

# Ana Morales-Sillero

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6432439/publications.pdf>

Version: 2024-02-01

29  
papers

1,069  
citations

516215

16  
h-index

476904

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1342  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperspectral indices and model simulation for chlorophyll estimation in open-canopy tree crops. <i>Remote Sensing of Environment</i> , 2004, 90, 463-476.	4.6	332
2	A regulated deficit irrigation strategy for hedgerow olive orchards with high plant density. <i>Plant and Soil</i> , 2013, 372, 279-295.	1.8	110
3	Quality of olives: A focus on agricultural preharvest factors. <i>Scientia Horticulturae</i> , 2018, 233, 491-509.	1.7	88
4	Shoot hydraulic characteristics, plant water status and stomatal response in olive trees under different soil water conditions. <i>Plant and Soil</i> , 2013, 373, 77-87.	1.8	69
5	Bioactive compounds in Mexican genotypes of cocoa cotyledon and husk. <i>Food Chemistry</i> , 2018, 240, 831-839.	4.2	56
6	Cocoa bean husk: industrial source of antioxidant phenolic extract. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 325-333.	1.7	40
7	Influence of Fertigation in "Manzanilla de Sevilla"™ Olive Oil Quality. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2007, 42, 1157-1162.	0.5	36
8	Virgin olive oil quality of hedgerow "Arbequina"™ olive trees under deficit irrigation. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 1018-1026.	1.7	33
9	Suitability of Two Table Olive Cultivars ("Manzanilla de Sevilla"™ and "Manzanilla Cacereña"™) for Mechanical Harvesting in Superhigh-density Hedgerows. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2014, 49, 1028-1033.	0.5	32
10	Feasibility of NIR spectroscopy for non-destructive characterization of table olive traits. <i>Journal of Food Engineering</i> , 2011, 107, 99-106.	2.7	28
11	High-Throughput System for the Early Quantification of Major Architectural Traits in Olive Breeding Trials Using UAV Images and OBIA Techniques. <i>Frontiers in Plant Science</i> , 2019, 10, 1472.	1.7	26
12	Plant-soil interactions in a fertigated "Manzanilla de Sevilla"™ olive orchard. <i>Plant and Soil</i> , 2009, 319, 147-162.	1.8	25
13	Deficit irrigation and fertigation practices in olive growing: Convergences and divergences in two case studies. <i>Plant Biosystems</i> , 2008, 142, 138-148.	0.8	24
14	Evaluation of Over-The-Row Harvester Damage in a Super-High-Density Olive Orchard Using On-Board Sensing Techniques. <i>Sensors</i> , 2018, 18, 1242.	2.1	22
15	Is the productive performance of olive trees under localized irrigation affected by leaving some roots in drying soil?. <i>Agricultural Water Management</i> , 2013, 123, 79-92.	2.4	18
16	New genotypes of table olives: profile of bioactive compounds. <i>International Journal of Food Science and Technology</i> , 2012, 47, 2334-2341.	1.3	16
17	Impact assessment of mechanical harvest on fruit physiology and consequences on oil physicochemical and sensory quality from "Manzanilla de Sevilla"™ and "Manzanilla Cacereña"™ superhigh-density hedgerows. A preliminary study. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 2445-2453.	1.7	16
18	Exploring UAV-imagery to support genotype selection in olive breeding programs. <i>Scientia Horticulturae</i> , 2020, 273, 109615.	1.7	16

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19	Internal fruit damage in table olive cultivars under superhigh-density hedgerows. <i>Postharvest Biology and Technology</i> , 2017, 132, 130-137.	2.9	15
20	Olive fruit pulp and pit growth under differing nutrient supply. <i>Scientia Horticulturae</i> , 2008, 117, 182-184.	1.7	10
21	Cold storage of "Manzanilla de Sevilla"™ and "Manzanilla Cacereña"™ mill olives from super-high density orchards. <i>Food Chemistry</i> , 2017, 237, 1216-1225.	4.2	10
22	Rapid screening of unground cocoa beans based on their content of bioactive compounds by NIR spectroscopy. <i>Food Control</i> , 2022, 131, 108347.	2.8	10
23	Olive Seed Germination and Initial Seedling Vigor as Influenced by Stratification Treatment and the Female Parent. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2012, 47, 1672-1678.	0.5	10
24	Viability of near infrared spectroscopy for a rapid analysis of the bioactive compounds in intact cocoa bean husk. <i>Food Control</i> , 2021, 120, 107526.	2.8	8
25	Elaboration of Table Olives: Assessment of New Olive Genotypes. <i>European Journal of Lipid Science and Technology</i> , 2018, 120, 1800008.	1.0	7
26	Calcium applications throughout fruit development enhance olive quality, oil yield, and antioxidant compounds' content. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 1944-1952.	1.7	5
27	Variability of first flower to ground distance in olive seedlings and its relationship with the length of the juvenile period and the parent genotype. <i>Scientia Horticulturae</i> , 2011, 129, 747-751.	1.7	4
28	Bruising response in "Manzanilla de Sevilla"™ olives to RDI strategies based on water potential. <i>Agricultural Water Management</i> , 2019, 222, 265-273.	2.4	2
29	Assessment of quantitative parameters for evaluating impact bruising structural damage in olive fruit tissue. <i>Scientia Horticulturae</i> , 2017, 224, 293-295.	1.7	1