

# Pedro A Soares

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

4,913  
citations

136950

32  
h-index

98798

67  
g-index

79  
all docs

79  
docs citations

79  
times ranked

6383  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 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        |
| 2  | Uncovering Novel Plasma Membrane Carboxylate Transporters in the Yeast <i>Cyberlindnera jadinii</i> . <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 51.   | 3.5 | 3         |
| 3  | 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</i> (Basel, Switzerland), 2022, 8, 52.                | 3.5 | 2         |
| 4  | 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        |
| 5  | Improvement of <i>Torulaspora delbrueckii</i> Genome Annotation: Towards the Exploitation of Genomic Features of a Biotechnologically Relevant Yeast. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 287.                        | 3.5 | 10        |
| 6  | Biotechnological Importance of <i>Torulaspora delbrueckii</i> : From the Obscurity to the Spotlight. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 712.   | 3.5 | 22        |
| 7  | 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         |
| 8  | Expanding the Knowledge on the Skillful Yeast <i>Cyberlindnera jadinii</i> . <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 712.   | 3.5 | 15        |
| 9  | BAGS: An automated Barcode, Audit & Grade System for DNA barcode reference libraries. <i>Molecular Ecology Resources</i> , 2021, 21, 573-583.  | 4.8 | 33        |
| 10 | Population Analysis and Evolution of <i>Saccharomyces cerevisiae</i> Mitogenomes. <i>Microorganisms</i> , 2020, 8, 1001.   | 3.6 | 1         |
| 11 | 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        |
| 12 | Carboxylic Acid Transporters in <i>Candida</i> Pathogenesis. <i>MBio</i> , 2020, 11, .   | 4.1 | 22        |
| 13 | 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        |
| 14 | An Efficient and User-Friendly Implementation of the Founder Analysis Methodology. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 121-128.   | 0.6 | 0         |
| 15 | On Methodological issues in the Indo-European debate By Michel Danino. <i>Journal of Biosciences</i> , 2019, 44, 1.  | 1.1 | 0         |
| 16 | Untangling Neolithic and Bronze Age mitochondrial lineages in South Asia. <i>Annals of Human Biology</i> , 2019, 46, 140-144.  | 1.0 | 1         |
| 17 | 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         |
| 18 | A dispersal of <i>Homo sapiens</i> from southern to eastern Africa immediately preceded the out-of-Africa migration. <i>Scientific Reports</i> , 2019, 9, 4728.  | 3.3 | 49        |

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|----|--|------|-----------|
| 19 | The genomic history of the Iberian Peninsula over the past 8000 years. <i>Science</i> , 2019, 363, 1230-1234.  | 12.6 | 340       |
| 20 | Rectifying long-standing misconceptions about the $\chi^2$ -statistic for molecular dating. <i>PLoS ONE</i> , 2019, 14, e0212311.  | 2.5  | 15        |
| 21 | 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        |
| 22 | Association of Leukotriene A4 Hydrolase with Tuberculosis Susceptibility Using Genomic Data in Portugal. <i>Microorganisms</i> , 2019, 7, 650.   | 3.6  | 14        |
| 23 | The acetate uptake transporter family motif $\alpha$ -NPAPLGL(M/S) is essential for substrate uptake. <i>Fungal Genetics and Biology</i> , 2019, 122, 1-10.  | 2.1  | 17        |
| 24 | 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        |
| 25 | Methodological issues in the Indo-European debate Michel Danino. <i>Journal of Biosciences</i> , 2019, 44, .   | 1.1  | 0         |
| 26 | ONCE UPON A TIME IN THE WEST: , 2018, , 153-191.   |      | 2         |
| 27 | 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        |
| 28 | Origin and spread of human mitochondrial DNA haplogroup U7. <i>Scientific Reports</i> , 2017, 7, 46044.  | 3.3  | 25        |
| 29 | 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        |
| 30 | A genetic chronology for the Indian Subcontinent points to heavily sex-biased dispersals. <i>BMC Evolutionary Biology</i> , 2017, 17, 88.  | 3.2  | 59        |
| 31 | 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        |
| 32 | Assembling and auditing a comprehensive $\langle scp \rangle$ DNA $\langle /scp \rangle$ barcode reference library for European marine fishes. <i>Journal of Fish Biology</i> , 2016, 89, 2741-2754.                     | 1.6  | 30        |
| 33 | 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        |
| 34 | Palaeogenomics: Mitogenomes and Migrations in Europe's Past. <i>Current Biology</i> , 2016, 26, R243-R246.   | 3.9  | 15        |
| 35 | Resolving the ancestry of Austronesian-speaking populations. <i>Human Genetics</i> , 2016, 135, 309-326.   | 3.8  | 71        |
| 36 | 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        |

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|----|---|------|-----------|
| 37 | A Genetic Perspective on African Prehistory. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2016, , 383-405.  | 0.5  | 15        |
| 38 | ARCHAEOGENETIC AND PALAEOGENETIC EVIDENCE FOR METAL AGE MOBILITY IN EUROPE. , 2016, , 351-384.  |      | 2         |
| 39 | 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        |
| 40 | Archaeogenetics. , 2015, , 26-54.   |      | 1         |
| 41 | Extensive Admixture and Selective Pressure Across the Sahel Belt. <i>Genome Biology and Evolution</i> , 2015, 7, 3484-3495.   | 2.5  | 68        |
| 42 | Genetic Stratigraphy of Key Demographic Events in Arabia. <i>PLoS ONE</i> , 2015, 10, e0118625.   | 2.5  | 40        |
| 43 | 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        |
| 44 | 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        |
| 45 | Mosaic maternal ancestry in the Great Lakes region of East Africa. <i>Human Genetics</i> , 2015, 134, 1013-1027.  | 3.8  | 18        |
| 46 | 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         |
| 47 | A founder SDHB mutation in Portuguese paraganglioma patients. <i>Endocrine-Related Cancer</i> , 2013, 20, L23-L26.  | 3.1  | 12        |
| 48 | 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       |
| 49 | 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        |
| 50 | A substantial prehistoric European ancestry amongst Ashkenazi maternal lineages. <i>Nature Communications</i> , 2013, 4, 2543.  | 12.8 | 80        |
| 51 | The First Modern Human Dispersals across Africa. <i>PLoS ONE</i> , 2013, 8, e80031.   | 2.5  | 86        |
| 52 | Evaluating Purifying Selection in the Mitochondrial DNA of Various Mammalian Species. <i>PLoS ONE</i> , 2013, 8, e58993.  | 2.5  | 39        |
| 53 | The Expansion of mtDNA Haplogroup L3 within and out of Africa. <i>Molecular Biology and Evolution</i> , 2012, 29, 915-927.  | 8.9  | 226       |
| 54 | 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       |

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|----|--|------|-----------|
| 55 | 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        |
| 56 | Somatic mitochondrial DNA mutations in cancer escape purifying selection and high pathogenicity mutations lead to the oncogenic phenotype: pathogenicity analysis of reported somatic mtDNA mutations in tumors. <i>BMC Cancer</i> , 2012, 12, 53.                     | 2.6  | 75        |
| 57 | 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       |
| 58 | 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       |
| 59 | Ancient Voyaging and Polynesian Origins. <i>American Journal of Human Genetics</i> , 2011, 88, 239-247.  | 6.2  | 161       |
| 60 | 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       |
| 61 | 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        |
| 62 | 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       |
| 63 | Genetic Structure of Pastoral and Farmer Populations in the African Sahel. <i>Molecular Biology and Evolution</i> , 2011, 28, 2491-2500.   | 8.9  | 43        |
| 64 | 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        |
| 65 | The Archaeogenetics of Europe. <i>Current Biology</i> , 2010, 20, R174-R183.   | 3.9  | 210       |
| 66 | 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       |
| 67 | Correcting for Purifying Selection: An Improved Human Mitochondrial Molecular Clock. <i>American Journal of Human Genetics</i> , 2009, 84, 740-759.  | 6.2  | 643       |
| 68 | 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         |
| 69 | Complete Mitochondrial Genome Sequence of the Tyrolean Iceman. <i>Current Biology</i> , 2008, 18, 1687-1693.   | 3.9  | 101       |
| 70 | Climate Change and Postglacial Human Dispersals in Southeast Asia. <i>Molecular Biology and Evolution</i> , 2008, 25, 1209-1218.   | 8.9  | 186       |
| 71 | 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        |
| 72 | A Mitochondrial Stratigraphy for Island Southeast Asia. <i>American Journal of Human Genetics</i> , 2007, 80, 29-43.   | 6.2  | 228       |

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|----|---|-----|-----------|
| 73 | Relative Y-STR mutation rates estimated from the variance inside SNP defined lineages. International Congress Series, 2006, 1288, 82-84.  | 0.2 | 3         |
| 74 | Mutational Spectrum and Linkage Disequilibrium Patterns at the Ornithine Transcarbamylase Gene (OTC). Annals of Human Genetics, 2006, 70, 797-801.  | 0.8 | 8         |
| 75 | Phylogeography and Ethnogenesis of Aboriginal Southeast Asians. Molecular Biology and Evolution, 2006, 23, 2480-2491.   | 8.9 | 153       |
| 76 | 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         |