

Jos Moutinho-Pereira

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/395127/jose-moutinho-pereira-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110
papers

3,645
citations

34
h-index

57
g-index

117
ext. papers

4,371
ext. citations

3.7
avg, IF

5.34
L-index

#	Paper	IF	Citations
110	Photosynthesis, Yield, Nutrient Availability and Soil Properties after Biochar, Zeolites or Mycorrhizal Inoculum Application to a Mature Rainfed Olive Orchard. <i>Agriculture (Switzerland)</i> , 2022 , 12, 171	3	1
109	<i>Pinus elliottii</i> and <i>P. elliottii</i> x <i>P. caribaea</i> hybrid differently cope with combined drought and heat episodes. <i>Industrial Crops and Products</i> , 2022 , 176, 114428	5.9	0
108	Uncovering the effects of kaolin on balancing berry phytohormones and quality attributes of <i>Vitis vinifera</i> grown in warm-temperate climate regions. <i>Journal of the Science of Food and Agriculture</i> , 2022 , 102, 782-793	4.3	5
107	Fine-tuning of grapevine xanthophyll-cycle and energy dissipation under Mediterranean conditions by kaolin particle-film. <i>Scientia Horticulturae</i> , 2022 , 291, 110584	4.1	2
106	Processed kaolin particles film, an environment friendly and climate change mitigation strategy tool for Mediterranean vineyards 2022 , 165-185		0
105	Grey and Black Anti-Hail Nets Ameliorated Apple (Borkh. cv. Golden Delicious) Physiology under Mediterranean Climate.. <i>Plants</i> , 2021 , 10,	4.5	1
104	Inorganic Fertilization at High N Rate Increased Olive Yield of a Rainfed Orchard but Reduced Soil Organic Matter in Comparison to Three Organic Amendments. <i>Agronomy</i> , 2021 , 11, 2172	3.6	1
103	Optimising grapevine summer stress responses and hormonal balance by applying kaolin in two Portuguese Demarcated Regions. <i>Oeno One</i> , 2021 , 55, 207-222	3.3	4
102	Kaolin Application Modulates Grapevine Photochemistry and Defence Responses in Distinct Mediterranean-Type Climate Vineyards. <i>Agronomy</i> , 2021 , 11, 477	3.6	1
101	A controlled-release fertilizer improved soil fertility but not olive tree performance. <i>Nutrient Cycling in Agroecosystems</i> , 2021 , 120, 1-15	3.3	0
100	Phytochemical screening and antioxidant activity on berry, skin, pulp and seed from seven red Mediterranean grapevine varieties (<i>Vitis vinifera</i> L.) treated with kaolin foliar sunscreen. <i>Scientia Horticulturae</i> , 2021 , 281, 109962	4.1	4
99	Physiological, Biochemical and Molecular Assessment of UV-A and UV-B Supplementation in. <i>Plants</i> , 2021 , 10,	4.5	3
98	Particle film technology modulates xanthophyll cycle and photochemical dynamics of grapevines grown in the Douro Valley. <i>Plant Physiology and Biochemistry</i> , 2021 , 162, 647-655	5.4	0
97	Effects of water and nutrient availability on morphological, physiological, and biochemical traits of one invasive and one native grass of a Neotropical savanna. <i>Environmental and Experimental Botany</i> , 2021 , 182, 104305	5.9	1
96	Kaolin foliar spray improves olive tree performance and yield under sustained deficit irrigation. <i>Scientia Horticulturae</i> , 2021 , 277, 109795	4.1	2
95	Kaolin impacts on hormonal balance, polyphenolic composition and oenological parameters in red grapevine berries during ripening. <i>Journal of Berry Research</i> , 2021 , 11, 465-479	2	1
94	Glyphosate-dependent effects on photosynthesis of <i>Solanum lycopersicum</i> L.-An ecophysiological, ultrastructural and molecular approach. <i>Journal of Hazardous Materials</i> , 2020 , 398, 122871	12.8	12

93	A Review of the Potential Climate Change Impacts and Adaptation Options for European Viticulture. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3092	2.6	112
92	Foliar Pre-Treatment with Abscisic Acid Enhances Olive Tree Drought Adaptability. <i>Plants</i> , 2020 , 9,	4.5	3
91	Overview of Kaolin Outcomes from Vine to Wine: Cerceal White Variety Case Study. <i>Agronomy</i> , 2020 , 10, 1422	3.6	9
90	Role of Exogenous Salicylic Acid in Drought-Stress Adaptability in a Changing Environment 2020 , 119-130		
89	Silicon Titanium Oxide Nanoparticles Can Stimulate Plant Growth and the Photosynthetic Pigments on Lettuce Crop. <i>Agriculture</i> , 2020 , 66, 148-160	0.6	1
88	Linking Sap Flow and Trunk Diameter Measurements to Assess Water Dynamics of Touriga-Nacional Grapevines Trained in Cordon and Guyot Systems. <i>Agriculture (Switzerland)</i> , 2020 , 10, 315	3	3
87	The effect of nitrogen applications on the growth of young olive trees and nitrogen use efficiency. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2020 , 44, 278-289	2.2	10
86	Olive tree physiology and chemical composition of fruits are modulated by different deficit irrigation strategies. <i>Journal of the Science of Food and Agriculture</i> , 2020 , 100, 682-694	4.3	14
85	Evaluating stress responses in cowpea under drought stress. <i>Journal of Plant Physiology</i> , 2019 , 241, 1530-1539	3.0	22
84	Salicylic acid increases drought adaptability of young olive trees by changes on redox status and ionome. <i>Plant Physiology and Biochemistry</i> , 2019 , 141, 315-324	5.4	12
83	Kaolin, an emerging tool to alleviate the effects of abiotic stresses on crop performance. <i>Scientia Horticulturae</i> , 2019 , 250, 310-316	4.1	29
82	Responses of olive plants exposed to different irrigation treatments in combination with heat shock: physiological and molecular mechanisms during exposure and recovery. <i>Planta</i> , 2019 , 249, 1583-1598	4.7	11
81	Drought Stress Effects and Olive Tree Acclimation under a Changing Climate. <i>Plants</i> , 2019 , 8,	4.5	51
80	Screening for drought resistance during germination of modern and old Iberian wheat cultivars. <i>Acta Botanica Croatica</i> , 2019 , 78, 169-174	0.8	2
79	Kaolin and salicylic acid alleviate summer stress in rainfed olive orchards by modulation of distinct physiological and biochemical responses. <i>Scientia Horticulturae</i> , 2019 , 246, 201-211	4.1	21
78	Olive tree response to applied phosphorus in field and pot experiments. <i>Scientia Horticulturae</i> , 2018 , 234, 236-244	4.1	14
77	The role of nighttime water balance on <i>Olea europaea</i> plants subjected to contrasting water regimes. <i>Journal of Plant Physiology</i> , 2018 , 226, 56-63	3.6	22
76	Seed priming with iron and zinc in bread wheat: effects in germination, mitosis and grain yield. <i>Protoplasma</i> , 2018 , 255, 1179-1194	3.4	39

75	UV-B radiation modulates physiology and lipophilic metabolite profile in <i>Olea europaea</i> . <i>Journal of Plant Physiology</i> , 2018 , 222, 39-50	3.6	27
74	Kaolin particle film application stimulates photoassimilate synthesis and modifies the primary metabolome of grape leaves. <i>Journal of Plant Physiology</i> , 2018 , 223, 47-56	3.6	26
73	Nucleolar activity and physical location of ribosomal DNA loci in <i>Vitis vinifera</i> L. by silver staining and sequential FISH. <i>Scientia Horticulturae</i> , 2018 , 232, 57-62	4.1	8
72	Kaolin and salicylic acid foliar application modulate yield, quality and phytochemical composition of olive pulp and oil from rainfed trees. <i>Scientia Horticulturae</i> , 2018 , 237, 176-183	4.1	16
71	Improvement of grapevine physiology and yield under summer stress by kaolin-foliar application: water relations, photosynthesis and oxidative damage. <i>Photosynthetica</i> , 2018 , 56, 641-651	2.2	26
70	Different mechanisms of the metalliferous <i>Zygophyllum fabago</i> shoots and roots to cope with Pb toxicity. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 1319-1330	5.1	30
69	Salicylic acid modulates olive tree physiological and growth responses to drought and rewatering events in a dose dependent manner. <i>Journal of Plant Physiology</i> , 2018 , 230, 21-32	3.6	19
68	Kaolin modulates ABA and IAA dynamics and physiology of grapevine under Mediterranean summer stress. <i>Journal of Plant Physiology</i> , 2018 , 220, 181-192	3.6	31
67	Grapevine abiotic stress assessment and search for sustainable adaptation strategies in Mediterranean-like climates. A review. <i>Agronomy for Sustainable Development</i> , 2018 , 38, 1	6.8	39
66	Olive response to potassium applications under different water regimes and cultivars. <i>Nutrient Cycling in Agroecosystems</i> , 2018 , 112, 387-401	3.3	5
65	Kaolin particle film modulates morphological, physiological and biochemical olive tree responses to drought and rewatering. <i>Plant Physiology and Biochemistry</i> , 2018 , 133, 29-39	5.4	22
64	Kaolin particle film application lowers oxidative damage and DNA methylation on grapevine (<i>Vitis vinifera</i> L.). <i>Environmental and Experimental Botany</i> , 2017 , 139, 39-47	5.9	30
63	Photosynthetic performance and volatile organic compounds profile in <i>Eucalyptus globulus</i> after UVB radiation. <i>Environmental and Experimental Botany</i> , 2017 , 140, 141-149	5.9	19
62	Differential physiological and genetic responses of five European Scots pine provenances to induced water stress. <i>Journal of Plant Physiology</i> , 2017 , 215, 100-109	3.6	4
61	Effects of surface and subsurface drip irrigation on physiology and yield of Modello grapevines grown in Galicia, NW Spain. <i>Ciencia E Tecnica Vitivinicola</i> , 2017 , 32, 42-52	1	6
60	Liming and application of nitrogen, phosphorus, potassium, and boron on a young plantation of chestnut. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2017 , 41, 441-451	2.2	10
59	Leaf morpho-physiological dynamics in <i>Salvia officinalis</i> L. var. <i>purpurascens</i> . <i>Turkish Journal of Botany</i> , 2017 , 41, 134-144	1.3	3
58	Cowpea (<i>L. Walp.</i>) Metabolomics: Osmoprotection as a Physiological Strategy for Drought Stress Resistance and Improved Yield. <i>Frontiers in Plant Science</i> , 2017 , 8, 586	6.2	82

57	Viticulture in Portugal: A review of recent trends and climate change projections. <i>Oeno One</i> , 2017 , 51, 61-69	3.3	38
56	Physiological response to drought in seedlings of <i>Pistacia lentiscus</i> (mastic tree). <i>New Forests</i> , 2016 , 47, 119-130	2.6	13
55	Plasticity of young <i>Moringa oleifera</i> L. plants to face water deficit and UVB radiation challenges. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016 , 162, 278-285	6.7	21
54	Physiological characterization and true-to-typeness evaluation of in vitro and ex vitro seedlings of <i>Pinus elliotii</i> : A contribution to breeding programs. <i>Plant Physiology and Biochemistry</i> , 2016 , 107, 222-227	5.4	5
53	Phytotoxicity of natural soils using physiological and biochemical endpoints reveals confounding factors: can a weight of evidence tackle uncertainty?. <i>Journal of Soils and Sediments</i> , 2016 , 16, 785-800	3.4	
52	Climatic suitability of Portuguese grapevine varieties and climate change adaptation. <i>International Journal of Climatology</i> , 2016 , 36, 1-12	3.5	58
51	Kaolin-based, foliar reflective film protects photosystem II structure and function in grapevine leaves exposed to heat and high solar radiation. <i>Photosynthetica</i> , 2016 , 54, 47-55	2.2	52
50	Kaolin exogenous application boosts antioxidant capacity and phenolic content in berries and leaves of grapevine under summer stress. <i>Journal of Plant Physiology</i> , 2016 , 191, 45-53	3.6	56
49	Kaolin Foliar Application Has a Stimulatory Effect on Phenylpropanoid and Flavonoid Pathways in Grape Berries. <i>Frontiers in Plant Science</i> , 2016 , 7, 1150	6.2	53
48	Statistical modelling of grapevine phenology in Portuguese wine regions: observed trends and climate change projections. <i>Journal of Agricultural Science</i> , 2016 , 154, 795-811	1	64
47	Physiological mechanisms to cope with Cr(VI) toxicity in lettuce: can lettuce be used in Cr phytoremediation?. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 15627-37	5.1	16
46	Metabolic rearrangements in grapevine response to salt stress 2016 , 279-298		1
45	Modeling Phenology, Water Status, and Yield Components of Three Portuguese Grapevines Using the STICS Crop Model. <i>American Journal of Enology and Viticulture</i> , 2015 , 66, 482-491	2.2	34
44	Early-maturing annual legumes: an option for cover cropping in rainfed olive orchards. <i>Nutrient Cycling in Agroecosystems</i> , 2015 , 103, 153-166	3.3	28
43	Leguminous Cover Crops Improve the Profitability and the Sustainability of Rainfed Olive (<i>Olea europaea</i> L.) Orchards: From Soil Biology to Physiology of Yield Determination. <i>Procedia Environmental Sciences</i> , 2015 , 29, 282-283		7
42	Enhanced Ultraviolet-B Radiation Affect Growth, Yield and Physiological Processes on Triticale Plants. <i>Procedia Environmental Sciences</i> , 2015 , 29, 219-220		10
41	Enhanced Yield and Physiological Performance of Mediterranean Grapevines through Foliar Kaolin Spray. <i>Procedia Environmental Sciences</i> , 2015 , 29, 247-248		4
40	Grapevines Growing Under Future RCP Scenarios in Europe. <i>Procedia Environmental Sciences</i> , 2015 , 29, 20		3

39	Photosynthesis light-independent reactions are sensitive biomarkers to monitor lead phytotoxicity in a Pb-tolerant <i>Pisum sativum</i> cultivar. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 574-85	5.1	39
38	Very high resolution bioclimatic zoning of Portuguese wine regions: present and future scenarios. <i>Regional Environmental Change</i> , 2014 , 14, 295-306	4.3	57
37	Rice (<i>Oryza sativa</i> L.) phenolic compounds under elevated carbon dioxide (CO ₂) concentration. <i>Environmental and Experimental Botany</i> , 2014 , 99, 28-37	5.9	42
36	Physiological and biochemical responses of Semillon and Muscat Blanc Petits Grains winegrapes grown under Mediterranean climate. <i>Scientia Horticulturae</i> , 2014 , 175, 128-138	4.1	15
35	Study of the effects of foliar application of ABA during acclimatization. <i>Plant Cell, Tissue and Organ Culture</i> , 2014 , 117, 213-224	2.7	18
34	Examining the relationship between the Enhanced Vegetation Index and grapevine phenology. <i>European Journal of Remote Sensing</i> , 2014 , 47, 753-771	2.9	27
33	Climate factors driving wine production in the Portuguese Minho region. <i>Agricultural and Forest Meteorology</i> , 2014 , 185, 26-36	5.8	48
32	Integrated analysis of climate, soil, topography and vegetative growth in Iberian viticultural regions. <i>PLoS ONE</i> , 2014 , 9, e108078	3.7	48
31	Foliar application of Sili-K increases chestnut (<i>Castanea</i> spp.) growth and photosynthesis, simultaneously increasing susceptibility to water deficit. <i>Plant and Soil</i> , 2013 , 365, 211-225	4.2	19
30	Future scenarios for viticultural zoning in Europe: ensemble projections and uncertainties. <i>International Journal of Biometeorology</i> , 2013 , 57, 909-25	3.7	101
29	Soil nitrogen availability in olive orchards after mulching legume cover crop residues. <i>Scientia Horticulturae</i> , 2013 , 158, 45-51	4.1	28
28	Cadmium toxicity affects photosynthesis and plant growth at different levels. <i>Acta Physiologiae Plantarum</i> , 2013 , 35, 1281-1289	2.6	183
27	Photosynthetic parameters of <i>Ulmus minor</i> plantlets affected by irradiance during acclimatization. <i>Biologia Plantarum</i> , 2013 , 57, 33-40	2.1	23
26	Impacts of leafroll-associated viruses (GLRaV-1 and -3) on the physiology of the Portuguese grapevine cultivar Touriga Nacional growing under field conditions. <i>Annals of Applied Biology</i> , 2012 , 160, 237-249	2.6	29
25	Chromium (VI) induces toxicity at different photosynthetic levels in pea. <i>Plant Physiology and Biochemistry</i> , 2012 , 53, 94-100	5.4	96
24	Aluminium long-term stress differently affects photosynthesis in rye genotypes. <i>Plant Physiology and Biochemistry</i> , 2012 , 54, 105-12	5.4	39
23	Water Use Strategies of Plants Under Drought Conditions 2012 , 145-170		20
22	Ultraviolet-B radiation and nitrogen affect nutrient concentrations and the amount of nutrients acquired by above-ground organs of maize. <i>Scientific World Journal, The</i> , 2012 , 2012, 608954	2.2	22

21	An overview of climate change impacts on European viticulture. <i>Food and Energy Security</i> , 2012 , 1, 94-110.	10.1	144
20	Olive Yields and Tree Nutritional Status during a Four-Year Period without Nitrogen and Boron Fertilization. <i>Communications in Soil Science and Plant Analysis</i> , 2011 , 42, 803-814	1.5	30
19	Effects of Open-Top Chambers on physiological and yield attributes of field grown grapevines. <i>Acta Physiologiae Plantarum</i> , 2010 , 32, 395-403	2.6	10
18	EFFECT OF TRAINING SYSTEM ON HAZELNUT (CORYLUS AVELLANA) PHYSIOLOGY. <i>Acta Horticulturae</i> , 2009 , 239-244	0.3	2
17	Physiological responses of different olive genotypes to drought conditions. <i>Acta Physiologiae Plantarum</i> , 2009 , 31, 611-621	2.6	50
16	Effects of elevated CO ₂ on grapevine (<i>Vitis vinifera</i> L.): volatile composition, phenolic content, and in vitro antioxidant activity of red wine. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 265-73	5.7	63
15	Leaf structure and function of sweet cherry tree (<i>Prunus avium</i> L.) cultivars with open and dense canopies. <i>Scientia Horticulturae</i> , 2008 , 116, 381-387	4.1	32
14	RELATIONSHIPS AMONG SWEET CHERRY LEAF GAS EXCHANGE, MORPHOLOGY AND CHEMICAL COMPOSITION. <i>Acta Horticulturae</i> , 2008 , 633-638	0.3	2
13	Effect of ripeness and postharvest storage on the evolution of colour and anthocyanins in cherries (<i>Prunus avium</i> L.). <i>Food Chemistry</i> , 2007 , 103, 976-984	8.5	164
12	Changes in growth, gas exchange, xylem hydraulic properties and water use efficiency of three olive cultivars under contrasting water availability regimes. <i>Environmental and Experimental Botany</i> , 2007 , 60, 183-192	5.9	101
11	Gas exchange and water relations of three <i>Vitis vinifera</i> L. cultivars growing under Mediterranean climate. <i>Photosynthetica</i> , 2007 , 45,	2.2	30
10	Physiological behaviour, oxidative damage and antioxidative protection of olive trees grown under different irrigation regimes. <i>Plant and Soil</i> , 2007 , 292, 1-12	4.2	110
9	Variation in xylem structure and function in roots and stems of scion/Rootstock combinations of sweet cherry tree (<i>Prunus avium</i> L.). <i>Trees - Structure and Function</i> , 2007 , 21, 121-130	2.6	49
8	Scion-rootstock interaction affects the physiology and fruit quality of sweet cherry. <i>Tree Physiology</i> , 2006 , 26, 93-104	4.2	105
7	Immediate responses and adaptative strategies of three olive cultivars under contrasting water availability regimes: Changes on structure and chemical composition of foliage and oxidative damage. <i>Plant Science</i> , 2006 , 170, 596-605	5.3	126
6	Physiological Indicators of Plant Water Status of Irrigated and Non-irrigated Grapevines Grown in a Low Rainfall Area of Portugal. <i>Plant and Soil</i> , 2006 , 282, 127-134	4.2	34
5	EFFECT OF IRRIGATION ON PHYSIOLOGICAL AND BIOCHEMICAL TRAITS OF HAZELNUTS (CORYLUS AVELLANA L.). <i>Acta Horticulturae</i> , 2005 , 201-206	0.3	8
4	Ultraviolet-B radiation and nitrogen affect the photosynthesis of maize: a Mediterranean field study. <i>European Journal of Agronomy</i> , 2005 , 22, 337-347	5	91

3	Sclerophylly and leaf anatomical traits of five field-grown olive cultivars growing under drought conditions. <i>Tree Physiology</i> , 2004 , 24, 233-9	4.2	133
2	Leaf Gas Exchange and Water Relations of Grapevines Grown in Three Different Conditions. <i>Photosynthetica</i> , 2004 , 42, 81-86	2.2	54
1	Effect of ripeness and postharvest storage on the phenolic profiles of Cherries (<i>Prunus avium</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 523-30	5.7	172