

Oswaldo Facini

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,161
citations

623734

14
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

2056
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for soil water control on carbon and water dynamics in European forests during the extremely dry year: 2003. <i>Agricultural and Forest Meteorology</i> , 2007, 143, 123-145.	4.8	509
2	Leaf characteristics and optical properties of different woody species. <i>Trees - Structure and Function</i> , 1997, 12, 73.	1.9	108
3	Estimation of Water Stress in Grapevines Using Proximal and Remote Sensing Methods. <i>Remote Sensing</i> , 2018, 10, 114.	4.0	90
4	Seasonal variation of monoterpene emission from <i>Malus domestica</i> and <i>Prunus avium</i> . <i>Phytochemistry</i> , 2001, 57, 681-687.	2.9	63
5	Annual and monthly carbon balance in an intensively managed Mediterranean olive orchard. <i>Photosynthetica</i> , 2013, 51, 63-74.	1.7	51
6	Ecophysiological and micromorphological characterization of green roof vegetation for urban mitigation. <i>Urban Forestry and Urban Greening</i> , 2019, 37, 24-32.	5.3	40
7	Light environment, growth and morphogenesis in a peach tree canopy. <i>Physiologia Plantarum</i> , 1994, 91, 339-345.	5.2	38
8	Soil Moisture Measurements: Comparison of Instrumentation Performances. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2010, 136, 81-89.	1.0	36
9	Monoterpene emission responses to elevated CO ₂ in a Mediterranean-type ecosystem. <i>New Phytologist</i> , 2004, 161, 17-21.	7.3	24
10	Light effects on in vitro rooting of pear cultivars of different rhizogenic ability. <i>Plant Cell, Tissue and Organ Culture</i> , 1995, 41, 139-143.	2.3	20
11	Chemical Ecology of <i>Capnodis tenebrionis</i> (L.) (Coleoptera: Buprestidae): Behavioral and Biochemical Strategies for Intraspecific and Host Interactions. <i>Frontiers in Physiology</i> , 2019, 10, 604.	2.8	16
12	THE EFFECT OF LIGHT QUALITY IN <i>Prunus cerasus</i> . I. PHOTORECEPTORS INVOLVED IN INTERNODE ELONGATION AND LEAF EXPANSION IN JUVENILE PLANTS. <i>Photochemistry and Photobiology</i> , 1992, 56, 541-544.	2.5	15
13	Micrometeorological test of microsprinklers for frost protection of fruit orchards in Northern Italy. <i>Physics and Chemistry of the Earth</i> , 2002, 27, 1103-1107.	2.9	15
14	Stress markers and physiochemical responses of the Mediterranean shrub <i>Phillyrea angustifolia</i> under current and future drought and ozone scenarios. <i>Environmental Research</i> , 2021, 201, 111615.	7.5	15
15	Photomorphogenic effects on in vitro rooting of <i>Prunus roostock</i> GF 655-2. <i>Plant Cell, Tissue and Organ Culture</i> , 1993, 32, 145-151.	2.3	14
16	Date palm responses to a chronic, realistic ozone exposure in a FACE experiment. <i>Environmental Research</i> , 2021, 195, 110868.	7.5	14
17	Distinct Particle Films Impacts on Olive Leaf Optical Properties and Plant Physiology. <i>Foods</i> , 2021, 10, 1291.	4.3	13
18	Headspace gas composition in four <i>Prunus avium</i> cultivars with differing photosynthetic capabilities. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 1992, 28, 179-182.	2.1	12

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19	Meteorological and micrometeorological applications to frost monitoring in northern Italy orchards. <i>Physics and Chemistry of the Earth</i> , 2002, 27, 1077-1089.	2.9	10
20	Intensive measurements of gas, water, and energy exchange between vegetation and troposphere during the MONTES campaign in a vegetation gradient from short semi-desertic shrublands to tall wet temperate forests in the NW Mediterranean Basin. <i>Atmospheric Environment</i> , 2013, 75, 348-364.	4.1	9
21	Impact of Drought and Salinity on Sweetgum Tree (<i>Liquidambar styraciflua</i> L.): Understanding Tree Ecophysiological Responses in the Urban Context. <i>Forests</i> , 2019, 10, 1032.	2.1	9
22	Carbon, Water and Energy Fluxes of Terrestrial Ecosystems in Italy. <i>Environmental Science and Engineering</i> , 2015, , 11-45.	0.2	8
23	Four-year measurement of net ecosystem gas exchange of switchgrass in a Mediterranean climate after long-term arable land use. <i>GCB Bioenergy</i> , 2019, 11, 466-482.	5.6	7
24	Light transmittance and sunlit leaf area estimation in a peach canopy. <i>The Journal of Horticultural Science</i> , 1997, 72, 271-283.	0.3	6
25	Optical properties of juniper and lentisk canopies in a coastal Mediterranean macchia shrubland. <i>Trees - Structure and Function</i> , 2001, 15, 462-471.	1.9	5
26	Determination of peach leaf area index by radiation measurements. <i>The Journal of Horticultural Science</i> , 1995, 70, 683-689.	0.3	4
27	RELATIONSHIPS BETWEEN CANOPY STRUCTURE AND WIND SPEED PATTERN IN A PEACH TREE. <i>Acta Horticulturae</i> , 1992, , 157-164.	0.2	3
28	CANOPY AND LEAF LIGHT REFLECTANCE FEATURES IN RELATION TO WATER CONTENT IN APPLE. <i>Acta Horticulturae</i> , 2004, , 217-224.	0.2	3
29	Ozone impairs the response of isoprene emission to foliar nitrogen and phosphorus in poplar. <i>Environmental Pollution</i> , 2020, 267, 115679.	7.5	2
30	CANOPY OBSERVATIONS OF A TABLE GRAPE VINEYARD: RADIATION BALANCE, ENERGY PARTITIONING AND CO2 FLUXES. <i>Acta Horticulturae</i> , 2007, , 611-615.	0.2	2
31	Carbon balance and energy fluxes of a Mediterranean crop. <i>Journal of Agricultural Engineering</i> , 2013, 44, .	1.5	0
32	Biogenic Volatile Organic Compound Emissions. <i>Environmental Science and Engineering</i> , 2015, , 47-57.	0.2	0