

Filipe Pereira

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

2,386
citations

257450

24
h-index

233421

45
g-index

86
all docs

86
docs citations

86
times ranked

3687
citing authors

#	ARTICLE	IF	CITATIONS
1	Revealing the History of Sheep Domestication Using Retrovirus Integrations. <i>Science</i> , 2009, 324, 532-536.	12.6	402
2	A Paradigm for Virus-Host Coevolution: Sequential Counter-Adaptations between Endogenous and Exogenous Retroviruses. <i>PLoS Pathogens</i> , 2007, 3, e170.	4.7	135
3	Identification of Species with DNA-Based Technology: Current Progress and Challenges. <i>Recent Patents on DNA & Gene Sequences</i> , 2008, 2, 187-200.	0.7	109
4	Evolutionary dynamics of the SARS-CoV-2 ORF8 accessory gene. <i>Infection, Genetics and Evolution</i> , 2020, 85, 104525.	2.3	102
5	Tracing the History of Goat Pastoralism: New Clues from Mitochondrial and Y Chromosome DNA in North Africa. <i>Molecular Biology and Evolution</i> , 2009, 26, 2765-2773.	8.9	96
6	Genetic Signatures of a Mediterranean Influence in Iberian Peninsula Sheep Husbandry. <i>Molecular Biology and Evolution</i> , 2006, 23, 1420-1426.	8.9	94
7	Association of G-quadruplex forming sequences with human mtDNA deletion breakpoints. <i>BMC Genomics</i> , 2014, 15, 677.	2.8	91
8	Forensic genetics and genomics: Much more than just a human affair. <i>PLoS Genetics</i> , 2017, 13, e1006960.	3.5	71
9	Mitochondrial DNA Rearrangements in Health and Disease-A Comprehensive Study. <i>Human Mutation</i> , 2014, 35, 1-14.	2.5	67
10	Mitochondrial DNA deletions are associated with non-B DNA conformations. <i>Nucleic Acids Research</i> , 2012, 40, 7606-7621.	14.5	64
11	Digital PCR methods improve detection sensitivity and measurement precision of low abundance mtDNA deletions. <i>Scientific Reports</i> , 2016, 6, 25186.	3.3	63
12	The mtDNA catalogue of all Portuguese autochthonous goat (<i>Capra hircus</i>) breeds: high diversity of female lineages at the western fringe of European distribution. <i>Molecular Ecology</i> , 2005, 14, 2313-2318.	3.9	54
13	Actinobacteria Isolated From <i>Laminaria ochroleuca</i> : A Source of New Bioactive Compounds. <i>Frontiers in Microbiology</i> , 2019, 10, 683.	3.5	54
14	Identification of species by multiplex analysis of variable-length sequences. <i>Nucleic Acids Research</i> , 2010, 38, e203-e203.	14.5	53
15	MitoBreak: the mitochondrial DNA breakpoints database. <i>Nucleic Acids Research</i> , 2014, 42, D1261-D1268.	14.5	51
16	A new autosomal STR nineplex for canine identification and parentage testing. <i>Electrophoresis</i> , 2009, 30, 417-423.	2.4	48
17	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
18	New Method for the Simultaneous Identification of Cow, Sheep, Goat, and Water Buffalo in Dairy Products by Analysis of Short Species-Specific Mitochondrial DNA Targets. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 10480-10485.	5.2	45

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19	New Insights into the Phylogeny and Worldwide Dispersion of Two Closely Related Nematode Species, <i>Bursaphelenchus xylophilus</i> and <i>Bursaphelenchus mucronatus</i> . <i>PLoS ONE</i> , 2013, 8, e56288.	2.5	43
20	Epistatic interactions modulate the evolution of mammalian mitochondrial respiratory complex components. <i>BMC Genomics</i> , 2009, 10, 266.	2.8	33
21	Comparative Analysis of the Adhesive Proteins of the Adult Stalked Goose Barnacle <i>Pollicipes pollicipes</i> (Cirripedia: Pedunculata). <i>Marine Biotechnology</i> , 2019, 21, 38-51.	2.4	33
22	Data for Y-chromosome haplotypes defined by 17 STRs (AmpFLSTR® Yfiler®,ϕ) in two Tunisian Berber communities. <i>Forensic Science International</i> , 2006, 160, 80-83.	2.2	31
23	SARS-CoV-2 variants combining spike mutations and the absence of ORF8 may be more transmissible and require close monitoring. <i>Biochemical and Biophysical Research Communications</i> , 2021, 550, 8-14.	2.1	31
24	The mitogenomic phylogeny of the Elasmobranchii (Chondrichthyes). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2018, 29, 867-878.	0.7	30
25	Biodegradation of mono-, di- and trifluoroacetate by microbial cultures with different origins. <i>New Biotechnology</i> , 2018, 43, 23-29.	4.4	29
26	MtDNA diversity among four Portuguese autochthonous dog breeds: a fine-scale characterisation. <i>BMC Genetics</i> , 2005, 6, 37.	2.7	24
27	Mitochondrial lineages reveal intense gene flow between Iberian wild boars and South Iberian pig breeds. <i>Animal Genetics</i> , 2012, 43, 35-41.	1.7	24
28	Splice-Break: exploiting an RNA-seq splice junction algorithm to discover mitochondrial DNA deletion breakpoints and analyses of psychiatric disorders. <i>Nucleic Acids Research</i> , 2019, 47, e59-e59.	14.5	22
29	A framework for the development of STR genotyping in domestic animal species: Characterization and population study of 12 canine X-chromosome loci. <i>Electrophoresis</i> , 2010, 31, 303-308.	2.4	21
30	Species assignment in forensics and the challenge of hybrids. <i>Forensic Science International: Genetics</i> , 2020, 48, 102333.	3.1	21
31	Usefulness of microchip electrophoresis for the analysis of mitochondrial DNA in forensic and ancient DNA studies. <i>Electrophoresis</i> , 2006, 27, 5101-5109.	2.4	20
32	Genetic profiles and sex identification of found-dead wolves determined by the use of an 11-loci PCR multiplex. <i>Forensic Science International: Genetics</i> , 2010, 4, 68-72.	3.1	20
33	Diversity and Bioactive Potential of Actinobacteria Isolated from a Coastal Marine Sediment in Northern Portugal. <i>Microorganisms</i> , 2020, 8, 1691.	3.6	20
34	Mitochondrial <i>scp</i> DNA variation of domestic sheep (<i>Ovis aries</i>) in Kenya. <i>Animal Genetics</i> , 2016, 47, 377-381.	1.7	19
35	Species identification in forensic samples using the SPInDel approach: A GHEP-ISFG inter-laboratory collaborative exercise. <i>Forensic Science International: Genetics</i> , 2017, 28, 219-224.	3.1	19
36	Evolution of the NET (NocA, Nlz, Elbow, TLP-1) protein family in metazoans: insights from expression data and phylogenetic analysis. <i>Scientific Reports</i> , 2016, 6, 38383.	3.3	17

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37	SARS-CoV-2 variants lacking a functional ORF8 may reduce accuracy of serological testing. <i>Journal of Immunological Methods</i> , 2021, 488, 112906.	1.4	17
38	SARS-CoV-2 variants lacking ORF8 occurred in farmed mink and pangolin. <i>Gene</i> , 2021, 784, 145596.	2.2	17
39	SPI n D el: a multifunctional workbench for species identification using insertion/deletion variants. <i>Molecular Ecology Resources</i> , 2012, 12, 1190-1195.	4.8	15
40	Identification of plant species using variable length chloroplast DNA sequences. <i>Forensic Science International: Genetics</i> , 2018, 36, 1-12.	3.1	15
41	A Guide for Mitochondrial DNA Analysis in Non-Human Forensic Investigations~!2010-01-07~!2010-04-02~!2010-05-17~!. <i>The Open Forensic Science Journal</i> , 2010, 3, 33-44.	0.8	15
42	The risks of using â€œspecies-specificâ€•PCR assays in wildlife research: The case of red fox (<i>Vulpes vulpes</i>) identification in Tasmania. <i>Forensic Science International: Genetics</i> , 2014, 11, e9-e11.	3.1	13
43	Metagenomic Composition Analysis of an Ancient Sequenced Polar Bear Jawbone from Svalbard. <i>Genes</i> , 2018, 9, 445.	2.4	13
44	The dispersion and detection patterns of mt DNA â€œassigned red fox <i>Vulpes vulpes</i> scats in Tasmania are anomalous. <i>Journal of Applied Ecology</i> , 2014, 51, 1033-1040.	4.0	10
45	Amphibians on the hotspot: Molecular biology and conservation in the South American Atlantic Rainforest. <i>PLoS ONE</i> , 2019, 14, e0224320.	2.5	9
46	State-of-the-Art and Future Prospects of Canine STR-Based Genotyping~!2010-01-07~!2010-04-02~!2010-05-17~!. <i>The Open Forensic Science Journal</i> , 2010, 3, 45-52.	0.8	9
47	A multiplex primer â 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
48	EbolalD: An Online Database of Informative Genomic Regions for Ebola Identification and Treatment. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004757.	3.0	8
49	mtDNA lineages in two Tunisian Berber communities: Comparing diversities between villages and towns. <i>International Congress Series</i> , 2006, 1288, 121-123.	0.2	7
50	Analysis of inter-specific mitochondrial DNA diversity for accurate species identification. <i>International Congress Series</i> , 2006, 1288, 103-105.	0.2	7
51	Opportunistically acquired evidence is unsuitable data to model fox (<i>Vulpes vulpes</i>) distribution in Tasmania. <i>Wildlife Society Bulletin</i> , 2014, 38, 757-766.	1.6	6
52	The genetic diversity and phylogeography of Mexican domestic sheep. <i>Small Ruminant Research</i> , 2020, 187, 106109.	1.2	6
53	Identification of mtDNA Lineages of <i>Sus scrofa</i> by Multiplex Single Base Extension for the Authentication of Processed Food Products. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 6920-6926.	5.2	5
54	A method to assemble DNA fragments mimicking junctions of transgenic elements: Application to the AquAdvantage salmon. <i>Food Control</i> , 2017, 82, 179-183.	5.5	5

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55	Molecular Evolution of DNA Topoisomerase III Beta (TOP3B) in Metazoa. <i>Journal of Molecular Evolution</i> , 2021, 89, 384-395.	1.8	5
56	Evolutionary History of TOPIIA Topoisomerases in Animals. <i>Journal of Molecular Evolution</i> , 2022, 90, 149-165.	1.8	5
57	Geographical contrasts of Y-chromosomal haplogroups from wild and domestic goats reveal ancient migrations and recent introgressions. <i>Molecular Ecology</i> , 2022, 31, 4364-4380.	3.9	5
58	A multiplex PCR assay for identification of the red fox (<i>Vulpes vulpes</i>) using the mitochondrial ribosomal RNA genes. <i>Conservation Genetics Resources</i> , 2015, 7, 45-48.	0.8	4
59	Design and evaluation of PCR primers for amplification of four chloroplast DNA regions in plants. <i>Conservation Genetics Resources</i> , 2017, 9, 9-12.	0.8	4
60	A Guide for Mitochondrial DNA Analysis in Non-Human Forensic Investigations. <i>The Open Forensic Science Journal</i> , 2012, 3, 33-44.	0.8	4
61	Molecular dynamics and intrinsic disorder analysis of the SARS-CoV-2 Nsp1 structural changes caused by substitution and deletion mutations. <i>Molecular Simulation</i> , 2022, 48, 1192-1201.	2.0	4
62	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
63	A new autosomal STR multiplex for canine genotyping. <i>Forensic Science International: Genetics Supplement Series</i> , 2008, 1, 628-629.	0.3	3
64	Results of the GHEP-ISFG collaborative exercise for the taxonomic identification of forensic samples using the SPInDel method. <i>Forensic Science International: Genetics Supplement Series</i> , 2015, 5, e184-e185.	0.3	3
65	A proposal for standardization of transgenic reference sequences used in food forensics. <i>Forensic Science International: Genetics</i> , 2017, 29, e26-e28.	3.1	3
66	The HIV oligonucleotide database (HIVoligoDB). <i>Database: the Journal of Biological Databases and Curation</i> , 2017, 2017, .	3.0	3
67	Did "precautionary" 1080 baiting have a realistic potential to eradicate <i>Peromyscus</i> (<i>Vulpes vulpes</i>) in Tasmania without <i>in situ</i> monitoring data?. <i>Ecological Management and Restoration</i> , 2014, 15, 196-203.	1.5	2
68	The mitochondrial genome of the pinewood nematode (<i>Bursaphelenchus xylophilus</i>) lineage introduced in Europe. <i>Mitochondrial DNA</i> , 2014, 25, 420-421.	0.6	2
69	The shark panel: An InDel multiplex for shark species identification. <i>Forensic Science International: Genetics Supplement Series</i> , 2015, 5, e430-e432.	0.3	2
70	Applications of DNA-Based Methods in Food Forensics. <i>Security Science and Technology</i> , 2016, , 493-517.	0.5	2
71	Trends in anecdotal fox sightings in Tasmania accounted for by psychological factors. <i>Conservation Biology</i> , 2017, 31, 1450-1458.	4.7	2
72	Quantification of <i>Neurospora crassa</i> mitochondrial DNA using quantitative real-time PCR. <i>Letters in Applied Microbiology</i> , 2020, 71, 171-178.	2.2	2

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73	Species identification in routine casework samples using the SPInDel kit. Forensic Science International: Genetics Supplement Series, 2019, 7, 180-181.	0.3	1
74	State-of-the-Art and Future Prospects of Canine STR-Based Genotyping. The Open Forensic Science Journal, 2012, 3, 45-52.	0.8	1
75	Genetic and DNA-Based Techniques. Comprehensive Analytical Chemistry, 2013, , 195-220.	1.3	0
76	Genetic diversity of freshwater fishes from the South American Atlantic Rainforest: The case study of the genus Phalloceros. Forensic Science International: Genetics Supplement Series, 2015, 5, e608-e610.	0.3	0
77	Reply to Sarre et al. "Defining specificity in DNA detection of wildlife". Forensic Science International: Genetics, 2015, 16, e1-e2.	3.1	0
78	Probing the potential of the Shark Panel InDel multiplex v2.0 on the forensic identification of batoid elasmobranchs. Forensic Science International: Genetics Supplement Series, 2017, 6, e221-e223.	0.3	0
79	Revisiting the Neurospora crassa mitochondrial genome. Letters in Applied Microbiology, 2021, 73, 495-505.	2.2	0