Maria Cecilia Rousseaux

List of Publications by Year
in descending order

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	Oil yield components and biomass production responses to warming during the oil accumulation phase in young olive trees. Scientia Horticulturae, 2022, 291, 110618.	3.6	6
2	Influence of environmental growth temperature on tocopherol and sterol oil concentrations in olive fruit. Journal of the Science of Food and Agriculture, 2022, 102, 2741-2749.	3.5	9
3	Spring reproductive and vegetative phenology of olive (Olea europaea L.) cultivars at different air temperatures along a latitudinal-altitudinal gradient in Argentina. Scientia Horticulturae, 2022, 304, 111327.	3.6	6
4	Yield and water productivity responses of olive trees (cv. Manzanilla) to post-harvest deficit irrigation in a non-Mediterranean climate. Agricultural Water Management, 2021, 245, 106562.	5.6	5
5	Effects of prolonged elevated temperature on leaf gas exchange and other leaf traits in young olive trees. Tree Physiology, 2021, 41, 254-268.	3.1	10
6	Light Quality Environment and Photomorphological Responses of Young Olive Trees. Horticulturae, 2021, 7, 369.	2.8	6
7	Fatty acid composition of olive oil in response to fruit canopy position and artificial shading. Scientia Horticulturae, 2020, 271, 109477.	3.6	10
8	Complementary active heating methods for evaluating the responses of young olive trees to warming. Scientia Horticulturae, 2019, 257, 108754.	3.6	8
9	Sap Flow Responses to Warming and Fruit Load in Young Olive Trees. Frontiers in Plant Science, 2019, 10, 1199.	3.6	11
10	Responses of shoot growth, return flowering, and fruit yield to post-pruning practices and growth regulator application in olive trees. Scientia Horticulturae, 2019, 254, 163-171.	3.6	4
11	Proportion of oleic acid in olive oil as influenced by the dimensions of the daily temperature oscillation. Scientia Horticulturae, 2018, 227, 305-312.	3.6	22
12	Elevated temperature affects vegetative growth and fruit oil concentration in olive trees (<i>Olea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.2	12
13	Impact of simulated mechanical hedge pruning and wood age on new shoot demography and return flowering in olive trees. Trees - Structure and Function, 2018, 32, 1767-1777.	1.9	9
14	Responses of vegetative growth and fruit yield to winter and summer mechanical pruning in olive trees. Scientia Horticulturae, 2017, 225, 185-194.	3.6	28
15	Olive Cultivation in the Southern Hemisphere: Flowering, Water Requirements and Oil Quality Responses to New Crop Environments. Frontiers in Plant Science, 2017, 8, 1830.	3.6	95
16	Opposite oleic acid responses to temperature in oils from the seed and mesocarp of the olive fruit. European Journal of Agronomy, 2016, 76, 138-147.	4.1	27
17	Responses of several soil and plant indicators to post-harvest regulated deficit irrigation in olive trees and their potential for irrigation scheduling. Agricultural Water Management, 2016, 171, 10-20.	5.6	33
18	Responses of olive tree yield determinants and components to shading during potentially critical phenological phases. Scientia Horticulturae, 2015, 184, 70-77.	3.6	17

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19	Evaluation of olive flowering at low latitude sites in Argentina using a chilling requirement model. Spanish Journal of Agricultural Research, 2015, 13, e0901.	0.6	35
20	Responses to temperature of fruit dry weight, oil concentration, and oil fatty acid composition in olive (Olea europaea L. var. â€˜Araucoâ€™). European Journal of Agronomy, 2014, 54, 107-115.	4.1	90
21	Structure, management and productivity of hedgerow olive orchards: A review. Scientia Horticulturae, 2014, 169, 71-93.	3.6	154
22	Contrasting patterns of fatty acid composition and oil accumulation during fruit growth in several olive varieties and locations in a non-Mediterranean region. European Journal of Agronomy, 2014, 52, 237-246.	4.1	97
23	Fruit, yield, and vegetative growth responses to photosynthetically active radiation during oil synthesis in olive trees. Scientia Horticulturae, 2013, 150, 110-116.	3.6	46
24	Soil evaporation beneath and between olive trees in a non-Mediterranean climate under two contrasting irrigation regimes. Journal of Arid Environments, 2013, 97, 182-189.	2.4	4
25	Influence of light environment on yield determinants and components in large olive hedgerows following mechanical pruning in the subtropics of the Southern Hemisphere. Scientia Horticulturae, 2012, 137, 36-42.	3.6	50
26	Fatty acid profiles of varietal virgin olive oils (<i>Olea europaea</i> L.) from mature orchards in warm arid valleys of Northwestern Argentina (La Rioja). Grasas Y Aceites, 2011, 62, 399-409.	0.9	83
27	Plant growth and yield responses in olive (Olea europaea) to different irrigation levels in an arid region of Argentina. Agricultural Water Management, 2010, 97, 1829-1837.	5.6	62
28	Seasonal variations in sap flow and soil evaporation in an olive (Olea europaea L.) grove under two irrigation regimes in an arid region of Argentina. Agricultural Water Management, 2009, 96, 1037-1044.	5.6	65
29	Root length density and soil water distribution in drip-irrigated olive orchards in Argentina under arid conditions. Crop and Pasture Science, 2009, 60, 280.	1.5	27
30	Leaf-level responses of olive trees (Olea europaea) to the suspension of irrigation during the winter in an arid region of Argentina. Scientia Horticulturae, 2008, 115, 135-141.	3.6	31
31	QTL analysis of fruit antioxidants in tomato using Lycopersicon pennellii introgression lines. Theoretical and Applied Genetics, 2005, 111, 1396-1408.	3.6	140
32	Solar UV-B radiation affects leaf quality and insect herbivory in the southern beech tree Nothofagus antarctica. Oecologia, 2004, 138, 505-512.	2.0	98
33	Plant Responses to Current Solar Ultravioletâ€B Radiation and to Supplemented Solar Ultravioletâ€B Radiation Simulating Ozone Depletion: An Experimental Comparison^{Â¶}. Photochemistry and Photobiology, 2004, 80, 224-230.	2.5	7
34	Plant Responses to Current Solar Ultraviolet-B Radiation and to Supplemented Solar Ultraviolet-B Radiation Simulating Ozone Depletion: An Experimental ComparisonÂ¶. Photochemistry and Photobiology, 2004, 80, 224.	2.5	46
35	Plant responses to current solar ultraviolet-B radiation and to supplemented solar ultraviolet-B radiation simulating ozone depletion: an experimental comparison. Photochemistry and Photobiology, 2004, 80, 224-30.	2.5	11
36	Title is missing!. Plant Ecology, 2003, 169, 43-51.	1.6	10

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37	Plant response to solar ultraviolet-B radiation in a southern South American Sphagnum peatland. Journal of Ecology, 2002, 90, 704-713.	4.0	68
38	Responses to solar ultraviolet-B radiation in a shrub-dominated natural ecosystem of Tierra del Fuego (southern Argentina). Global Change Biology, 2001, 7, 467-478.	9.5	61
39	Impacts of solar ultraviolet-B radiation on terrestrial ecosystems of Tierra del Fuego (southern) Tj ETQq1 1 0.784314 rgBT /Overlock 1	3.8	140
40	Basal leaf senescence in a sunflower (Helianthus annuus) canopy: responses to increased R/FR ratio. Physiologia Plantarum, 2000, 110, 477-482.	5.2	36
41	Basal leaf senescence in a sunflower (Helianthus annuus) canopy: responses to increased R/FR ratio. Physiologia Plantarum, 2000, 110, 477-482.	5.2	1
42	Light Environment, Nitrogen Content, and Carbon Balance of Basal Leaves of Sunflower Canopies. Crop Science, 1999, 39, 1093-1100.	1.8	29
43	Ozone depletion and UVB radiation: Impact on plant DNA damage in southern South America. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 15310-15315.	7.1	131
44	Solar ultravioletâ€Ð radiation influence on Sphagnum bog and Carex fen ecosystems: first field season findings in Tierra del Fuego, Argentina. Global Change Biology, 1999, 5, 225-234.	9.5	74
45	Solar ultraviolet-B radiation affects plant-insect interactions in a natural ecosystem of Tierra del Fuego (southern Argentina). Oecologia, 1998, 116, 528-535.	2.0	114
46	Directed overexpression of PHYA locally suppresses stem elongation and leaf senescence responses to far-red radiation. Plant, Cell and Environment, 1997, 20, 1551-1558.	5.7	58