

# Octávio S Paulo

## List of Publications by Year in descending order

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Version: 2024-02-01

91  
papers

2,953  
citations

218381

26  
h-index

197535

49  
g-index

93  
all docs

93  
docs citations

93  
times ranked

4947  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assemblathon 2: evaluating de novo methods of genome assembly in three vertebrate species. <i>GigaScience</i> , 2013, 2, 10.	3.3	582
2	Application of the <i>Apn2/MAT</i> locus to improve the systematics of the <i>Colletotrichum gloeosporioides</i> complex: an example from coffee ( <i>Coffea</i> spp.) hosts. <i>Mycologia</i> , 2012, 104, 396-409.	0.8	152
3	The era of reference genomes in conservation genomics. <i>Trends in Ecology and Evolution</i> , 2022, 37, 197-202.	4.2	138
4	Phylogeny of the most species-rich freshwater bivalve family (Bivalvia: Unionida: Unionidae): Defining modern subfamilies and tribes. <i>Molecular Phylogenetics and Evolution</i> , 2017, 106, 174-191.	1.2	133
5	The persistence of Pliocene populations through the Pleistocene climatic cycles: evidence from the phylogeography of an Iberian lizard. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 1625-1630.	1.2	95
6	<i>Structure_threader</i> : An improved method for automation and parallelization of programs <i>structure</i> , <i>fastStructure</i> and <i>Maverick</i> on multicore CPU systems. <i>Molecular Ecology Resources</i> , 2017, 17, e268-e274.	2.2	95
7	Modelling wildlife distributions: Logistic Multiple Regression vs Overlap Analysis. <i>Ecography</i> , 1999, 22, 251-260.	2.1	88
8	The role of vicariance vs. dispersal in shaping genetic patterns in ocellated lizard species in the western Mediterranean. <i>Molecular Ecology</i> , 2008, 17, 1535-1551.	2.0	75
9	Hostâ€¦jump drives rapid and recent ecological speciation of the emergent fungal pathogen <i>Colletotrichum kahawae</i> . <i>Molecular Ecology</i> , 2012, 21, 2655-2670.	2.0	72
10	Phylogeography and demographic history of <i>Lacerta lepida</i> in the Iberian Peninsula: multiple refugia, range expansions and secondary contact zones. <i>BMC Evolutionary Biology</i> , 2011, 11, 170.	3.2	62
11	Global urban environmental change drives adaptation in white clover. <i>Science</i> , 2022, 375, 1275-1281.	6.0	62
12	Systematic and phylogeographical assessment of the <i>Acanthodactylus erythrurus</i> group (Reptilia: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Phylogenetics and Evolution, 2009, 51, 131-142.	1.2	53
13	A comprehensive assessment of the transcriptome of cork oak ( <i>Quercus suber</i> ) through EST sequencing. <i>BMC Genomics</i> , 2014, 15, 371.	1.2	53
14	Using nested clade analysis to assess the history of colonization and the persistence of populations of an Iberian Lizard. <i>Molecular Ecology</i> , 2002, 11, 809-819.	2.0	48
15	New insights into adaptation and population structure of cork oak using genotyping by sequencing. <i>Global Change Biology</i> , 2019, 25, 337-350.	4.2	48
16	<i>concatenator</i> : sequence data matrices handling made easy. <i>Molecular Ecology Resources</i> , 2008, 8, 1254-1255.	2.2	47
17	Genetic and Genomic Tools to Asssit Sugar Beet Improvement: The Value of the Crop Wild Relatives. <i>Frontiers in Plant Science</i> , 2018, 9, 74.	1.7	46
18	Oak Root Response to Ectomycorrhizal Symbiosis Establishment: RNA-Seq Derived Transcript Identification and Expression Profiling. <i>PLoS ONE</i> , 2014, 9, e98376.	1.1	45

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19	Multiple approaches to detect outliers in a genome scan for selection in ocellated lizards ( <i>Lacerta</i> ) Tj ETQq1 1 0.784314 rgBT/Overlook	2.0	44
20	The double origin of Iberian peninsular chameleons. <i>Biological Journal of the Linnean Society</i> , 2002, 75, 1-7.	0.7	43
21	Validation of RT-qPCR reference genes for in planta expression studies in <i>Hemileia vastatrix</i> , the causal agent of coffee leaf rust. <i>Fungal Biology</i> , 2011, 115, 891-901.	1.1	36
22	Evolutionary and Biogeographic Insights on the Macaronesian Beta-Patellifolia Species ( <i>Amaranthaceae</i> ) from a Time-Scaled Molecular Phylogeny. <i>PLoS ONE</i> , 2016, 11, e0152456.	1.1	35
23	Population genomic footprints of host adaptation, introgression and recombination in coffee leaf rust. <i>Molecular Plant Pathology</i> , 2018, 19, 1742-1753.	2.0	35
24	Trace element status (Se, Cu, Zn) and serum lipid profile in Portuguese subjects of San Miguel Island from Azores' archipelago. <i>Journal of Trace Elements in Medicine and Biology</i> , 2000, 14, 1-5.	1.5	32
25	New Mitochondrial and Nuclear Evidences Support Recent Demographic Expansion and an Atypical Phylogeographic Pattern in the Spittlebug <i>Philaenus spumarius</i> (Hemiptera, Aphrophoridae). <i>PLoS ONE</i> , 2014, 9, e98375.	1.1	31
26	Revisiting <i>Vitis vinifera</i> Subtilase Gene Family: A Possible Role in Grapevine Resistance against <i>Plasmopara viticola</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1783.	1.7	31
27	Identifying signatures of natural selection in cork oak ( <i>Quercus suber</i> L.) genes through SNP analysis. <i>Tree Genetics and Genomes</i> , 2014, 10, 1645-1660.	0.6	29
28	Genetic Diversity and Physiological Performance of Portuguese Wild Beet ( <i>Beta vulgaris</i> spp. <i>maritima</i> ) from Three Contrasting Habitats. <i>Frontiers in Plant Science</i> , 2016, 7, 1293.	1.7	29
29	Association of Mc1r variants with ecologically relevant phenotypes in the European ocellated lizard, <i>Lacerta lepida</i> . <i>Journal of Evolutionary Biology</i> , 2011, 24, 2289-2298.	0.8	27
30	Shared and divergent pathways for flower abscission are triggered by gibberellic acid and carbon starvation in seedless <i>Vitis vinifera</i> L. <i>BMC Plant Biology</i> , 2016, 16, 38.	1.6	27
31	Numts help to reconstruct the demographic history of the ocellated lizard ( <i>Lacerta lepida</i> ) in a secondary contact zone. <i>Molecular Ecology</i> , 2012, 21, 1005-1018.	2.0	26
32	Overview of the functional virulent genome of the coffee leaf rust pathogen <i>Hemileia vastatrix</i> with an emphasis on early stages of infection. <i>Frontiers in Plant Science</i> , 2014, 5, 88.	1.7	25
33	Using gradient Forest to predict climate response and adaptation in Cork oak. <i>Journal of Evolutionary Biology</i> , 2021, 34, 910-923.	0.8	25
34	Genomic signatures of introgression between commercial and native bumblebees, <i>Bombus terrestris</i> , in western Iberian Peninsulaâ€”Implications for conservation and trade regulation. <i>Evolutionary Applications</i> , 2019, 12, 679-691.	1.5	24
35	Molecular phylogeny and DNA barcoding in the meadow-spittlebug <i>Philaenus spumarius</i> (Hemiptera,) Tj ETQq1 1 0.784314 rgBT/Overlook	1.2	22
36	Phylogeography and modes of reproduction in diploid and tetraploid halophytes of <i>Limonium</i> species ( <i>Plumbaginaceae</i> ): evidence for a pattern of geographical parthenogenesis. <i>Annals of Botany</i> , 2016, 117, 37-50.	1.4	22

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37	Novel insights on colonization routes and evolutionary potential of <i>Colletotrichum kahawae</i> , a severe pathogen of <i>Coffea arabica</i> . <i>Molecular Plant Pathology</i> , 2018, 19, 2488-2501.	2.0	22
38	Genetic and morphological variation in two littorinid gastropods: evidence for recent population expansions along the East African coast. <i>Biological Journal of the Linnean Society</i> , 2013, 108, 494-508.	0.7	21
39	Genetic analysis of a contact zone between two lineages of the ocellated lizard ( <i>Lacerta</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Zoological Systematics and Evolutionary Research, 2013, 51, 45-54.	0.6	21
40	Origin and diversification of the genus <i>Echium</i> (Boraginaceae) in the Cape Verde archipelago. <i>Taxon</i> , 2011, 60, 1375-1385.	0.4	20
41	Genomic Patterns of Positive Selection at the Origin of Rust Fungi. <i>PLoS ONE</i> , 2015, 10, e0143959.	1.1	20
42	Deep analysis of wild <i>Vitis</i> flower transcriptome reveals unexplored genome regions associated with sex specification. <i>Plant Molecular Biology</i> , 2017, 93, 151-170.	2.0	19
43	Molecular candidates for early-stage flower-to-fruit transition in stenospermocarpic table grape ( <i>Vitis vinifera</i> L.) inflorescences ascribed by differential transcriptome and metabolome profiles. <i>Plant Science</i> , 2016, 244, 40-56.	1.7	18
44	Understanding the Impact of Drought in <i>Coffea</i> Genotypes: Transcriptomic Analysis Supports a Common High Resilience to Moderate Water Deficit but a Genotype Dependent Sensitivity to Severe Water Deficit. <i>Agronomy</i> , 2021, 11, 2255.	1.3	18
45	Copulatory plugs do not assure high first male fertilisation success: sperm displacement in a lizard. <i>Behavioral Ecology and Sociobiology</i> , 2007, 62, 281-288.	0.6	16
46	A Transcriptomic Approach to Understanding the Combined Impacts of Supra-Optimal Temperatures and CO2 Revealed Different Responses in the Polyploid <i>Coffea arabica</i> and Its Diploid Progenitor <i>C. canephora</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 3125.	1.8	16
47	Management strategies for conservation of the lizard <i>Lacerta schreiberi</i> in Portugal. <i>Biological Conservation</i> , 1999, 89, 311-319.	1.9	14
48	Expression profiling of genes involved in the biotrophic colonisation of <i>Coffea arabica</i> leaves by <i>Hemileia vastatrix</i> . <i>European Journal of Plant Pathology</i> , 2012, 133, 261-277.	0.8	14
49	Conflicting patterns of DNA barcoding and taxonomy in the cicada genus <i>ettigettna</i> from southern Europe (Hemiptera: Cicadidae) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.2	14
50	Assessing genotype-phenotype associations in three dorsal colour morphs in the meadow spittlebug <i>Philaenus spumarius</i> (L.) (Hemiptera: Aphrophoridae) using genomic and transcriptomic resources. <i>BMC Genetics</i> , 2016, 17, 144.	2.7	14
51	Building a Robust, Densely-Sampled Spider Tree of Life for Ecosystem Research. <i>Diversity</i> , 2020, 12, 288.	0.7	14
52	Comparative Validation of Conventional and RNA-Seq Data-Derived Reference Genes for qPCR Expression Studies of <i>Colletotrichum kahawae</i> . <i>PLoS ONE</i> , 2016, 11, e0150651.	1.1	14
53	Genetic and Morphological Variation of the Forkbeard, <i>Phycis phycis</i> (Pisces, Phycidae): Evidence of Panmixia and Recent Population Expansion along Its Distribution Area. <i>PLoS ONE</i> , 2016, 11, e0167045.	1.1	14
54	Age estimates of <i>Frullania</i> (Frullaniaceae, Porellales) main lineages: another example of rapid and recent diversification in liverwort evolution. <i>Systematics and Biodiversity</i> , 2017, 15, 156-165.	0.5	13

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55	Genome-Wide Signatures of Selection in <i>Colletotrichum kahawae</i> Reveal Candidate Genes Potentially Involved in Pathogenicity and Aggressiveness. <i>Frontiers in Microbiology</i> , 2019, 10, 1374.	1.5	13
56	Challenges and pitfalls in the characterization of anonymous outlier AFLP markers in non-model species: lessons from an ocellated lizard genome scan. <i>Heredity</i> , 2012, 109, 340-348.	1.2	12
57	Phylogeographical patterns in <i>Coenosia attenuata</i> (Diptera: Muscidae): a widespread predator of insect species associated with greenhouse crops. <i>Biological Journal of the Linnean Society</i> , 2015, 114, 308-326.	0.7	12
58	Differential survival and reproduction in colour forms of <i>Philaenus spumarius</i> give new insights to the study of its balanced polymorphism. <i>Ecological Entomology</i> , 2015, 40, 759-766.	1.1	11
59	Transcriptomic Leaf Profiling Reveals Differential Responses of the Two Most Traded Coffee Species to Elevated [CO <sub>2</sub> ]. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9211.	1.8	11
60	Standardised inventories of spiders (Arachnida, Araneae) of Macaronesia II: The native forests and dry habitats of Madeira archipelago (Madeira and Porto Santo islands). <i>Biodiversity Data Journal</i> , 2020, 8, e47502.	0.4	11
61	THE EVOLUTION OF CICADA SONGS CONTRASTED WITH THE RELATIONSHIPS INFERRED FROM MITOCHONDRIAL DNA (INSECTA, HEMIPTERA). <i>Bioacoustics</i> , 2008, 18, 17-34.	0.7	10
62	Shortcomings of Phylogenetic Studies on Recent Radiated Insular Groups: A Meta-Analysis Using Cabo Verde Biodiversity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2782.	1.8	10
63	Population genomics of <i>Bombus terrestris</i> reveals high but unstructured genetic diversity in a potential glacial refugium. <i>Biological Journal of the Linnean Society</i> , 2020, 129, 259-272.	0.7	10
64	Population structure, adaptation and divergence of the meadow spittlebug, <i>Philaenus spumarius</i> (Hemiptera, Aphrophoridae), revealed by genomic and morphological data. <i>PeerJ</i> , 2021, 9, e11425.	0.9	9
65	Genetic differentiation of populations of Iberian rock-lizards <i>Iberolacerta (Iberolacerta) sensu Arribas (1999)</i> . <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2002, 40, 57-64.	0.6	8
66	Phylogenetic origin of the endemic pigeons from Madeira ( <i>Columba trocaz</i> ) and Azores Islands ( <i>Columba palumbus azorica</i> ). <i>Journal of Ornithology</i> , 2014, 155, 71-82.	0.5	7
67	Distribution of alien tetrapods in the Iberian Peninsula. <i>NeoBiota</i> , 0, 64, 1-21.	1.0	7
68	Isolation and characterization of fifteen polymorphic microsatellite loci for the citrus mealybug, <i>Planococcus citri</i> (Hemiptera: Pseudococcidae), and cross-amplification in two other mealybug species. <i>Journal of Genetics</i> , 2014, 93, 75-78.	0.4	6
69	NCBI Mass Sequence Downloader – Large dataset downloading made easy. <i>SoftwareX</i> , 2016, 5, 80-83.	1.2	6
70	NOTE: DISTRIBUTION AND CONSERVATION OF THE COMMON CHAMAELEO CHAMAELEON, IN ALGARVE, SOUTHERN PORTUGAL. <i>Israel Journal of Zoology</i> , 2005, 51, 157-164.	0.2	5
71	<i>Conus pennaceus</i> : a phylogenetic analysis of the Mozambican molluscan complex. <i>African Journal of Marine Science</i> , 2010, 32, 591-599.	0.4	5
72	Genetic divergence in Cork Oak based on cpDNA sequence data. <i>BMC Proceedings</i> , 2011, 5, .	1.8	5

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73	Molecular Evidence of Polyandry in the Citrus Mealybug, <i>Planococcus citri</i> (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.1	5
74	Habitat filtering and inferred dispersal ability condition across scale species turnover and rarity in Macaronesian island spider assemblages. <i>Journal of Biogeography</i> , 2021, 48, 3131-3144.	1.4	5
75	Worldwide Population Structure of the Coffee Rust Fungus <i>Hemileia vastatrix</i> Is Strongly Shaped by Local Adaptation and Breeding History. <i>Phytopathology</i> , 2022, 112, 1998-2011.	1.1	5
76	Morphology, songs and genetics identify two new cicada species from Morocco: <i>Tettigetta</i> <i>afroamissa</i> sp. nov. and <i>Berberigetta dimelodica</i> gen. nov. & sp. nov. (Hemiptera: Cicadettini). <i>Zootaxa</i> , 2017, 4237, 517.	0.2	4
77	New data on polymorphism of the meadow spittlebug <i>Philaenus spumarius</i> (L.) (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.2	4
78	Highly regional population structure of <i>Spondylisma cantharus</i> depicted by nuclear and mitochondrial DNA data. <i>Scientific Reports</i> , 2020, 10, 4063.	1.6	4
79	Revision of the morphology, phylogenetic relationships, behaviour and diversity of the Iberian and Italian ant-like <i>Tachydromia</i> Meigen, 1803 (Diptera: Hybotidae). <i>European Journal of Taxonomy</i> , 0, 732, 1-56.	0.6	4
80	Population structure in <i>Quercus suber</i> L. revealed by nuclear microsatellite markers. <i>PeerJ</i> , 0, 10, e13565.	0.9	4
81	p53 gene discriminates two ecologically divergent sister species of pine voles. <i>Heredity</i> , 2015, 115, 444-451.	1.2	3
82	Genetic Diversity and Population Structure of Wild Beets ( <i>Beta</i> spp.) from the Western Iberian Peninsula and the Azores and Madeira Islands. <i>Diversity</i> , 2021, 13, 593.	0.7	3
83	Isolation and characterization of fifteen polymorphic microsatellite loci for the citrus mealybug, <i>Planococcus citri</i> (Hemiptera: Pseudococcidae), and cross-amplification in two other mealybug species. <i>Journal of Genetics</i> , 2012, 91, e75-8.	0.4	3
84	4Pipe4 – A 454 data analysis pipeline for SNP detection in datasets with no reference sequence or strain information. <i>BMC Bioinformatics</i> , 2016, 17, 41.	1.2	2
85	Genetic variability on worldwide populations of the scale insect <i>Pulvinariella mesembryanthemi</i> . <i>Biological Invasions</i> , 2020, 22, 735-748.	1.2	2
86	Ancient divergence, a crisis of salt and another of ice shaped the evolution of the west Mediterranean butterfly <i>Euchloe tagis</i> . <i>Biological Journal of the Linnean Society</i> , 2020, 131, 487-504.	0.7	2
87	<i>Tettigetta josei</i> (Boulard, 1982) (Hemiptera: Cicadoidea): first record in Spain, with notes on the distribution, genetic variation and behaviour of the species. <i>Biodiversity Data Journal</i> , 2014, 2, e1045.	0.4	2
88	PCR-based detection of prey DNA in the gut contents of the tiger-fly, <i>Coenosia attenuata</i> (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	2
89	Chemical and Genetic Relationships of <i>Cynara cardunculus</i> L. (Cardoon) in Southern Portugal. , 2021, 11, .		1
90	Morphological distinction of Iberian midwife toads: <i>Alytes obstetricans</i> may have two metacarpal tubercles. <i>Amphibia - Reptilia</i> , 1996, 17, 67-70.	0.1	0

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91	Microsatellite loci isolated from <i>Chamaeleo chamaeleon</i> . <i>Journal of Genetics</i> , 2015, 94, 144-147.	0.4	0