects of applied crop residues on losses of Fe, Mn, Cu and Zn in runoff from a soil prone to crusting. <i>Soil Use and Management</i> , 2009, 25, 193-200.	2.6	6
87	Consistency analysis of pluviometric information in Galicia (NW Spain). <i>Atmospheric Research</i> , 2009, 94, 629-640.	1.8	17
88	Effects of different soil tillage systems and coverages on soybean crop in the Botucatu Region in Brazil. <i>Spanish Journal of Agricultural Research</i> , 2009, 7, 173.	0.3	12
89	Mapping monthly rainfall data in Galicia (NW Spain) using inverse distances and geostatistical methods. <i>Advances in Geosciences</i> , 0, 10, 51-57.	12.0	21