

Arturo Alvino

List of Publications by Year in descending order

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36
papers

1,677
citations

361045

20
h-index

360668

35
g-index

36
all docs

36
docs citations

36
times ranked

1931
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar Fertigation: A Sustainable and Smart IoT-Based Irrigation and Fertilization System for Efficient Water and Nutrient Management. <i>Agronomy</i> , 2022, 12, 1012.	1.3	15
2	Refining Irrigation Strategies in Horticultural Production. <i>Horticulturae</i> , 2021, 7, 29.	1.2	3
3	Vegetation Indices Data Clustering for Dynamic Monitoring and Classification of Wheat Yield Crop Traits. <i>Remote Sensing</i> , 2021, 13, 541.	1.8	18
4	A Review of Crop Water Stress Assessment Using Remote Sensing. <i>Remote Sensing</i> , 2021, 13, 4155.	1.8	35
5	Agronomic Traits Analysis of Ten Winter Wheat Cultivars Clustered by UAV-Derived Vegetation Indices. <i>Remote Sensing</i> , 2020, 12, 249.	1.8	26
6	Evaluation of the Effect of Irrigation on Biometric Growth, Physiological Response, and Essential Oil of <i>Mentha spicata</i> (L.). <i>Water (Switzerland)</i> , 2019, 11, 2264.	1.2	14
7	Detection of Spatial and Temporal Variability of Wheat Cultivars by High-Resolution Vegetation Indices. <i>Agronomy</i> , 2019, 9, 226.	1.3	29
8	Detection of homogeneous wheat areas using multi-temporal UAS images and ground truth data analyzed by cluster analysis. <i>European Journal of Remote Sensing</i> , 2018, 51, 266-275.	1.7	35
9	Remote Sensing for Irrigation of Horticultural Crops. <i>Horticulturae</i> , 2017, 3, 40.	1.2	64
10	Variation in Ecophysiological Traits and Drought Tolerance of Beech (<i>Fagus sylvatica</i> L.) Seedlings from Different Populations. <i>Frontiers in Plant Science</i> , 2016, 7, 886.	1.7	36
11	Use of proximal sensing and vegetation indexes to detect the inefficient spatial allocation of drip irrigation in a spot area of tomato field crop. <i>Precision Agriculture</i> , 2015, 16, 613-629.	3.1	14
12	Hyperspectral vegetation indices for predicting onion (<i>Allium cepa</i> L.) yield spatial variability. <i>Computers and Electronics in Agriculture</i> , 2015, 116, 109-117.	3.7	17
13	Use of soil and vegetation spectroradiometry to investigate crop water use efficiency of a drip irrigated tomato. <i>European Journal of Agronomy</i> , 2014, 59, 67-77.	1.9	26
14	Proximal sensing and vegetation indices for site-specific evaluation on an irrigated crop tomato. <i>European Journal of Remote Sensing</i> , 2014, 47, 271-283.	1.7	21
15	Agronomic traits and vegetation indices of two onion hybrids. <i>Scientia Horticulturae</i> , 2013, 155, 56-64.	1.7	16
16	Cultivar discrimination at different site elevations with remotely sensed vegetation indices. <i>Italian Journal of Agronomy</i> , 2011, 6, 1.	0.4	11
17	Effects of varying nitrogen fertilization on crop yield and grain quality of emmer grown in a typical Mediterranean environment in central Italy. <i>European Journal of Agronomy</i> , 2011, 34, 172-180.	1.9	29
18	Crop yield and grain quality of emmer populations grown in central Italy, as affected by nitrogen fertilization. <i>European Journal of Agronomy</i> , 2009, 31, 233-240.	1.9	30

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19	Deficit irrigation affects seasonal changes in leaf physiology and oil quality of <i>Olea europaea</i> (cultivars Frantoio and Leccino). <i>Annals of Applied Biology</i> , 2007, 150, 169-186.	1.3	75
20	Isoprenoids content and photosynthetic limitations in rosemary and spearmint plants under water stress. <i>Agriculture, Ecosystems and Environment</i> , 2005, 106, 243-252.	2.5	110
21	The effect of deficit irrigation on seasonal variations of plant water use in <i>Olea europaea</i> L.. <i>Plant and Soil</i> , 2005, 273, 139-155.	1.8	83
22	Effect of foliar application of N and humic acids on growth and yield of durum wheat. <i>Agronomy for Sustainable Development</i> , 2005, 25, 183-191.	2.2	122
23	The response of sugar beet to drip and low-pressure sprinkler irrigation in southern Italy. <i>Agricultural Water Management</i> , 2003, 60, 135-155.	2.4	54
24	Drought-stress Effects on Physiology, Growth and Biomass Production of Rainfed and Irrigated Bell Pepper Plants in the Mediterranean Region. <i>Journal of the American Society for Horticultural Science</i> , 2001, 126, 297-304.	0.5	71
25	A mathematical approach for estimating light absorption by a crop from continuous radiation measurements and restricted absorption data. <i>Computers and Electronics in Agriculture</i> , 1999, 22, 71-81.	3.7	0
26	Restrictions to Carbon Dioxide Conductance and Photosynthesis in Spinach Leaves Recovering from Salt Stress. <i>Plant Physiology</i> , 1999, 119, 1101-1106.	2.3	218
27	Foliar senescence in maize plants grown under different water regimes. <i>Agronomy for Sustainable Development</i> , 1999, 19, 591-601.	0.8	3
28	Short-term Effects of Fumigation with Gaseous Methanol on Photosynthesis in Horticultural Plants. <i>Journal of the American Society for Horticultural Science</i> , 1999, 124, 377-380.	0.5	7
29	Consequences of salt stress on conductance to CO ₂ diffusion, Rubisco characteristics and anatomy of spinach leaves. <i>Functional Plant Biology</i> , 1998, 25, 395.	1.1	130
30	Effect of shading and air temperature on leaf photosynthesis, fluorescence and growth in lily plants. <i>Scientia Horticulturae</i> , 1997, 69, 259-273.	1.7	20
31	Root dynamics of peach as a function of winter water table level and rootstock. <i>Scientia Horticulturae</i> , 1994, 56, 275-290.	1.7	3
32	Response to low soil water potential in pea genotypes (<i>Pisum sativum</i> L.) with different leaf morphology. <i>Scientia Horticulturae</i> , 1993, 53, 21-34.	1.7	23
33	Soil porosity in a peach orchard as influenced by water table depth. <i>Agricultural Water Management</i> , 1989, 16, 63-73.	2.4	8
34	Interactive Water and Nitrogen Effects on Senescence of Maize. I. Leaf Area Duration, Nitrogen Distribution, and Yield. <i>Agronomy Journal</i> , 1988, 80, 859-864.	0.9	135
35	Interactive Water and Nitrogen Effects on Senescence of Maize. II. Photosynthetic Decline and Longevity of Individual Leaves. <i>Agronomy Journal</i> , 1988, 80, 865-870.	0.9	172
36	Evaluation of field bean lines grown with a shallow water table maintained at different levels. <i>Field Crops Research</i> , 1983, 6, 179-188.	2.3	4