

Alberto Palliotti

List of Publications by Year in descending order

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85
papers

2,541
citations

186265

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214800

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2293
citing authors

#	ARTICLE	IF	CITATIONS
1	Foliar vs. soil application of <i>Ascophyllum nodosum</i> extracts to improve grapevine water stress tolerance. <i>Scientia Horticulturae</i> , 2021, 277, 109807.	3.6	26
2	Life Cycle Assessment of an Innovative Technology against Late Frosts in Vineyard. <i>Sustainability</i> , 2021, 13, 5562.	3.2	1
3	Mid-Term Effects of Conservative Soil Management and Fruit-Zone Early Leaf Removal Treatments on the Performance of Nerello Mascalese (<i>Vitis vinifera</i> L.) Grapes on Mount Etna (Southern Italy). <i>Agronomy</i> , 2021, 11, 1070.	3.0	6
4	Kaolin treatments on Tonda Giffoni hazelnut (<i>Corylus avellana</i> L.) for the control of heat stress damages. <i>Scientia Horticulturae</i> , 2020, 263, 109097.	3.6	14
5	Kaolin Reduces ABA Biosynthesis through the Inhibition of Neoxanthin Synthesis in Grapevines under Water Deficit. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4950.	4.1	21
6	Effects of anti-transpirant diatomaceous earth and menthene, sprayed post-veraison, on berry ripening of Sangiovese grapevines with different crop loads. <i>Australian Journal of Grape and Wine Research</i> , 2020, 26, 363-371.	2.1	6
7	Insulating Organic Material as a Protection System against Late Frost Damages on the Vine Shoots. <i>Sustainability</i> , 2020, 12, 6279.	3.2	3
8	Effects of limited irrigation water volumes on near-isohydric "Montepulciano" vines trained to overhead trellis system. <i>Acta Physiologiae Plantarum</i> , 2020, 42, 1.	2.1	3
9	A NATURAL ORGANIC COATING TO CONTROL AND MINIMIZE LATE FROST DAMAGES ON WINE SHOOTS. <i>Heat Transfer Research</i> , 2020, 51, 1625-1635.	1.6	2
10	Mitigation of multiple summer stresses on hazelnut (<i>Corylus avellana</i> L.): effects of the new arbuscular mycorrhiza <i>Glomus iranicum tenuiphyarum</i> sp. nova. <i>Scientia Horticulturae</i> , 2019, 257, 108659.	3.6	10
11	Metabolic and transcriptional changes associated with the use of <i>Ascophyllum nodosum</i> extracts as tools to improve the quality of wine grapes (<i>Vitis vinifera</i> cv. Sangiovese) and their tolerance to biotic stress. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 6350-6363.	3.5	33
12	Sentinel-2 Validation for Spatial Variability Assessment in Overhead Trellis System Viticulture Versus UAV and Agronomic Data. <i>Remote Sensing</i> , 2019, 11, 2573.	4.0	46
13	Carbon partitioning between shoot organs following early leaf removal. <i>BIO Web of Conferences</i> , 2019, 13, 03002.	0.2	0
14	Vegetative development and berry growth in relation to heat accumulation in Sangiovese vines subjected to double pruning at three different times. <i>BIO Web of Conferences</i> , 2019, 13, 04001.	0.2	2
15	Understanding kaolin effects on grapevine leaf and whole-canopy physiology during water stress and re-watering. <i>Journal of Plant Physiology</i> , 2019, 242, 153020.	3.5	30
16	Effects of Natural Hail on the Growth, Physiological Characteristics, Yield, and Quality of <i>Vitis vinifera</i> L. cv. Thompson Seedless under Mediterranean Growing Conditions. <i>Agronomy</i> , 2019, 9, 197.	3.0	12
17	Effects of a new arbuscular mycorrhizal fungus (<i>Glomus iranicum</i>) on grapevine development. <i>BIO Web of Conferences</i> , 2019, 13, 04018.	0.2	2
18	Kaolin treatments on Pinot noir grapevines for the control of heat stress damages. <i>BIO Web of Conferences</i> , 2019, 13, 04004.	0.2	15

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19	Climate change effects on cv. Montepulciano in some wine-growing areas of the Abruzzi region (Italy). Theoretical and Applied Climatology, 2019, 136, 1145-1155.	2.8	13
20	Relationship among night temperature, carbohydrate translocation and inhibition of grapevine leaf photosynthesis. Environmental and Experimental Botany, 2019, 157, 293-298.	4.2	27
21	Canopy management strategies to control yield and grape composition of Montepulciano grapevines. Australian Journal of Grape and Wine Research, 2019, 25, 30-42.	2.1	23
22	Grapevine quality: A multiple choice issue. Scientia Horticulturae, 2018, 234, 445-462.	3.6	183
23	A possible role of leaf vascular network in heat dissipation in <i>Vitis vinifera</i> L.. Revista Brasileira De Botanica, 2018, 41, 227-231.	1.3	3
24	Effects of a biostimulant derived from the brown seaweed <i>Ascophyllum nodosum</i> on ripening dynamics and fruit quality of grapevines. Scientia Horticulturae, 2018, 232, 97-106.	3.6	107
25	Plant and leaf responses to cycles of water stress and re-watering of "Sangiovese"™ grapevine. Folia Horticulturae, 2018, 30, 27-38.	1.8	3
26	Effect of water stress "memory" on plant behavior during subsequent drought stress. Environmental and Experimental Botany, 2018, 150, 106-114.	4.2	83
27	Delaying winter pruning, after pre-pruning, alters budburst, leaf area, photosynthesis, yield and berry composition in Sangiovese (<i>Vitis vinifera</i> L.). Australian Journal of Grape and Wine Research, 2018, 24, 478-486.	2.1	27
28	Changes in Within-Shoot Carbon Partitioning in Pinot Noir Grapevines Subjected to Early Basal Leaf Removal. Frontiers in Plant Science, 2018, 9, 1122.	3.6	19
29	Olive. , 2018, , 165-187.		10
30	Nebulized water cooling of the canopy affects leaf temperature, berry composition and wine quality of Sauvignon blanc. Journal of the Science of Food and Agriculture, 2017, 97, 1267-1275.	3.5	8
31	Multisensor approach to assess vineyard thermal dynamics combining high-resolution unmanned aerial vehicle (UAV) remote sensing and wireless sensor network (WSN) proximal sensing. Scientia Horticulturae, 2017, 221, 83-87.	3.6	43
32	Transcriptional Responses to Pre-flowering Leaf Defoliation in Grapevine Berry from Different Growing Sites, Years, and Genotypes. Frontiers in Plant Science, 2017, 8, 630.	3.6	23
33	Phenology, Canopy Aging and Seasonal Carbon Balance as Related to Delayed Winter Pruning of <i>Vitis vinifera</i> L. cv. Sangiovese Grapevines. Frontiers in Plant Science, 2016, 7, 659.	3.6	47
34	Manipulation of ripening via antitranspirants in cv. Barbera (<i>Vitis vinifera</i> L.). Australian Journal of Grape and Wine Research, 2016, 22, 245-255.	2.1	34
35	Gas exchange and water-use efficiency of cv. Sangiovese grafted to rootstocks of varying water-deficit tolerance. Irrigation Science, 2016, 34, 105-116.	2.8	14
36	Distinct transcriptome responses to water limitation in isohydric and anisohydric grapevine cultivars. BMC Genomics, 2016, 17, 815.	2.8	49

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37	Postbudburst Spur Pruning Reduces Yield and Delays Fruit Sugar Accumulation in Sangiovese in Central Italy. <i>American Journal of Enology and Viticulture</i> , 2016, 67, 419-425.	1.7	45
38	Impact of Crop Control Strategies on Performance of High-Yielding Sangiovese Grapevines. <i>American Journal of Enology and Viticulture</i> , 2016, 67, 407-418.	1.7	17
39	Mechanical winter pruning of grapevine: Physiological bases and applications. <i>Scientia Horticulturae</i> , 2016, 204, 88-98.	3.6	41
40	Malate as substrate for catabolism and gluconeogenesis during ripening in the pericarp of different grape cultivars. <i>Biologia Plantarum</i> , 2016, 60, 155-162.	1.9	27
41	An enhanced method to infer gas exchange function in peach trees having different canopy shapes based on canopy quantum flux absorption assessment. <i>Agricultural and Forest Meteorology</i> , 2016, 221, 1-12.	4.8	3
42	Evaluation of low-energy demand adaptive mechanisms in Sangiovese grapevine during drought. <i>Oeno One</i> , 2016, 42, 41.	1.4	12
43	Stomatal closure is induced by hydraulic signals and maintained by ABA in drought-stressed grapevine. <i>Scientific Reports</i> , 2015, 5, 12449.	3.3	245
44	Physiological parameters and protective energy dissipation mechanisms expressed in the leaves of two <i>Vitis vinifera</i> L. genotypes under multiple summer stresses. <i>Journal of Plant Physiology</i> , 2015, 185, 84-92.	3.5	35
45	An Open-Source and Low-Cost Monitoring System for Precision Enology. <i>Sensors</i> , 2014, 14, 23388-23397.	3.8	24
46	Morpho-structural and physiological response of container-grown Sangiovese and Montepulciano cvv. (<i>Vitis vinifera</i>) to re-watering after a pre-veraison limiting water deficit. <i>Functional Plant Biology</i> , 2014, 41, 634.	2.1	46
47	Relationships between stomatal behavior, xylem vulnerability to cavitation and leaf water relations in two cultivars of <i>Vitis vinifera</i> . <i>Physiologia Plantarum</i> , 2014, 152, 453-464.	5.2	68
48	Optimizing deficit irrigation strategies to manage vine performance and fruit composition of field-grown "Sangiovese"™ (<i>Vitis vinifera</i> L.) grapevines. <i>Scientia Horticulturae</i> , 2014, 179, 239-247.	3.6	27
49	Changes in vineyard establishment and canopy management urged by earlier climate-related grape ripening: A review. <i>Scientia Horticulturae</i> , 2014, 178, 43-54.	3.6	209
50	Is stored malate the quantitatively most important substrate utilised by respiration and ethanolic fermentation in grape berry pericarp during ripening?. <i>Plant Physiology and Biochemistry</i> , 2014, 76, 52-57.	5.8	59
51	Postveraison Application of Antitranspirant Di-1- <i>p</i> -Menthene to Control Sugar Accumulation in Sangiovese Grapevines. <i>American Journal of Enology and Viticulture</i> , 2013, 64, 378-385.	1.7	54
52	Influence of mechanical postveraison leaf removal apical to the cluster zone on delay of fruit ripening in Sangiovese (<i>Vitis vinifera</i> L.) grapevines. <i>Australian Journal of Grape and Wine Research</i> , 2013, 19, n/a-n/a.	2.1	50
53	Late leaf removal aimed at delaying ripening in cv. Sangiovese: physiological assessment and vine performance. <i>Australian Journal of Grape and Wine Research</i> , 2013, 19, n/a-n/a.	2.1	38
54	Ampelographic and genetic characterisation of ancestral grapevine (<i>Vitis vinifera</i> L.) accessions present in the Umbria Region (Central Italy). <i>Journal of Horticultural Science and Biotechnology</i> , 2013, 88, 525-530.	1.9	2

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55	EFFECTS OF LATE MECHANIZED LEAF REMOVAL ABOVE THE CLUSTERS ZONE TO DELAY GRAPE RIPENING IN 'SANGIOVESE' VINES. <i>Acta Horticulturae</i> , 2013, , 301-307.	0.2	9
56	POST-VERAISON MECHANICAL LEAF REMOVAL DELAYS BERRY RIPENING ON 'SANGIOVESE' AND 'MONTEPULCIANO' GRAPEVINES. <i>Acta Horticulturae</i> , 2013, , 327-333.	0.2	18
57	ANALYSIS OF "SINK-PHOTOASSIMILATION" RELATIONSHIP IN FIELD-GROWN 'CABERNET SAUVIGNON' GRAPEVINES. <i>Acta Horticulturae</i> , 2012, , 151-156.	0.2	1
58	SEASONAL TRENDS OF GRAPEVINE PHYSIOLOGICAL PERFORMANCE AND SOIL WATER CONTENT OF 'SANGIOVESE' (VITIS VINIFERA L.) FIELD PLOTS UNDER REGULATED DEFICIT IRRIGATION. <i>Acta Horticulturae</i> , 2012, , 461-468.	0.2	0
59	Early source limitation as a tool for yield control and wine quality improvement in a high-yielding red <i>Vitis vinifera</i> L. cultivar. <i>Scientia Horticulturae</i> , 2012, 145, 10-16.	3.6	44
60	A new closing Y-shaped training system for grapevines. <i>Australian Journal of Grape and Wine Research</i> , 2012, 18, 57-63.	2.1	19
61	Early Leaf Removal to Improve Vineyard Efficiency: Gas Exchange, Source-to-Sink Balance, and Reserve Storage Responses. <i>American Journal of Enology and Viticulture</i> , 2011, 62, 219-228.	1.7	98
62	Morpho-structural and physiological performance of Sangiovese and Montepulciano cvv. (<i>Vitis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	2.1	14
63	Vine performance and grape composition as affected by early-season source limitation induced with anti-transpirants in two red <i>Vitis vinifera</i> L. cultivars. <i>Australian Journal of Grape and Wine Research</i> , 2010, 16, 426-433.	2.1	41
64	LONG-TERM EFFECTS OF SEEDED COVER-CROP ON VEGETATIVE CHARACTERISTICS, YIELD AND GRAPE AND WINE COMPOSITION OF 'GRECHETTO' GRAPEVINES IN CENTRAL ITALY. <i>Acta Horticulturae</i> , 2007, , 515-521.	0.2	5
65	Calibration and Evaluation of a STELLA Software-based Daily CO ₂ Balance Model in <i>Vitis vinifera</i> L.. <i>Journal of the American Society for Horticultural Science</i> , 2006, 131, 273-283.	1.0	50
66	RESPIRATION ACTIVITY IN DIFFERENT ABOVE-GROUND ORGANS OF VITIS VINIFERA L. IN RESPONSE TO TEMPERATURE AND DEVELOPMENTAL STAGE. <i>Acta Horticulturae</i> , 2005, , 159-166.	0.2	9
67	DOWN-REGULATION OF PHOTOSYNTHETIC ACTIVITY FOR FIELD-GROWN GRAPEVINES. <i>Acta Horticulturae</i> , 2005, , 285-292.	0.2	4
68	SEASONAL DRY MATTER PRODUCTION IN FIELD-GROWN SANGIOVESE AND MONTEPULCIANO GRAPEVINES (VITIS VINIFERA L.). <i>Acta Horticulturae</i> , 2004, , 127-133.	0.2	6
69	INFLUENCE OF TIMING OF SUMMER HEDGING ON YIELD AND GRAPE QUALITY IN SOME RED AND WHITE GRAPEVINE CULTIVARS. <i>Acta Horticulturae</i> , 2000, , 101-110.	0.2	8
70	CLUSTER THINNING EFFECTS ON YIELD AND GRAPE COMPOSITION IN DIFFERENT GRAPEVINE CULTIVARS. <i>Acta Horticulturae</i> , 2000, , 111-120.	0.2	34
71	Influence of leaf position, fruit and light availability on photosynthesis of two chestnut genotypes. <i>Scientia Horticulturae</i> , 2000, 85, 63-73.	3.6	27
72	Effects of leaf to fruit ratios on fruit growth in chestnut. <i>Scientia Horticulturae</i> , 2000, 85, 145-152.	3.6	26

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73	AVAILABILITY OF ASSIMILATES AND DEVELOPMENT OF OLIVE FRUIT. <i>Acta Horticulturae</i> , 1999, , 297-300.	0.2	4
74	INFLUENCE OF LEAF POSITION, FRUIT AND LIGHT AVAILABILITY ON PHOTOSYNTHESIS IN DIFFERENT CHESTNUT GENOTYPES. <i>Acta Horticulturae</i> , 1999, , 179-186.	0.2	1
75	EFFECTS OF TRAINING SYSTEM ON TREE GROWTH, YIELD AND OIL CHARACTERISTICS IN DIFFERENT OLIVE CULTIVARS. <i>Acta Horticulturae</i> , 1999, , 189-192.	0.2	6
76	EFFECT OF LEAF TO FRUIT RATIOS ON FRUIT GROWTH IN CHESTNUT. <i>Acta Horticulturae</i> , 1999, , 155-160.	0.2	0
77	OPTIMIZATION OF CPPU (CYTOKININ) TREATMENT ON ACTINIDIA DELICIOSA. <i>Acta Horticulturae</i> , 1998, , 425-434.	0.2	0
78	PATTERNS OF ANATOMY DIFFERENTIATION, GROWTH AND PHYSIOLOGY ACTIVITY FOLLOWING PACLOBUTRAZOL APPLICATION IN CHESTNUT. <i>Acta Horticulturae</i> , 1998, , 177-184.	0.2	3
79	Contribution of the adaxial and abaxial surfaces of olive leaves to photosynthesis. <i>Photosynthetica</i> , 1997, 33, 63-69.	1.7	19
80	Freezing injury in the olive leaf and effects of mefluidide treatment. <i>The Journal of Horticultural Science</i> , 1996, 71, 57-63.	0.3	40
81	Spectral characteristics and a possible topological assignment of blue green fluorescence excited by UV laser on leaves of unrelated species. <i>Remote Sensing of Environment</i> , 1994, 47, 55-64.	11.0	17
82	Blue-green fluorescence excited by UV laser on leaves of different species originates from cutin and is sensitive to leaf temperature. <i>Plant, Cell and Environment</i> , 1994, 17, 777-780.	5.7	16
83	Optimum leaf area index in T-bar trained kiwifruit vines. <i>The Journal of Horticultural Science</i> , 1994, 69, 339-350.	0.3	20
84	Influence of light exposure on characteristics and storage life of kiwifruit. <i>New Zealand Journal of Crop and Horticultural Science</i> , 1993, 21, 85-90.	1.3	37
85	Influence of assimilate availability on translocation and sink strength in kiwifruit. <i>New Zealand Journal of Crop and Horticultural Science</i> , 1993, 21, 177-182.	1.3	5