

# Peter S Searles

## List of Publications by Year in descending order

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54  
papers

3,021  
citations

185998

28  
h-index

168136

53  
g-index

54  
all docs

54  
docs citations

54  
times ranked

2240  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.7	6
2	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.	1.7	9
3	Thermal regime and cultivar effects on squalene and sterol contents in olive fruits: Results from a field network in different Argentinian environments. <i>Scientia Horticulturae</i> , 2022, 303, 111230.	1.7	5
4	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.	1.7	6
5	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.	2.4	5
6	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.	1.4	10
7	Light Quality Environment and Photomorphological Responses of Young Olive Trees. <i>Horticulturae</i> , 2021, 7, 369.	1.2	6
8	Establishing a Reference Baseline for Midday Stem Water Potential in Olive and Its Use for Plant-Based Irrigation Management. <i>Frontiers in Plant Science</i> , 2021, 12, 791711.	1.7	14
9	Fatty acid composition of olive oil in response to fruit canopy position and artificial shading. <i>Scientia Horticulturae</i> , 2020, 271, 109477.	1.7	10
10	Complementary active heating methods for evaluating the responses of young olive trees to warming. <i>Scientia Horticulturae</i> , 2019, 257, 108754.	1.7	8
11	Sap Flow Responses to Warming and Fruit Load in Young Olive Trees. <i>Frontiers in Plant Science</i> , 2019, 10, 1199.	1.7	11
12	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.	1.7	4
13	Estimation of stomatal conductance and stem water potential threshold values for water stress in olive trees (cv. Arbequina). <i>Irrigation Science</i> , 2019, 37, 461-467.	1.3	36
14	Olive oil quality response to irrigation cut-off strategies in a super-high density orchard. <i>Agricultural Water Management</i> , 2018, 202, 81-88.	2.4	31
15	Fruit, mesocarp, and endocarp responses to crop load and to different estimates of source: sink ratio in olive (cv. Arauco) at final harvest. <i>Scientia Horticulturae</i> , 2018, 234, 49-57.	1.7	14
16	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.	0.9	9
17	Responses of vegetative growth and fruit yield to winter and summer mechanical pruning in olive trees. <i>Scientia Horticulturae</i> , 2017, 225, 185-194.	1.7	28
18	Yield and Water Productivity Responses to Irrigation Cut-off Strategies after Fruit Set Using Stem Water Potential Thresholds in a Super-High Density Olive Orchard. <i>Frontiers in Plant Science</i> , 2017, 8, 1280.	1.7	62

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19	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.	1.7	95
20	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.	2.4	33
21	Responses of olive tree yield determinants and components to shading during potentially critical phenological phases. <i>Scientia Horticulturae</i> , 2015, 184, 70-77.	1.7	17
22	Dynamics of shoot and fruit growth following fruit thinning in olive trees: Same season and subsequent season responses. <i>Scientia Horticulturae</i> , 2015, 192, 320-330.	1.7	24
23	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.	0.3	35
24	Structure, management and productivity of hedgerow olive orchards: A review. <i>Scientia Horticulturae</i> , 2014, 169, 71-93.	1.7	154
25	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.	1.9	97
26	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.	1.2	4
27	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.	1.7	50
28	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). <i>Grasas Y Aceites</i> , 2011, 62, 399-409.	0.3	83
29	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.	2.4	62
30	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.	2.4	65
31	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.	0.7	27
32	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.	1.7	31
33	Field Testing of Biological Spectral Weighting Functions for Induction of UV-absorbing Compounds in Higher Plants. <i>Photochemistry and Photobiology</i> , 2004, 79, 399.	1.3	40
34	Growth responses to ultraviolet-B radiation of two <i>Carex</i> species dominating an Argentinian fen ecosystem. <i>Basic and Applied Ecology</i> , 2004, 5, 153-162.	1.2	10
35	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.	0.9	98
36	Field Testing of Biological Spectral Weighting Functions for Induction of UV-absorbing Compounds in Higher Plants. <i>Photochemistry and Photobiology</i> , 2004, 79, 399-403.	1.3	2

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37	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, 224-230.	1.3	7
38	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.	1.3	46
39	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.	1.3	11
40	Title is missing!. Plant Ecology, 2003, 169, 43-51.	0.7	10
41	Nitrate photo-assimilation in tomato leaves under short-term exposure to elevated carbon dioxide and low oxygen. Plant, Cell and Environment, 2003, 26, 1247-1255.	2.8	52
42	Nitrogen assimilation and growth of wheat under elevated carbon dioxide. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1730-1735.	3.3	193
43	Plant response to solar ultraviolet-B radiation in a southern South American Sphagnum peatland. Journal of Ecology, 2002, 90, 704-713.	1.9	68
44	A meta-analysis of plant field studies simulating stratospheric ozone depletion. Oecologia, 2001, 127, 1-10.	0.9	430
45	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.	4.2	61
46	Impacts of solar ultraviolet-B radiation on terrestrial ecosystems of Tierra del Fuego (southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	1.7	140
47	Influence of solar UV-B radiation on peatland microbial communities of southern Argentina. New Phytologist, 2001, 152, 213-221.	3.5	70
48	Non-invasive measurements of leaf epidermal transmittance of UV radiation using chlorophyll fluorescence: field and laboratory studies. Physiologia Plantarum, 2000, 109, 274-283.	2.6	68
49	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.	3.3	131
50	Solar ultraviolet-B 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.	4.2	74
51	Solar ultraviolet-B radiation affects plant-insect interactions in a natural ecosystem of Tierra del Fuego (southern Argentina). Oecologia, 1998, 116, 528-535.	0.9	114
52	The response of five tropical dicotyledon species to solar ultraviolet-B radiation. American Journal of Botany, 1995, 82, 445-453.	0.8	94
53	The response of five tropical dicotyledon species to solar ultraviolet-B radiation. , 1995, 82, 445.		46
54	Spectral balance and UV-B sensitivity of soybean: a field experiment. Plant, Cell and Environment, 1994, 17, 267-276.	2.8	205