

Ran Erel

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,032
citations

394421
19
h-index

552781
26
g-index

28
all docs

28
docs citations

28
times ranked

1132
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical processes in receiving soils—accelerate solubilisation of phosphorus from desert dust and fire ash. <i>European Journal of Soil Science</i> , 2022, 73, .	3.9	1
2	Direct foliar uptake of phosphorus from desert dust. <i>New Phytologist</i> , 2021, 230, 2213-2225.	7.3	18
3	Strontium as a tracer for calcium: uptake, transport and partitioning within tomato plants. <i>Plant and Soil</i> , 2021, 466, 303-316.	3.7	10
4	Long-Term Impact of Phosphorous Fertilization on Yield and Alternate Bearing in Intensive Irrigated Olive Cultivation. <i>Plants</i> , 2021, 10, 1821.	3.5	8
5	Root Development of Bell Pepper (<i>Capsicum annuum</i> L.) as Affected by Water Salinity and Sink Strength. <i>Plants</i> , 2020, 9, 35.	3.5	5
6	Root structural plasticity enhances salt tolerance in mature olives. <i>Environmental and Experimental Botany</i> , 2020, 179, 104224.	4.2	28
7	Generating a high-resolution map of labile soil phosphorus using ferrous oxide—impregnated paper combined with scanning electron microscopy. <i>Soil Science Society of America Journal</i> , 2020, 84, 262-273.	2.2	3
8	Sustainable Management of Olive Orchard Nutrition: A Review. <i>Agriculture (Switzerland)</i> , 2020, 10, 11.	3.1	63
9	Excessive nitrogen impairs hydraulics, limits photosynthesis, and alters the metabolic composition of almond trees. <i>Plant Physiology and Biochemistry</i> , 2019, 143, 265-274.	5.8	36
10	Long-Term Impact of Potassium Fertilization on Soil and Productivity in Intensive Olive Cultivation. <i>Agronomy</i> , 2019, 9, 525.	3.0	16
11	Microbial Consortia versus Single-Strain Inoculants: An Advantage in PGPM-Assisted Tomato Production?. <i>Agronomy</i> , 2019, 9, 105.	3.0	99
12	Long-term irrigation with reclaimed wastewater: Implications on nutrient management, soil chemistry and olive (<i>Olea europaea</i> L.) performance. <i>Agricultural Water Management</i> , 2019, 213, 324-335.	5.6	70
13	Significance of proper nitrogen fertilization for olive productivity in intensive cultivation. <i>Scientia Horticulturae</i> , 2019, 246, 710-717.	3.6	37
14	Fruit load governs transpiration of olive trees. <i>Tree Physiology</i> , 2016, 36, 380-391.	3.1	47
15	Phosphorous Nutritional Level, Carbohydrate Reserves and Flower Quality in Olives. <i>PLoS ONE</i> , 2016, 11, e0167591.	2.5	31
16	Modification of non-stomatal limitation and photoprotection due to K and Na nutrition of olive trees. <i>Journal of Plant Physiology</i> , 2015, 177, 1-10.	3.5	68
17	The influence of irrigation level on olive tree nutritional status. <i>Irrigation Science</i> , 2015, 33, 277-287.	2.8	22
18	Sodium replacement of potassium in physiological processes of olive trees (var. Barnea) as affected by drought. <i>Tree Physiology</i> , 2014, 34, 1102-1117.	3.1	43

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19	The importance of olive (<i>Olea europaea</i> L.) tree nutritional status on its productivity. <i>Scientia Horticulturae</i> , 2013, 159, 8-18.	3.6	49
20	Interactions between fruit load and macroelement concentrations in fertigated olive (<i>Olea europaea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.6	32
21	Estimating olive leaf nitrogen concentration using visible and near-infrared spectral reflectance. <i>Biosystems Engineering</i> , 2013, 114, 426-434.	4.3	47
22	Olive (<i>Olea europaea</i> L.) Tree Nitrogen Status Is a Key Factor for Olive Oil Quality. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 11261-11272.	5.2	45
23	Olive orchard irrigation with reclaimed wastewater: Agronomic and environmental considerations. <i>Agriculture, Ecosystems and Environment</i> , 2011, 140, 454-461.	5.3	56
24	Whole-tree water balance and indicators for short-term drought stress in non-bearing "Barnea"™ olives. <i>Agricultural Water Management</i> , 2010, 98, 124-133.	5.6	65
25	Olive oil composition as a function of nitrogen, phosphorus and potassium plant nutrition. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 1871-1878.	3.5	46
26	Flowering and Fruit Set of Olive Trees in Response to Nitrogen, Phosphorus, and Potassium. <i>Journal of the American Society for Horticultural Science</i> , 2008, 133, 639-647.	1.0	86
27	Effect of macronutrient fertilization on olive oil composition and quality under irrigated, intensive cultivation management. <i>Journal of the Science of Food and Agriculture</i> , 0, , .	3.5	1