

Ana Morales-Sillero

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,069
citations

516710

16
h-index

477307

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.	11.0	332
2	A regulated deficit irrigation strategy for hedgerow olive orchards with high plant density. <i>Plant and Soil</i> , 2013, 372, 279-295.	3.7	110
3	Quality of olives: A focus on agricultural preharvest factors. <i>Scientia Horticulturae</i> , 2018, 233, 491-509.	3.6	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.	3.7	69
5	Bioactive compounds in Mexican genotypes of cocoa cotyledon and husk. <i>Food Chemistry</i> , 2018, 240, 831-839.	8.2	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.	3.5	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.	1.0	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.	3.5	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.	1.0	32
10	Feasibility of NIR spectroscopy for non-destructive characterization of table olive traits. <i>Journal of Food Engineering</i> , 2011, 107, 99-106.	5.2	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.	3.6	26
12	Plant-soil interactions in a fertigated "Manzanilla de Sevilla"™ olive orchard. <i>Plant and Soil</i> , 2009, 319, 147-162.	3.7	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.	1.6	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.	3.8	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.	5.6	18
16	New genotypes of table olives: profile of bioactive compounds. <i>International Journal of Food Science and Technology</i> , 2012, 47, 2334-2341.	2.7	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.	3.5	16
18	Exploring UAV-imagery to support genotype selection in olive breeding programs. <i>Scientia Horticulturae</i> , 2020, 273, 109615.	3.6	16

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19	Internal fruit damage in table olive cultivars under superhigh-density hedgerows. Postharvest Biology and Technology, 2017, 132, 130-137.	6.0	15
20	Olive fruit pulp and pit growth under differing nutrient supply. Scientia Horticulturae, 2008, 117, 182-184.	3.6	10
21	Cold storage of "Manzanilla de Sevilla"™ and "Manzanilla Cacereña"™ mill olives from super-high density orchards. Food Chemistry, 2017, 237, 1216-1225.	8.2	10
22	Rapid screening of unground cocoa beans based on their content of bioactive compounds by NIR spectroscopy. Food Control, 2022, 131, 108347.	5.5	10
23	Olive Seed Germination and Initial Seedling Vigor as Influenced by Stratification Treatment and the Female Parent. Hortscience: A Publication of the American Society for Horticultural Science, 2012, 47, 1672-1678.	1.0	10
24	Viability of near infrared spectroscopy for a rapid analysis of the bioactive compounds in intact cocoa bean husk. Food Control, 2021, 120, 107526.	5.5	8
25	Elaboration of Table Olives: Assessment of New Olive Genotypes. European Journal of Lipid Science and Technology, 2018, 120, 1800008.	1.5	7
26	Calcium applications throughout fruit development enhance olive quality, oil yield, and antioxidant compounds' content. Journal of the Science of Food and Agriculture, 2021, 101, 1944-1952.	3.5	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. Scientia Horticulturae, 2011, 129, 747-751.	3.6	4
28	Bruising response in "Manzanilla de Sevilla"™ olives to RDI strategies based on water potential. Agricultural Water Management, 2019, 222, 265-273.	5.6	2
29	Assessment of quantitative parameters for evaluating impact bruising structural damage in olive fruit tissue. Scientia Horticulturae, 2017, 224, 293-295.	3.6	1