

Maria Cecilia Rousseaux

List of Publications by Year in descending order

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46
papers

2,086
citations

218677

26
h-index

233421

45
g-index

46
all docs

46
docs citations

46
times ranked

1806
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure, management and productivity of hedgerow olive orchards: A review. <i>Scientia Horticulturae</i> , 2014, 169, 71-93.	3.6	154
2	Impacts of solar ultraviolet-B radiation on terrestrial ecosystems of Tierra del Fuego (southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	3.8	140
3	QTL analysis of fruit antioxidants in tomato using <i>Lycopersicon pennellii</i> introgression lines. <i>Theoretical and Applied Genetics</i> , 2005, 111, 1396-1408.	3.6	140
4	Ozone depletion and UVB radiation: Impact on plant DNA damage in southern South America. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 15310-15315.	7.1	131
5	Solar ultraviolet-B radiation affects plant-insect interactions in a natural ecosystem of Tierra del Fuego (southern Argentina). <i>Oecologia</i> , 1998, 116, 528-535.	2.0	114
6	Solar UV-B radiation affects leaf quality and insect herbivory in the southern beech tree <i>Nothofagus antarctica</i> . <i>Oecologia</i> , 2004, 138, 505-512.	2.0	98
7	Contrasting patterns of fatty acid composition and oil accumulation during fruit growth in several olive varieties and locations in a non-Mediterranean region. <i>European Journal of Agronomy</i> , 2014, 52, 237-246.	4.1	97
8	Olive Cultivation in the Southern Hemisphere: Flowering, Water Requirements and Oil Quality Responses to New Crop Environments. <i>Frontiers in Plant Science</i> , 2017, 8, 1830.	3.6	95
9	Responses to temperature of fruit dry weight, oil concentration, and oil fatty acid composition in olive (<i>Olea europaea</i> L. var. "Arauco"™). <i>European Journal of Agronomy</i> , 2014, 54, 107-115.	4.1	90
10	Fatty acid profiles of varietal virgin olive oils (&i&tOlea europaea&i&t; L.) from mature orchards in warm arid valleys of Northwestern Argentina (La Rioja). <i>Grasas Y Aceites</i> , 2011, 62, 399-409.	0.9	83
11	Solar ultraviolet-B radiation influence on Sphagnum bog and Carex fen ecosystems: first field season findings in Tierra del Fuego, Argentina. <i>Global Change Biology</i> , 1999, 5, 225-234.	9.5	74
12	Plant response to solar ultraviolet-B radiation in a southern South American Sphagnum peatland. <i>Journal of Ecology</i> , 2002, 90, 704-713.	4.0	68
13	Seasonal variations in sap flow and soil evaporation in an olive (<i>Olea europaea</i> L.) grove under two irrigation regimes in an arid region of Argentina. <i>Agricultural Water Management</i> , 2009, 96, 1037-1044.	5.6	65
14	Plant growth and yield responses in olive (<i>Olea europaea</i>) to different irrigation levels in an arid region of Argentina. <i>Agricultural Water Management</i> , 2010, 97, 1829-1837.	5.6	62
15	Responses to solar ultraviolet-B radiation in a shrub-dominated natural ecosystem of Tierra del Fuego (southern Argentina). <i>Global Change Biology</i> , 2001, 7, 467-478.	9.5	61
16	Directed overexpression of PHYA locally suppresses stem elongation and leaf senescence responses to far-red radiation. <i>Plant, Cell and Environment</i> , 1997, 20, 1551-1558.	5.7	58
17	Influence of light environment on yield determinants and components in large olive hedgerows following mechanical pruning in the subtropics of the Southern Hemisphere. <i>Scientia Horticulturae</i> , 2012, 137, 36-42.	3.6	50
18	Fruit, yield, and vegetative growth responses to photosynthetically active radiation during oil synthesis in olive trees. <i>Scientia Horticulturae</i> , 2013, 150, 110-116.	3.6	46

#	ARTICLE	IF	CITATIONS
19	Plant Responses to Current Solar Ultraviolet-B Radiation and to Supplemented Solar Ultraviolet-B Radiation Simulating Ozone Depletion: An Experimental Comparison. <i>Photochemistry and Photobiology</i> , 2004, 80, 224.	2.5	46
20	Basal leaf senescence in a sunflower (<i>Helianthus annuus</i>) canopy: responses to increased R/FR ratio. <i>Physiologia Plantarum</i> , 2000, 110, 477-482.	5.2	36
21	Evaluation of olive flowering at low latitude sites in Argentina using a chilling requirement model. <i>Spanish Journal of Agricultural Research</i> , 2015, 13, e0901.	0.6	35
22	Responses of several soil and plant indicators to post-harvest regulated deficit irrigation in olive trees and their potential for irrigation scheduling. <i>Agricultural Water Management</i> , 2016, 171, 10-20.	5.6	33
23	Leaf-level responses of olive trees (<i>Olea europaea</i>) to the suspension of irrigation during the winter in an arid region of Argentina. <i>Scientia Horticulturae</i> , 2008, 115, 135-141.	3.6	31
24	Light Environment, Nitrogen Content, and Carbon Balance of Basal Leaves of Sunflower Canopies. <i>Crop Science</i> , 1999, 39, 1093-1100.	1.8	29
25	Responses of vegetative growth and fruit yield to winter and summer mechanical pruning in olive trees. <i>Scientia Horticulturae</i> , 2017, 225, 185-194.	3.6	28
26	Root length density and soil water distribution in drip-irrigated olive orchards in Argentina under arid conditions. <i>Crop and Pasture Science</i> , 2009, 60, 280.	1.5	27
27	Opposite oleic acid responses to temperature in oils from the seed and mesocarp of the olive fruit. <i>European Journal of Agronomy</i> , 2016, 76, 138-147.	4.1	27
28	Proportion of oleic acid in olive oil as influenced by the dimensions of the daily temperature oscillation. <i>Scientia Horticulturae</i> , 2018, 227, 305-312.	3.6	22
29	Responses of olive tree yield determinants and components to shading during potentially critical phenological phases. <i>Scientia Horticulturae</i> , 2015, 184, 70-77.	3.6	17
30	Elevated temperature affects vegetative growth and fruit oil concentration in olive trees (<i>Olea</i>). <i>Tree Physiology</i> , 2010, 30, 107-112.	0.2	12
31	Sap Flow Responses to Warming and Fruit Load in Young Olive Trees. <i>Frontiers in Plant Science</i> , 2019, 10, 1199.	3.6	11
32	Plant responses to current solar ultraviolet-B radiation and to supplemented solar ultraviolet-B radiation simulating ozone depletion: an experimental comparison. <i>Photochemistry and Photobiology</i> , 2004, 80, 224-30.	2.5	11
33	Title is missing!. <i>Plant Ecology</i> , 2003, 169, 43-51.	1.6	10
34	Fatty acid composition of olive oil in response to fruit canopy position and artificial shading. <i>Scientia Horticulturae</i> , 2020, 271, 109477.	3.6	10
35	Effects of prolonged elevated temperature on leaf gas exchange and other leaf traits in young olive trees. <i>Tree Physiology</i> , 2021, 41, 254-268.	3.1	10
36	Impact of simulated mechanical hedge pruning and wood age on new shoot demography and return flowering in olive trees. <i>Trees - Structure and Function</i> , 2018, 32, 1767-1777.	1.9	9

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37	Influence of environmental growth temperature on tocopherol and sterol oil concentrations in olive fruit. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 2741-2749.	3.5	9
38	Complementary active heating methods for evaluating the responses of young olive trees to warming. <i>Scientia Horticulturae</i> , 2019, 257, 108754.	3.6	8
39	Plant Responses to Current Solar Ultraviolet-B Radiation and to Supplemented Solar Ultraviolet-B Radiation Simulating Ozone Depletion: An Experimental Comparison. <i>Photochemistry and Photobiology</i> , 2004, 80, 224-230.	2.5	7
40	Oil yield components and biomass production responses to warming during the oil accumulation phase in young olive trees. <i>Scientia Horticulturae</i> , 2022, 291, 110618.	3.6	6
41	Light Quality Environment and Photomorphological Responses of Young Olive Trees. <i>Horticulturae</i> , 2021, 7, 369.	2.8	6
42	Spring reproductive and vegetative phenology of olive (<i>Olea europaea</i> L.) cultivars at different air temperatures along a latitudinal-altitudinal gradient in Argentina. <i>Scientia Horticulturae</i> , 2022, 304, 111327.	3.6	6
43	Yield and water productivity responses of olive trees (cv. Manzanilla) to post-harvest deficit irrigation in a non-Mediterranean climate. <i>Agricultural Water Management</i> , 2021, 245, 106562.	5.6	5
44	Soil evaporation beneath and between olive trees in a non-Mediterranean climate under two contrasting irrigation regimes. <i>Journal of Arid Environments</i> , 2013, 97, 182-189.	2.4	4
45	Responses of shoot growth, return flowering, and fruit yield to post-pruning practices and growth regulator application in olive trees. <i>Scientia Horticulturae</i> , 2019, 254, 163-171.	3.6	4
46	Basal leaf senescence in a sunflower (<i>Helianthus annuus</i>) canopy: responses to increased R/FR ratio. <i>Physiologia Plantarum</i> , 2000, 110, 477-482.	5.2	1