

# Nelson Fagundes

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

2,141  
citations

394421

19  
h-index

233421

45  
g-index

58  
all docs

58  
docs citations

58  
times ranked

3290  
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical evaluation of alternative models of human evolution. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17614-17619.	7.1	497
2	Mitochondrial Population Genomics Supports a Single Pre-Clovis Origin with a Coastal Route for the Peopling of the Americas. American Journal of Human Genetics, 2008, 82, 583-592.	6.2	319
3	The complete genome sequence of <i>Chromobacterium violaceum</i> reveals remarkable and exploitable bacterial adaptability. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11660-11665.	7.1	251
4	In defence of model-based inference in phylogeography. Molecular Ecology, 2010, 19, 436-446.	3.9	141
5	A Statistical Evaluation of Models for the Initial Settlement of the American Continent Emphasizes the Importance of Gene Flow with Asia. Molecular Biology and Evolution, 2010, 27, 337-345.	8.9	97
6	A Reevaluation of the Native American MtDNA Genome Diversity and Its Bearing on the Models of Early Colonization of Beringia. PLoS ONE, 2008, 3, e3157.	2.5	60
7	Diversification in the South American <i>Pithecheilus</i> : the genetic and morphological variation of the widespread <i>Pithecheilus axillaris</i> complex ( <i>Solanaceae</i> ). Molecular Ecology, 2014, 23, 374-389.	3.9	54
8	Polymorphisms of the <i>UCP2</i> gene are associated with proliferative diabetic retinopathy in patients with diabetes mellitus. Clinical Endocrinology, 2010, 72, 612-619.	2.4	51
9	Molecular Identification of Shark Meat From Local Markets in Southern Brazil Based on DNA Barcoding: Evidence for Mislabeling and Trade of Endangered Species. Frontiers in Genetics, 2018, 9, 138.	2.3	50
10	Hepatitis B virus genotypes from European origin explains the high endemicity found in some areas from southern Brazil. Infection, Genetics and Evolution, 2012, 12, 1295-1304.	2.3	41
11	Mitochondrial DNA and <i>Alu</i> insertions in a genetically peculiar population: The Ayoreo Indians of Bolivia and Paraguay. American Journal of Human Biology, 2004, 16, 479-488.	1.6	40
12	Mitochondrial DNA diversity of the Southwestern Atlantic humpback whale ( <i>Megaptera novaeangliae</i> ) breeding area off Brazil, and the potential connections to Antarctic feeding areas. Conservation Genetics, 2008, 9, 1253-1262.	1.5	38
13	The use and limits of ITS data in the analysis of intraspecific variation in <i>Passiflora L.</i> ( <i>Passifloraceae</i> ). Genetics and Molecular Biology, 2010, 33, 99-108.	1.3	36
14	Genetic, geographic, and linguistic variation among South American Indians: Possible sex influence. American Journal of Physical Anthropology, 2002, 117, 68-78.	2.1	34
15	Were sea level changes during the Pleistocene in the South Atlantic Coastal Plain a driver of speciation in <i>Petunia</i> ( <i>Solanaceae</i> )?. BMC Evolutionary Biology, 2015, 15, 92.	3.2	33
16	Aluinsertion polymorphisms in Native Americans and related Asian populations. Annals of Human Biology, 2006, 33, 142-160.	1.0	31
17	How strong was the bottleneck associated to the peopling of the Americas? New insights from multilocus sequence data. Genetics and Molecular Biology, 2018, 41, 206-214.	1.3	31
18	Riverine habitat specificity constrains dispersion in a Neotropical fish ( <i>Characidae</i> ) along Southern Brazilian drainages. Zoologica Scripta, 2015, 44, 374-382.	1.7	21

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19	Reply to Ho and Endicott. American Journal of Human Genetics, 2008, 83, 146-147.	6.2	19
20	High twinning rate in Candido Godoi: a new role for p53 in human fertility. Human Reproduction, 2012, 27, 2866-2871.	0.9	19
21	Population Genetic Structure of <i>Cnesterodon decemmaculatus</i> (Poeciliidae): A Freshwater Look at the Pampa Biome in Southern South America. Frontiers in Genetics, 2017, 8, 214.	2.3	19
22	Bayesian inferences suggest that Amazon Yunga Natives diverged from Andeans less than 5000 ybp: implications for South American prehistory. BMC Evolutionary Biology, 2014, 14, 174.	3.2	18
23	Worldwide Genetic Variation at the 3' UTR Region of the <i>LDLR</i> Gene: Possible Influence of Natural Selection. Annals of Human Genetics, 2005, 69, 389-400.	0.8	17
24	HBV epidemiology and genetic diversity in an area of high prevalence of hepatitis B in southern Brazil. Brazilian Journal of Infectious Diseases, 2018, 22, 294-304.	0.6	17
25	Twin Town in South Brazil: A Nazi's Experiment or a Genetic Founder Effect?. PLoS ONE, 2011, 6, e20328.	2.5	15
26	Origin of HBV and Its Arrival in the Americas – the Importance of Natural Selection on Time Estimates. Antiviral Therapy, 2013, 18, 505-512.	1.0	14
27	Self-Assessment of Color Categories and Its Relationship with HLA Profiling in Brazilian Bone Marrow Donors. Biology of Blood and Marrow Transplantation, 2015, 21, 1140-1144.	2.0	13
28	River capture or ancestral polymorphism: an empirical genetic test in a freshwater fish using approximate Bayesian computation. Biological Journal of the Linnean Society, 2020, 131, 575-584.	1.6	13
29	So Far Away, Yet So Close: Strong Genetic Structure in <i>Homonota uruguayensis</i> (Squamata, Tj ETQq1 1 0.784314 rgBT /Overlock 10 Pampas. PLoS ONE, 2015, 10, e0118162.	2.5	13
30	The population genetics of quechuas, the largest native south american group: Autosomal sequences, SNPs, and microsatellites evidence high level of diversity. American Journal of Physical Anthropology, 2012, 147, 443-451.	2.1	11
31	Population Genetic Structure of the Magnificent Frigatebird <i>Fregata magnificens</i> (Aves, Suliformes) Breeding Colonies in the Western Atlantic Ocean. PLoS ONE, 2016, 11, e0149834.	2.5	11
32	Measuring the impact of European colonization on Native American populations in Southern Brazil and Uruguay: Evidence from mtDNA. American Journal of Human Biology, 2019, 31, e23243.	1.6	10
33	First record of <i>Wolbachia</i> in South American terrestrial isopods: prevalence and diversity in two species of <i>Balloniscus</i> (Crustacea, Oniscidea). Genetics and Molecular Biology, 2012, 35, 980-989.	1.3	9
34	HLA diversity in Brazil. Hla, 2020, 95, 3-14.	0.6	9
35	What We Talk About When We Talk About "Junk DNA": Genome Biology and Evolution, 2022, 14, .	2.5	9
36	Role of the mitochondrial m.16189T>C variant in type 2 diabetes mellitus in southern Brazil. Diabetes Research and Clinical Practice, 2006, 74, 204-206.	2.8	8

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37	The <sc>HLA</sc> A, B and DRB1 polymorphism in a large dataset of South Brazil bone marrow donors from Rio Grande do Sul. Hla, 2017, 89, 29-38.	0.6	7
38	Ontogenetic changes in mouth morphology triggers conflicting hypotheses of relationships in characid fishes (Ostariophysi: Characiformes). Neotropical Ichthyology, 2017, 15, .	1.0	7
39	Spatial analyzes of HLA data in Rio Grande do Sul, south Brazil: genetic structure and possible correlation with autoimmune diseases. International Journal of Health Geographics, 2018, 17, 34.	2.5	7
40	Evolution of dark colour in toucans (Ramphastidae): a case of molecular adaptation?. Journal of Evolutionary Biology, 2016, 29, 2530-2538.	1.7	5
41	Uniparental genetic markers in Native Americans: A summary of all available data from ancient and contemporary populations. American Journal of Physical Anthropology, 2021, 176, 445-458.	2.1	5
42	Sequence analysis of the rDNA intergenic spacer of Metarhizium strains isolated in Brazil. Genetics and Molecular Biology, 2008, 31, 116-121.	1.3	4
43	Approaches to capturing the Black and White Tegu <i>Salvator merianae</i> (Squamata: Teiidae). Zoologia, 2015, 32, 317-320.	0.5	4
44	High prevalence of HBV/A1 subgenotype in native south Americans may be explained by recent economic developments in the Amazon. Infection, Genetics and Evolution, 2016, 43, 354-363.	2.3	4
45	A Preliminary Assessment of the Potential Health and Genetic Impacts of Releasing Confiscated Passerines Into the Wild: A Reduced-Risk Approach. Frontiers in Veterinary Science, 2021, 8, 679049.	2.2	4
46	Erythropoietin on cycling performance. Lancet Haematology, the, 2017, 4, e459.	4.6	3
47	FOXP in Tetrapoda: Intrinsically Disordered Regions, Short Linear Motifs and their evolutionary significance. Genetics and Molecular Biology, 2017, 40, 181-190.	1.3	3
48	Hepatitis B Virus: Alternative phylogenetic hypotheses and its impact on molecular evolution inferences. Virus Research, 2020, 276, 197776.	2.2	3
49	Genetic differentiation in East African ethnicities and its relationship with endurance running success. PLoS ONE, 2022, 17, e0265625.	2.5	3
50	Reply to Garrigan and Hammer: Ancient lineages and assimilation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, .	7.1	2
51	Genetic variation of the bronze locus (MC1R) in turkeys from Southern Brazil. Genetics and Molecular Biology, 2017, 40, 104-108.	1.3	2
52	Lack of association between genetic polymorphisms in IGF1 and IGFBP3 with twin births in a Brazilian population (C�ndido God�i, Rio Grande do Sul). Genetics and Molecular Biology, 2018, 41, 775-780.	1.3	2
53	Homo sapiens Dispersal and the Peopling of the Americas. , 2019, , 165-185.		2
54	Seascape Genetics of the Atlantic Spotted Dolphin ( <i>Stenella frontalis</i> ) Based on Mitochondrial DNA. Journal of Heredity, 2021, 112, 646-662.	2.4	2

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55	Hydrography rather than lip morphology better explains the evolutionary relationship between <i>Gymnogeophagus labiatus</i> and <i>G. lacustris</i> in Southern Brazil (Cichlidae: Geophagini). <i>Neotropical Ichthyology</i> , 2021, 19, .	1.0	2
56	Optimizing the Execution of Statistical Simulations for Human Evolution in Hyper-threaded Multicore Architectures. , 2012, , .		0