

Leonardo Lombardini

List of Publications by Year in descending order

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61
papers

1,493
citations

430874

18
h-index

315739

38
g-index

61
all docs

61
docs citations

61
times ranked

1671
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of foliar application of zinc sulfate and zinc nanoparticles in coffee (<i>Coffea arabica</i> L.) plants. <i>Plant Physiology and Biochemistry</i> , 2019, 135, 160-166.	5.8	255
2	The impact of cerium oxide nanoparticles on the salt stress responses of <i>Brassica napus</i> L.. <i>Environmental Pollution</i> , 2016, 219, 28-36.	7.5	171
3	Phytochemical constituents and antioxidant capacity of different pecan [<i>Carya illinoensis</i> (Wangenh.) K. Koch] cultivars. <i>Food Chemistry</i> , 2007, 102, 1241-1249.	8.2	161
4	Analysis of leaf water relations in leaves of two olive (<i>Olea europaea</i>) cultivars differing in tolerance to salinity. <i>Tree Physiology</i> , 1997, 17, 13-21.	3.1	144
5	Physiological effects of cerium oxide nanoparticles on the photosynthesis and water use efficiency of soybean (<i>Glycine max</i> (L.) Merr.). <i>Environmental Science: Nano</i> , 2017, 4, 1086-1094.	4.3	101
6	The impact of cerium oxide nanoparticles on the physiology of soybean (<i>Glycine max</i> (L.) Merr.) under different soil moisture conditions. <i>Environmental Science and Pollution Research</i> , 2018, 25, 930-939.	5.3	80
7	'SURROUND' PARTICLE FILM APPLICATIONS - EFFECTS ON WHOLE CANOPY PHYSIOLOGY OF APPLE. <i>Acta Horticulturae</i> , 2004, , 565-571.	0.2	53
8	Title is missing!. <i>Plant and Soil</i> , 1997, 197, 87-93.	3.7	50
9	Phenolic compounds and fatty acid composition of organic and conventional grown pecan kernels. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 2207-2213.	3.5	43
10	Salinity tolerance in <i>Phillyrea</i> species. <i>New Phytologist</i> , 1997, 135, 227-234.	7.3	33
11	Foliar Fertilization with Zinc in Pecan Trees. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2014, 49, 562-566.	1.0	32
12	Photosynthetic Light Response and Epidermal Characteristics of Sun and Shade Pecan Leaves. <i>Journal of the American Society for Horticultural Science</i> , 2009, 134, 372-378.	1.0	31
13	Electron-Beam Irradiation Effects on Phytochemical Constituents and Antioxidant Capacity of Pecan Kernels [<i>Carya illinoensis</i> (Wangenh.) K. Koch] During Storage. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 10732-10739.	5.2	29
14	Effects of Particle Film Application on Leaf Gas Exchange, Water Relations, Nut Yield, and Insect Populations in Mature Pecan Trees. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 1376-1380.	1.0	28
15	Comparing various techniques to measure tree vitality of live oaks. <i>Urban Forestry and Urban Greening</i> , 2010, 9, 199-203.	5.3	25
16	Zinc deficiency in field-grown pecan trees: changes in leaf nutrient concentrations and structure. <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 1672-1678.	3.5	23
17	Ethylene-inhibiting compound 1-MCP delays leaf senescence in cotton plants under abiotic stress conditions. <i>Journal of Integrative Agriculture</i> , 2015, 14, 1321-1331.	3.5	20
18	Growth, Gas Exchange, and Chlorophyll Fluorescence of Four Ornamental Herbaceous Perennials during Water Deficit Conditions. <i>Journal of the American Society for Horticultural Science</i> , 2006, 131, 469-475.	1.0	19

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19	Response of Selected Garden Roses to Drought Stress. Hortscience: A Publication of the American Society for Horticultural Science, 2012, 47, 1050-1055.	1.0	15
20	Below-Grade Planting Adversely Affects Survival and Growth of Tree Species from Five Different Families. Arboriculture and Urban Forestry, 2007, 33, 64-69.	0.6	15
21	Solving the controversy of healthier organic fruit: Leaf wounding triggers distant gene expression response of polyphenol biosynthesis in strawberry fruit (<i>Fragaria x ananassa</i>). Scientific Reports, 2019, 9, 19239.	3.3	13
22	One-Time Pruning of Pecan Trees Induced Limited and Short-Term Benefits in Canopy Light Penetration, Yield, and Nut Quality. Hortscience: A Publication of the American Society for Horticultural Science, 2006, 41, 1469-1473.	1.0	13
23	Carbohydrate Injections as a Potential Option to Improve Growth and Vitality of Live Oaks. Arboriculture and Urban Forestry, 2009, 35, 142-147.	0.6	12
24	In vitro viability and germination of <i>Carya illinoensis</i> pollen under different storage conditions. Scientia Horticulturae, 2021, 275, 109662.	3.6	11
25	Consumer Knowledge of Nutritional Attributes of Pecans and Factors Affecting Purchasing Behavior. HortTechnology, 2008, 18, 481-488.	0.9	11
26	GAS EXCHANGE AND WATER RELATIONS IN 'FUJI' APPLE TREES GROWN UNDER DEFICIT IRRIGATION. Acta Horticulturae, 2004, , 43-50.	0.2	10
27	PROGRESS IN THE DEVELOPMENT OF PARTIAL ROOTZONE DRYING OF APPLE TREES. Acta Horticulturae, 2004, , 125-132.	0.2	10
28	Variation in Leaf Anatomy of Pecan Cultivars from Three Ecogeographic Locations. Journal of the American Society for Horticultural Science, 2007, 132, 592-596.	1.0	10
29	Evaluation of Different Drought Stress Regimens on Growth, Leaf Gas Exchange Properties, and Carboxylation Activity in Purple Passionflower Plants. Journal of the American Society for Horticultural Science, 2017, 142, 57-64.	1.0	9
30	Identifying Critical Issues in the Horticulture Industry: A Delphi Analysis during the COVID-19 Pandemic. Horticulturae, 2021, 7, 416.	2.8	8
31	Application of Kaolin-based Particle Film on Pecan Trees: Consequences on Leaf Gas Exchange, Stem Water Potential, Nut Quality, and Insect Populations. Hortscience: A Publication of the American Society for Horticultural Science, 2004, 39, 857E-858.	1.0	6
32	Variation in Anatomical Characteristics in Leaves of Pecan Seedstocks from Mexico and the United States. Journal of the American Society for Horticultural Science, 2011, 136, 103-108.	1.0	6
33	Antioxidants in Pecan Nut Cultivars [<i>Carya illinoensis</i> (Wangenh.) K. Koch]. , 2011, , 881-889.		5
34	Effectiveness of State-level Pecan Promotion Programs: The Case of the Texas Pecan Checkoff Program. Hortscience: A Publication of the American Society for Horticultural Science, 2009, 44, 1914-1920.	1.0	5
35	Planting Depth During Container Production and Landscape Establishment Affects Growth of <i>Ulmus parvifolia</i> . Hortscience: A Publication of the American Society for Horticultural Science, 2010, 45, 54-60.	1.0	5
36	Investigations of exogenous applications of carbohydrates on the growth and vitality of live oaks. Urban Forestry and Urban Greening, 2009, 8, 41-48.	5.3	4

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37	ANTIOXIDANT PROPERTIES OF PECAN KERNELS. <i>Acta Horticulturae</i> , 2009, , 91-96.	0.2	3
38	CARBON TRANSLOCATION AND ROOT RESPIRATION IN POTTED APPLE TREES DURING CONDITIONS OF MODERATE DROUGHT. <i>Acta Horticulturae</i> , 2001, , 413-420.	0.2	3
39	Substrate Moisture Content Effects on Growth and Shelf Life of <i>Angelonia angustifolia</i> . <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2015, 50, 272-278.	1.0	3
40	Transplant Season, Irrigation, and Planting Depth Effects on Landscape Establishment of Baldcypress and Sycamore. <i>Arboriculture and Urban Forestry</i> , 2010, 36, 57-65.	0.6	3
41	Temporal and Spatial Glucose and Starch Partitioning in Live Oak. <i>Arboriculture and Urban Forestry</i> , 2009, 35, 63-67.	0.6	3
42	Planting depth and soil amendments affect growth of <i>Quercus virginiana</i> Mill.. <i>Urban Forestry and Urban Greening</i> , 2011, 10, 127-132.	5.3	2
43	Influence of Aminoethoxyvinylglycine on Pecan Fruit Retention. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2009, 44, 1884-1889.	1.0	2
44	Landscape Establishment for Baldcypress, Red Maple, and Chaste tree is Delayed for Trees Transplanted from Larger Containers1. <i>Journal of Environmental Horticulture</i> , 2017, 35, 43-57.	0.5	2
45	Blackmargined Aphid (<i>Monellia caryella</i> (Fitch); Hemiptera: Aphididae) Honeydew Production in Pecan and Implications for Managing the Pecan Aphid Complex in Texas. <i>Southwestern Entomologist</i> , 2013, 38, 19-32.	0.2	1
46	Pecan kernel antioxidant capacity and oil composition are affected by mechanical pruning and by nut position in tree canopy. <i>Acta Horticulturae</i> , 2016, , 499-506.	0.2	1
47	â€NorteÃ±aâ€ Pecan. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2015, 50, 1399-1400.	1.0	1
48	'Waco' Pecan. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 2207-2208.	1.0	1
49	STUDY OF GROWTH ANALYSIS, WATER RELATIONS, GAS EXCHANGE, AND CARBON PARTITIONING IN ONE PLUM SPECIES DURING WATER STRESS AND RELIEF. <i>Acta Horticulturae</i> , 1997, , 361-368.	0.2	1
50	Provenance Experiments with Baldcypress, Live Oak, and Sycamore Illustrate the Potential for Selecting More Sustainable Urban Trees. <i>Arboriculture and Urban Forestry</i> , 2012, 38, 205-213.	0.6	1
51	EFFECTS OF PRUNING TIME ON LIGHT INTERCEPTION AND FRUIT QUALITY IN PECAN TREES.. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 875c-875.	1.0	0
52	Provenance Affects Growth of <i>Taxodium distichum</i> in Containers. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 1106C-1106.	1.0	0
53	(116) Short-term Responses of Live Oak to Planting Depth and Soil Amendments. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 1079E-1079.	1.0	0
54	Screening Pecan Cultivars for Drought Tolerance Using Physiological Parameters. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 1129D-1129.	1.0	0

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55	Antioxidant Profile and Contribution to Quality and Nutritional Attributes of Different Pecan Cultivars. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 1135A-1135.	1.0	0
56	(131) E-beam Irradiation Induced Minor Changes in Phytochemical Content and Antioxidant Capacity of Pecan Kernels. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006, 41, 1062E-1063.	1.0	0
57	Variation in Leaf Anatomical Traits of Pecan Cultivars. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006, 41, 999E-1000.	1.0	0
58	Consequences of Injury Caused by <i>Cameraria caryaefoliella</i> (Lepidoptera: Gracillariidae) on Pecan Gas Exchange and Chlorophyll Fluorescence. <i>Journal of the American Society for Horticultural Science</i> , 2013, 138, 263-266.	1.0	0
59	Changes in Water Relation Parameters in Leaves of Olive (<i>Olea europaea</i> L.) during Salinity Stress and Relief. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1995, 30, 780B-780.	1.0	0
60	Morpho-physiological Responses of <i>Pinus halepensis</i> Mill. Seedlings to Drought Stress. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1996, 31, 576f-577.	1.0	0
61	Use of $^{13}\text{CO}_2$ as a Tool to Investigate Carbon Partitioning in Field and Greenhouse-grown Apple Trees. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1997, 32, 530D-530.	1.0	0