Paula Martins-Lopes

List of Publications by Year
in descending order

59 papers	1,478 citations	218662 26 h-index	345203 36 g-index
60 all docs	60 docs citations	60 times ranked	1830 citing authors

#	Article	IF	Citations
1	DNA Markers for Portuguese Olive Oil Fingerprinting. Journal of Agricultural and Food Chemistry, 2008, 56, 11786-11791.	5.2	72
2	Differential aluminium changes on nutrient accumulation and root differentiation in an Al sensitive vs. tolerant wheat. Environmental and Experimental Botany, 2010, 68, 91-98.	4.2	70
3	Cationic solid lipid nanoparticles (cSLN): Structure, stability and DNA binding capacity correlation studies. International Journal of Pharmaceutics, 2011, 420, 341-349.	5.2	67
4	Detection of single nucleotide mutations in wheat using single strand conformation polymorphism gels. Plant Molecular Biology Reporter, 2001, 19, 159-162.	1.8	62
5	Molecular characterization of TaSTOP1 homoeologues and their response to aluminium and proton (H+) toxicity in bread wheat (Triticum aestivum L.). BMC Plant Biology, 2013, 13, 134.	3.6	61
6	RAPD and ISSR molecular markers in Olea europaea L.: Genetic variability and molecular cultivar identification. Genetic Resources and Crop Evolution, 2007, 54, 117-128.	1.6	56
7	Modified Rose Bengal assay for surface hydrophobicity evaluation of cationic solid lipid nanoparticles (cSLN). European Journal of Pharmaceutical Sciences, 2012, 45, 606-612.	4.0	55
8	A novel lipid nanocarrier for insulin delivery: production, characterization and toxicity testing. Pharmaceutical Development and Technology, 2013, 18, 545-549.	2.4	49
9	High Resolution Melting (HRM) applied to wine authenticity. Food Chemistry, 2017, 216, 80-86.	8.2	46
10	Comet assay reveals no genotoxicity risk of cationic solid lipid nanoparticles. Journal of Applied Toxicology, 2014, 34, 395-403.	2.8	45
11	Assessment of clonal genetic variability in Olea europaea L. â€˜CobranÃ§osaâ€™ by molecular markers. Scientia Horticulturae, 2009, 123, 82-89.	3.6	43
12	Potential of Start Codon Targeted (SCoT) markers for DNA fingerprinting of newly synthesized tritordeums and their respective parents. Journal of Applied Genetics, 2014, 55, 307-312.	1.9	43
13	Surface-tailored anti-HER2/neu-solid lipid nanoparticles for site-specific targeting MCF-7 and BT-474 breast cancer cells. European Journal of Pharmaceutical Sciences, 2019, 128, 27-35.	4.0	43
14	Applying high-resolution melting (HRM) technology to olive oil and wine authenticity. Food Research International, 2018, 103, 170-181.	6.2	42
15	Molecular characterization of the citrate transporter gene <i><scp>TaMATE1</scp></i> and expression analysis of upstream genes involved in organic acid transport under Al stress in bread wheat (<i>Triticum aestivum</i>). Physiologia Plantarum, 2014, 152, 441-452.	5.2	40
16	Assessing Genetic Diversity in Olea europaea L. Using ISSR and SSR Markers. Plant Molecular Biology Reporter, 2009, 27, 365-373.	1.8	39
17	Phenolic Composition and Antioxidant Activity of Monovarietal and Commercial Portuguese Olive Oils. JAOCS, Journal of the American Oil Chemists' Society, 2014, 91, 1197-1203.	1.9	38
18	Biosensor for label-free DNA quantification based on functionalized LPGs. Biosensors and Bioelectronics, 2016, 84, 30-36.	10.1	37

#	ARTICLE	IF	CITATIONS
19	An Enhanced Method for <i>Vitis vinifera</i> L. DNA Extraction from Wines. American Journal of Enology and Viticulture, 2011, 62, 547-552.	1.7	36
20	Label free DNA-based optical biosensor as a potential system for wine authenticity. Food Chemistry, 2019, 270, 299-304.	8.2	34
21	Genetic variability of Old Portuguese bread wheat cultivars assayed by IRAP and REMAP markers. Annals of Applied Biology, 2010, 156, 337-345.	2.5	33
22	Development of Colletotrichum acutatum on Tolerant and Susceptible Olea europaea L. cultivars: A Microscopic Analysis. Mycopathologia, 2009, 168, 203-211.	3.1	32
23	Trehalose is not a universal solution for solid lipid nanoparticles freeze-drying. Pharmaceutical Development and Technology, 2014, 19, 922-929.	2.4	32
24	Evidence for clonal variation in â€˜Verdeal-Transmontanaâ€™ olive using RAPD, ISSR and SSR markers. Journal of Horticultural Science and Biotechnology, 2008, 83, 395-400.	1.9	29
25	Characterization of neural network generalization in the determination of pH and anthocyanin content of wine grape in new vintages and varieties. Food Chemistry, 2017, 218, 40-46.	8.2	29
26	Microsatellite Highâ€Resolution Melting (SSRâ€HRM) to Track Olive Genotypes: From Field to Olive Oil. Journal of Food Science, 2018, 83, 2415-2423.	3.1	29
27	Molecular Markers for Assessing Must Varietal Origin. Food Analytical Methods, 2012, 5, 1252-1259.	2.6	22
28	A Note on Regulatory Concerns and Toxicity Assessment in Lipid-Based Delivery Systems (LDS). Journal of Biomedical Nanotechnology, 2009, 5, 317-322.	1.1	21
29	â€˜CobranÃ§osaâ€™ Olive Oil and Drupe: Chemical Composition at Two Ripening Stages. JAOCS, Journal of the American Oil Chemists' Society, 2014, 91, 599-611.	1.9	20
30	Alternative SNP detection platforms, HRM and biosensors, for varietal identification in Vitis vinifera L. using F3H and LDOX genes. Scientific Reports, 2018, 8, 5850.	3.3	20
31	<i>Vitis vinifera</i> L. Single-Nucleotide Polymorphism Detection with High-Resolution Melting Analysis Based on the UDP-Glucose:Flavonoid 3-<i>O</i>-Glucosyltransferase Gene. Journal of Agricultural and Food Chemistry, 2015, 63, 9165-9174.	5.2	18
32	From the Field to the Bottleâ€"An Integrated Strategy for Wine Authenticity. Beverages, 2018, 4, 71.	2.8	17
33	Biosensors as diagnostic tools in clinical applications. Biochimica Et Biophysica Acta: Reviews on Cancer, 2022, 1877, 188726.	7.4	14
34	Zonal responses of sensitive vs. tolerant wheat roots during Al exposure and recovery. Journal of Plant Physiology, 2012, 169, 760-769.	3.5	13
35	Molecular cloning of <i>TaMATE2</i> homoeologues potentially related to aluminium tolerance in bread wheat (<i>Triticum aestivum</i> L.). Plant Biology, 2018, 20, 817-824.	3.8	13
36	Impact of Colletotrichum acutatum Pathogen on Olive Phenylpropanoid Metabolism. Agriculture (Switzerland), 2019, 9, 173.	3.1	13

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37	Infection Process of Olive Fruits by Colletotrichum acutatum and the Protective Role of the Cuticle and Epidermis. Journal of Agricultural Science, 2012, 4, .	0.2	12
38	Evaluation of chemical and phenotypic changes in Blanqueta, CobranÃ§osa, and Galega during olive fruits ripening. CYTA - Journal of Food, 2013, 11, 136-141.	1.9	12
39	Trace Element Content of Monovarietal and Commercial Portuguese Olive Oils. Journal of Oleo Science, 2015, 64, 1083-1093.	1.4	11
40	Differential Physiological Responses of Portuguese Bread Wheat (Triticum aestivum L.) Genotypes under Aluminium Stress. Diversity, 2016, 8, 26.	1.7	11
41	SARS-CoV-2 Detection Methods. Chemosensors, 2022, 10, 221.	3.6	11
42	Wine fingerprinting using a bio-geochemical approach. BIO Web of Conferences, 2015, 5, 02021.	0.2	9
43	Development of high-throughput real-time PCR assays for the Colletotrichum acutatum detection on infected olive fruits and olive oils. Food Chemistry, 2020, 317, 126417.	8.2	9
44	Portuguese bread wheat germplasm evaluation for aluminium tolerance. Cereal Research Communications, 2009, 37, 179-188.	1.6	8
45	Label-free optical biosensor for direct complex DNA detection using Vitis vinifera L.. Sensors and Actuators B: Chemical, 2016, 234, 92-97.	7.8	8
46	A Multidisciplinary Fingerprinting Approach for Authenticity and Geographical Traceability of Portuguese Wines. Foods, 2021, 10, 1044.	4.3	8
47	Editorial Comments to the Special Issue: â€œColletotrichum spp. on Fruit Cropsâ€"State of the Art, Perspectives and Drawbacksâ€. Pathogens, 2021, 10, 478.	2.8	7
48	Breeding for Al Tolerance by Unravelling Genetic Diversity in Bread Wheat. Signaling and Communication in Plants, 2015, , 125-153.	0.7	6
49	⁸⁷Sr/⁸⁶Sr isotopic ratios in vineyard soils and varietal wines from Douro Valley. BIO Web of Conferences, 2019, 12, 02031.	0.2	6
50	Real-time PCR assay for Colletotrichum acutatum sensu stricto quantification in olive fruit samples. Food Chemistry, 2021, 339, 127858.	8.2	6
51	Future Perspectives in Detecting EGFR and ALK Gene Alterations in Liquid Biopsies of Patients with NSCLC. International Journal of Molecular Sciences, 2021, 22, 3815.	4.1	6
52	Title is missing!. Euphytica, 2001, 121, 265-271.	1.2	5
53	Current understanding of Olea europaea L. â€" Colletotrichum acutatum interactions in the context of identification and quantification methods â€" A review. Crop Protection, 2020, 132, 105106.	2.1	4
54	Olive Tree Genetic Resources Characterization Through Molecular Markers. , 0, , .		3

#	Article	IF	Citations
55	Olive â€“ Colletotrichum acutatum: An Example of Fruit-Fungal Interaction. , 2012, , .		1
56	GENETIC RELATEDNESS AMONG OLEA EUROPAEA L. CULTIVARS ESTIMATED BY RAPD ANALYSIS. Acta Horticulturae, 2012, , 61-66.	0.2	1
57	Tracking Vitis vinifera L. in the wine process. Journal of Biotechnology, 2010, 150, 342-342.	3.8	0
58	PHENOTYPIC REACTION TO COLLETOTRICHUM ACUTATUM IN FOUR OLEA EUROPAEA CULTIVARS. Acta Horticulturae, 2012, , 329-332.	0.2	0
59	Nucleic Acid Sample Preparation for Food Traceability. Springer Protocols, 2016, , 195-216.	0.3	0