

Pedro A Soares

List of Publications by Year in descending order

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76
papers

4,913
citations

136950

32
h-index

98798

67
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79
all docs

79
docs citations

79
times ranked

6383
citing authors

#	ARTICLE	IF	CITATIONS
1	Correcting for Purifying Selection: An Improved Human Mitochondrial Molecular Clock. <i>American Journal of Human Genetics</i> , 2009, 84, 740-759.	6.2	643
2	The genomic history of the Iberian Peninsula over the past 8000 years. <i>Science</i> , 2019, 363, 1230-1234.	12.6	340
3	Genetic and archaeological perspectives on the initial modern human colonization of southern Asia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10699-10704.	7.1	246
4	A common MYBPC3 (cardiac myosin binding protein C) variant associated with cardiomyopathies in South Asia. <i>Nature Genetics</i> , 2009, 41, 187-191.	21.4	245
5	A Mitochondrial Stratigraphy for Island Southeast Asia. <i>American Journal of Human Genetics</i> , 2007, 80, 29-43.	6.2	228
6	The Expansion of mtDNA Haplogroup L3 within and out of Africa. <i>Molecular Biology and Evolution</i> , 2012, 29, 915-927.	8.9	226
7	The Archaeogenetics of Europe. <i>Current Biology</i> , 2010, 20, R174-R183.	3.9	210
8	Mitochondrial genomes from modern horses reveal the major haplogroups that underwent domestication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2449-2454.	7.1	198
9	Climate Change and Postglacial Human Dispersals in Southeast Asia. <i>Molecular Biology and Evolution</i> , 2008, 25, 1209-1218.	8.9	186
10	Ancient Voyaging and Polynesian Origins. <i>American Journal of Human Genetics</i> , 2011, 88, 239-247.	6.2	161
11	Phylogeography and Ethnogenesis of Aboriginal Southeast Asians. <i>Molecular Biology and Evolution</i> , 2006, 23, 2480-2491.	8.9	153
12	Mitochondrial DNA Signals of Late Glacial Recolonization of Europe from Near Eastern Refugia. <i>American Journal of Human Genetics</i> , 2012, 90, 915-924.	6.2	150
13	Population Genetic Structure in Indian Austroasiatic Speakers: The Role of Landscape Barriers and Sex-Specific Admixture. <i>Molecular Biology and Evolution</i> , 2011, 28, 1013-1024.	8.9	135
14	The Arabian Cradle: Mitochondrial Relicts of the First Steps along the Southern Route out of Africa. <i>American Journal of Human Genetics</i> , 2012, 90, 347-355.	6.2	116
15	Comparing Phylogeny and the Predicted Pathogenicity of Protein Variations Reveals Equal Purifying Selection across the Global Human mtDNA Diversity. <i>American Journal of Human Genetics</i> , 2011, 88, 433-439.	6.2	103
16	Complete Mitochondrial Genome Sequence of the Tyrolean Iceman. <i>Current Biology</i> , 2008, 18, 1687-1693.	3.9	101
17	The First Modern Human Dispersals across Africa. <i>PLoS ONE</i> , 2013, 8, e80031.	2.5	86
18	A substantial prehistoric European ancestry amongst Ashkenazi maternal lineages. <i>Nature Communications</i> , 2013, 4, 2543.	12.8	80

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19	Somatic mitochondrial DNA mutations in cancer escape purifying selection and high pathogenicity mutations lead to the oncocytic phenotype: pathogenicity analysis of reported somatic mtDNA mutations in tumors. <i>BMC Cancer</i> , 2012, 12, 53.	2.6	75
20	Resolving the ancestry of Austronesian-speaking populations. <i>Human Genetics</i> , 2016, 135, 309-326.	3.8	71
21	Extensive Admixture and Selective Pressure Across the Sahel Belt. <i>Genome Biology and Evolution</i> , 2015, 7, 3484-3495.	2.5	68
22	Mitogenome Diversity in Sardinians: A Genetic Window onto an Island's Past. <i>Molecular Biology and Evolution</i> , 2017, 34, 1230-1239.	8.9	61
23	A genetic chronology for the Indian Subcontinent points to heavily sex-biased dispersals. <i>BMC Evolutionary Biology</i> , 2017, 17, 88.	3.2	59
24	Population expansion in the North African Late Pleistocene signalled by mitochondrial DNA haplogroup U6. <i>BMC Evolutionary Biology</i> , 2010, 10, 390.	3.2	52
25	OSBPL10, RXRA and lipid metabolism confer African-ancestry protection against dengue haemorrhagic fever in admixed Cubans. <i>PLoS Pathogens</i> , 2017, 13, e1006220.	4.7	51
26	A dispersal of Homo sapiens from southern to eastern Africa immediately preceded the out-of-Africa migration. <i>Scientific Reports</i> , 2019, 9, 4728.	3.3	49
27	Evidence for Variable Selective Pressures at a Large Secondary Structure of the Human Mitochondrial DNA Control Region. <i>Molecular Biology and Evolution</i> , 2008, 25, 2759-2770.	8.9	47
28	Genetic Structure of Pastoral and Farmer Populations in the African Sahel. <i>Molecular Biology and Evolution</i> , 2011, 28, 2491-2500.	8.9	43
29	Genetic Stratigraphy of Key Demographic Events in Arabia. <i>PLoS ONE</i> , 2015, 10, e0118625.	2.5	40
30	Mapping human dispersals into the Horn of Africa from Arabian Ice Age refugia using mitogenomes. <i>Scientific Reports</i> , 2016, 6, 25472.	3.3	40
31	Evaluating Purifying Selection in the Mitochondrial DNA of Various Mammalian Species. <i>PLoS ONE</i> , 2013, 8, e58993.	2.5	39
32	Pleistocene-Holocene boundary in Southern Arabia from the perspective of human mtDNA variation. <i>American Journal of Physical Anthropology</i> , 2012, 149, 291-298.	2.1	37
33	60,000 years of interactions between Central and Eastern Africa documented by major African mitochondrial haplogroup L2. <i>Scientific Reports</i> , 2015, 5, 12526.	3.3	33
34	BAGS: An automated Barcode, Audit & Grade System for DNA barcode reference libraries. <i>Molecular Ecology Resources</i> , 2021, 21, 573-583.	4.8	33
35	Assembling and auditing a comprehensive <scp>DNA</scp> barcode reference library for European marine fishes. <i>Journal of Fish Biology</i> , 2016, 89, 2741-2754.	1.6	30
36	Population history of the Red Sea genetic exchanges between the Arabian Peninsula and East Africa signaled in the mitochondrial DNA HV1 haplogroup. <i>American Journal of Physical Anthropology</i> , 2011, 145, 592-598.	2.1	29

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37	Quantifying the legacy of the Chinese Neolithic on the maternal genetic heritage of Taiwan and Island Southeast Asia. <i>Human Genetics</i> , 2016, 135, 363-376.	3.8	28
38	Origin and spread of human mitochondrial DNA haplogroup U7. <i>Scientific Reports</i> , 2017, 7, 46044.	3.3	25
39	Reconciling evidence from ancient and contemporary genomes: a major source for the European Neolithic within Mediterranean Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20161976.	2.6	22
40	Carboxylic Acid Transporters in <i>Candida</i> Pathogenesis. <i>MBio</i> , 2020, 11, .	4.1	22
41	Biotechnological Importance of <i>Torulasporea delbrueckii</i> : From the Obscurity to the Spotlight. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 712.	3.5	22
42	Phylogeography of 27,000 SARS-CoV-2 Genomes: Europe as the Major Source of the COVID-19 Pandemic. <i>Microorganisms</i> , 2020, 8, 1678.	3.6	21
43	Deep segregation in the open ocean: Macaronesia as an evolutionary hotspot for low dispersal marine invertebrates. <i>Molecular Ecology</i> , 2019, 28, 1784-1800.	3.9	20
44	Early Holocene and Historic mtDNA African Signatures in the Iberian Peninsula: The Andalusian Region as a Paradigm. <i>PLoS ONE</i> , 2015, 10, e0139784.	2.5	18
45	Mosaic maternal ancestry in the Great Lakes region of East Africa. <i>Human Genetics</i> , 2015, 134, 1013-1027.	3.8	18
46	The Genetic Impact of the Lake Chad Basin Population in North Africa as Documented by Mitochondrial Diversity and Internal Variation of the L3e5 Haplogroup. <i>Annals of Human Genetics</i> , 2013, 77, 513-523.	0.8	17
47	The acetate uptake transporter family motif α -NPAPLGL(M/S) is essential for substrate uptake. <i>Fungal Genetics and Biology</i> , 2019, 122, 1-10.	2.1	17
48	Evolutionary analysis of <i>Mycobacterium bovis</i> genotypes across Africa suggests co-evolution with livestock and humans. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008081.	3.0	16
49	Palaeogenomics: Mitogenomes and Migrations in Europe's Past. <i>Current Biology</i> , 2016, 26, R243-R246.	3.9	15
50	A Genetic Perspective on African Prehistory. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2016, , 383-405.	0.5	15
51	Rectifying long-standing misconceptions about the τ -statistic for molecular dating. <i>PLoS ONE</i> , 2019, 14, e0212311.	2.5	15
52	Expanding the Knowledge on the Skillful Yeast <i>Cyberlindnera jadinii</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 712.	3.5	15
53	Evidence of Austronesian Genetic Lineages in East Africa and South Arabia: Complex Dispersal from Madagascar and Southeast Asia. <i>Genome Biology and Evolution</i> , 2019, 11, 748-758.	2.5	15
54	Association of Leukotriene A4 Hydrolase with Tuberculosis Susceptibility Using Genomic Data in Portugal. <i>Microorganisms</i> , 2019, 7, 650.	3.6	14

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55	A founder SDHB mutation in Portuguese paraganglioma patients. <i>Endocrine-Related Cancer</i> , 2013, 20, L23-L26.	3.1	12
56	Ancient DNA at the edge of the world: Continental immigration and the persistence of Neolithic male lineages in Bronze Age Orkney. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	12
57	A glimpse at an early stage of microbe domestication revealed in the variable genome of <i>Torulaspora delbrueckii</i> , an emergent industrial yeast. <i>Molecular Ecology</i> , 2023, 32, 2396-2412.	3.9	12
58	Fine Time Scaling of Purifying Selection on Human Nonsynonymous mtDNA Mutations Based on the Worldwide Population Tree and Mother-Child Pairs. <i>Human Mutation</i> , 2015, 36, 1100-1111.	2.5	11
59	Improvement of <i>Torulaspora delbrueckii</i> Genome Annotation: Towards the Exploitation of Genomic Features of a Biotechnologically Relevant Yeast. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 287.	3.5	10
60	Mutational Spectrum and Linkage Disequilibrium Patterns at the Ornithine Transcarbamylase Gene (OTC). <i>Annals of Human Genetics</i> , 2006, 70, 797-801.	0.8	8
61	A multiplex primer extension assay for the rapid identification of paternal lineages in domestic goat (<i>Capra hircus</i>): Laying the foundations for a detailed caprine Y chromosome phylogeny. <i>Molecular Phylogenetics and Evolution</i> , 2008, 49, 663-668.	2.7	8
62	Global human frequencies of predicted nuclear pathogenic variants and the role played by protein hydrophobicity in pathogenicity potential. <i>Scientific Reports</i> , 2014, 4, 7155.	3.3	8
63	Biomolecular insights into North African-related ancestry, mobility and diet in eleventh-century Al-Andalus. <i>Scientific Reports</i> , 2021, 11, 18121.	3.3	8
64	Maternal relationships within an Iron Age burial at the High Pasture Cave, Isle of Skye, Scotland. <i>Journal of Archaeological Science</i> , 2019, 110, 104978.	2.4	6
65	Relative Y-STR mutation rates estimated from the variance inside SNP defined lineages. <i>International Congress Series</i> , 2006, 1288, 82-84.	0.2	3
66	Uncovering Novel Plasma Membrane Carboxylate Transporters in the Yeast <i>Cyberlindnera jadinii</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 51.	3.5	3
67	ARCHAEOGENETIC AND PALAEOGENETIC EVIDENCE FOR METAL AGE MOBILITY IN EUROPE. , 2016, , 351-384.		2
68	ONCE UPON A TIME IN THE WEST:. , 2018, , 153-191.		2
69	Whole-Genome Sequencing and Annotation of the Yeast <i>Clavispora santaluciae</i> Reveals Important Insights about Its Adaptation to the Vineyard Environment. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 52.	3.5	2
70	<i>Archaeogenetics.</i> , 2015, , 26-54.		1
71	Untangling Neolithic and Bronze Age mitochondrial lineages in South Asia. <i>Annals of Human Biology</i> , 2019, 46, 140-144.	1.0	1
72	Population Analysis and Evolution of <i>Saccharomyces cerevisiae</i> Mitogenomes. <i>Microorganisms</i> , 2020, 8, 1001.	3.6	1

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73	On Methodological issues in the Indo-European debate By Michel Danino. Journal of Biosciences, 2019, 44, 1.	1.1	0
74	Evolutionary insights derived from comprehensive analyses of DNA barcoding diversity in marine members of the superorder Peracarida (Crustacea: Malacostraca). Frontiers in Marine Science, 0, 6, .	2.5	0
75	An Efficient and User-Friendly Implementation of the Founder Analysis Methodology. Advances in Intelligent Systems and Computing, 2020, , 121-128.	0.6	0
76	Methodological issues in the Indo-European debate Michel Danino. Journal of Biosciences, 2019, 44, .	1.1	0