

Daniel Corach

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

111
papers

5,041
citations

30
h-index

70
g-index

115
ext. papers

5,759
ext. citations

4.8
avg, IF

4.38
L-index

#	Paper	IF	Citations
111	Use of genetic tools to assess predation on reintroduced howler monkeys (<i>Alouatta caraya</i>) in Northeastern Argentina. <i>Primates</i> , 2021 , 62, 521-528	1.7	0
110	Ancestral genetic legacy of the extant population of Argentina as predicted by autosomal and X-chromosomal DIPs. <i>Molecular Genetics and Genomics</i> , 2021 , 296, 581-590	3.1	2
109	Using Genetic Diversity Estimates in the Assessment of the Conservation Status of Neotropical Primates 2021 , 261-275		
108	Genetic assignment of illegally trafficked neotropical primates and implications for reintroduction programs. <i>Scientific Reports</i> , 2020 , 10, 3676	4.9	15
107	Genetic diversity and phylogeographic analysis of human herpesvirus type 8 (HHV-8) in two distant regions of Argentina: Association with the genetic ancestry of the population. <i>Infection, Genetics and Evolution</i> , 2020 , 85, 104523	4.5	2
106	Reply to comment "A DNA extraction method of small quantities of bone for high-quality genotyping". <i>Forensic Science International: Genetics</i> , 2019 , 41, e18-e19	4.3	
105	Demand for larger Y-STR reference databases in ethnic melting-pot countries: Argentina as a test case. <i>International Journal of Legal Medicine</i> , 2019 , 133, 1309-1320	3.1	1
104	Salty or sweet? Alternatives for bone preservation along extended periods of time. <i>Forensic Science International: Genetics Supplement Series</i> , 2019 , 7, 303-305	0.5	
103	Q1a3a native-American Y-haplogroup detection in DNA quantification step: A quick diagnosis for Y-chromosome database selection. <i>Forensic Science International: Genetics Supplement Series</i> , 2019 , 7, 315-317	0.5	
102	Inferring the genetic structure of Northwestern Argentina by uniparental SNP typing. <i>Forensic Science International: Genetics Supplement Series</i> , 2019 , 7, 306-309	0.5	0
101	Genetic structure of Mataco-Guaycurú speakers from Argentina and the extent of their genetic admixture with neighbouring urban populations. <i>Scientific Reports</i> , 2019 , 9, 17559	4.9	1
100	Historical records under the genetic evidence: "Chiriguano" tribe genesis as a test case. <i>Molecular Biology Reports</i> , 2018 , 45, 987-1000	2.8	4
99	Reconstructing the Deep Population History of Central and South America. <i>Cell</i> , 2018 , 175, 1185-1197.e27	27.2	143
98	Potential forensic use of a 33 X-InDel panel in the Argentinean population. <i>International Journal of Legal Medicine</i> , 2017 , 131, 107-112	3.1	11
97	Role of HLA-DP and HLA-DQ on the clearance of hepatitis B virus and the risk of chronic infection in a multiethnic population. <i>Liver International</i> , 2017 , 37, 1476-1487	7.9	11
96	Genetic structure in the southernmost populations of black-and-gold howler monkeys (<i>Alouatta caraya</i>) and its conservation implications. <i>PLoS ONE</i> , 2017 , 12, e0185867	3.7	17
95	Using long ssDNA polynucleotides to amplify STRs loci in degraded DNA samples. <i>PLoS ONE</i> , 2017 , 12, e0187190	3.7	2

94	Hepatitis C virus pharmacogenomics in Latin American populations: implications in the era of direct-acting antivirals. <i>Pharmacogenomics and Personalized Medicine</i> , 2017 , 10, 79-91	2.1	2
93	Investigator HDplex (Qiagen) reference population database for forensic use in Argentina. <i>Forensic Science International: Genetics</i> , 2017 , 26, 91-95	4.3	6
92	Increased prevalence of human herpesvirus type 8 (HHV-8) genome among blood donors from North-Western Argentina. <i>Journal of Medical Virology</i> , 2017 , 89, 518-527	19.7	5
91	New Perspectives in Mass Disaster Victim Identification Assisted by DNA Typing and Forensic Genomics 2017 , 395-405		
90	Development of a quantitation approach for total human and male DNA based on real time PCR followed by high resolution melting analysis. <i>Electrophoresis</i> , 2016 , 37, 2734-2741	3.6	6
89	Analysis of locus D9S1120 and its genetic admixture correlation in seven argentina native american ethnic groups. <i>American Journal of Human Biology</i> , 2016 , 28, 57-66	2.7	2
88	Sample selection bias in an international DNA panel: does Native American haplogroup Q-M3 has the b2/b3 deletion?. <i>Genomics</i> , 2015 , 105, 273-4	4.3	
87	Influence of ethnicity on the distribution of genetic polymorphisms associated with risk of chronic liver disease in South American populations. <i>BMC Genetics</i> , 2015 , 16, 93	2.6	18
86	Analysis of the genetic structure of Santa Cruz province and it comparison with the other Southern Patagonian provinces of Argentina. <i>Forensic Science International: Genetics Supplement Series</i> , 2015 , 5, e114-e115	0.5	
85	Development and validation of a human DNA quantification and sex determination approach based on real time PCR followed by high resolution melting analysis. <i>Forensic Science International: Genetics Supplement Series</i> , 2015 , 5, e269-e271	0.5	0
84	Letter to the Editor: Hypothesis: Somatic Mosaicism and Parkinson Disease. <i>Experimental Neurobiology</i> , 2015 , 24, 173-5	4	1
83	Admixture and genetic relationships of Mexican Mestizos regarding Latin American and Caribbean populations based on 13 CODIS-STRs. <i>HOMO- Journal of Comparative Human Biology</i> , 2015 , 66, 44-59	0.5	39
82	Analysis of admixture and genetic structure of two Native American groups of Southern Argentinean Patagonia. <i>Molecular Biology Reports</i> , 2014 , 41, 1533-43	2.8	14
81	A global analysis of Y-chromosomal haplotype diversity for 23 STR loci. <i>Forensic Science International: Genetics</i> , 2014 , 12, 12-23	4.3	171
80	Distribution of genetic polymorphisms associated with hepatitis C virus (HCV) antiviral response in a multiethnic and admixed population. <i>Pharmacogenomics Journal</i> , 2014 , 14, 549-54	3.5	10
79	Ancient human genomes suggest three ancestral populations for present-day Europeans. <i>Nature</i> , 2014 , 513, 409-13	50.4	812
78	Cardiac mitochondrial biogenesis in endotoxemia is not accompanied by mitochondrial function recovery. <i>Free Radical Biology and Medicine</i> , 2014 , 77, 1-9	7.8	40
77	Toward male individualization with rapidly mutating y-chromosomal short tandem repeats. <i>Human Mutation</i> , 2014 , 35, 1021-32	4.7	130

76	Mosaicism of alpha-synuclein gene rearrangements: report of two unrelated cases of early-onset parkinsonism. <i>Parkinsonism and Related Disorders</i> , 2014 , 20, 558-61	3.6	12
75	High-throughput screening for spermatogenesis candidate genes in the AZFc region of the Y chromosome by multiplex real time PCR followed by high resolution melting analysis. <i>PLoS ONE</i> , 2014 , 9, e97227	3.7	8
74	Male reproductive strategies in black and gold howler monkeys (<i>Alouatta caraya</i>). <i>American Journal of Primatology</i> , 2014 , 76, 43-55	2.5	59
73	Ethnic characterization of a population of children exposed to high doses of arsenic via drinking water and a possible correlation with metabolic processes. <i>International Journal of Molecular Epidemiology and Genetics</i> , 2014 , 5, 1-10	0.9	2
72	Where is the game? Wild meat products authentication in South Africa: a case study. <i>Investigative Genetics</i> , 2013 , 4, 6		24
71	A DNA extraction method of small quantities of bone for high-quality genotyping. <i>Forensic Science International: Genetics</i> , 2013 , 7, 488-93	4.3	29
70	Optimized mass fatalities victim identification: An airplane crash as a test case. <i>Forensic Science International: Genetics Supplement Series</i> , 2013 , 4, e222-e223	0.5	2
69	Native American Y-STR haplotyping: Its forensic relevance in Argentina. <i>Forensic Science International: Genetics Supplement Series</i> , 2013 , 4, e244-e245	0.5	
68	Analysis of D216H polymorphism in Argentinean patients with primary dystonia. <i>Journal of Neurogenetics</i> , 2013 , 27, 16-8	1.6	4
67	Continent-wide decoupling of Y-chromosomal genetic variation from language and geography in native South Americans. <i>PLoS Genetics</i> , 2013 , 9, e1003460	6	75
66	Kinship and Dispersal Patterns in <i>Alouatta caraya</i> Inhabiting Continuous and Fragmented Habitats of Argentina 2013 , 399-412		4
65	Aerobic degradation of 3-chlorobenzoic acid by an indigenous strain isolated from a polluted river. <i>World Journal of Microbiology and Biotechnology</i> , 2012 , 28, 1245-52	4.4	5
64	Arrival of Paleo-Indians to the southern cone of South America: new clues from mitogenomes. <i>PLoS ONE</i> , 2012 , 7, e51311	3.7	41
63	Rapid coastal spread of First Americans: novel insights from South America's Southern Cone mitochondrial genomes. <i>Genome Research</i> , 2012 , 22, 811-20	9.7	126
62	Reconstructing Native American population history. <i>Nature</i> , 2012 , 488, 370-4	50.4	498
61	Genetic analysis of 10 X-STRs in Argentinian population. <i>Forensic Science International: Genetics</i> , 2011 , 5, e14-6	4.3	6
60	Rapid screening for Native American mitochondrial and Y-chromosome haplogroups detection in routine DNA analysis. <i>Forensic Science International: Genetics</i> , 2011 , 5, 105-8	4.3	22
59	Long-term room temperature preservation of corpse soft tissue: an approach for tissue sample storage. <i>Investigative Genetics</i> , 2011 , 2, 17		16

58	Inferring continental ancestry of argentineans from Autosomal, Y-chromosomal and mitochondrial DNA. <i>Annals of Human Genetics</i> , 2010 , 74, 65-76	2.2	122
57	Mass Disaster Victim Identification Assisted by DNA Typing 2010 , 407-415		3
56	Genetic analysis of six communities of Mbyé-Guaraní inhabiting northeastern Argentina by means of nuclear and mitochondrial polymorphic markers. <i>Human Biology</i> , 2010 , 82, 433-56	1.2	20
55	The initial peopling of the Americas: a growing number of founding mitochondrial genomes from Beringia. <i>Genome Research</i> , 2010 , 20, 1174-9	9.7	120
54	Amerindian mitochondrial DNA haplogroups predominate in the population of Argentina: towards a first nationwide forensic mitochondrial DNA sequence database. <i>International Journal of Legal Medicine</i> , 2010 , 124, 263-8	3.1	39
53	Increasing anthraquinone production by overexpression of 1-deoxy-D-xylulose-5-phosphate synthase in transgenic cell suspension cultures of <i>Morinda citrifolia</i> . <i>Biotechnology Letters</i> , 2010 , 32, 997-1003	3	10
52	Genetic Consequences of Habitat Fragmentation in Black-and-Gold Howler (<i>Alouatta caraya</i>) Populations from Northern Argentina. <i>International Journal of Primatology</i> , 2010 , 31, 813-832	2	99
51	A GEP-ISFG collaborative study on the optimization of an X-STR decaplex: data on 15 Iberian and Latin American populations. <i>International Journal of Legal Medicine</i> , 2009 , 123, 227-34	3.1	92
50	Phytoremediation potential of the novel atrazine tolerant <i>Lolium multiflorum</i> and studies on the mechanisms involved. <i>Environmental Pollution</i> , 2009 , 157, 3059-63	9.3	40
49	Forensic analysis of dog (<i>Canis lupus familiaris</i>) mitochondrial DNA sequences: an inter-laboratory study of the GEP-ISFG working group. <i>Forensic Science International: Genetics</i> , 2009 , 4, 49-54	4.3	17
48	Mitochondrial DNA control region sequence analysis of Mataco-Guaicurú-speaking tribes from Argentina. <i>Forensic Science International: Genetics Supplement Series</i> , 2009 , 2, 331-333	0.5	1
47	Update of an on-line autosomal STR and Y-STR reference database of Argentina. <i>Forensic Science International: Genetics Supplement Series</i> , 2009 , 2, 382-383	0.5	1
46	Genetic structure of Mendoza province population inferred from autosomal and Y-chromosome STRs analysis. <i>Forensic Science International: Genetics Supplement Series</i> , 2009 , 2, 433-434	0.5	
45	Two simultaneous hepatitis B virus epidemics among injecting drug users and men who have sex with men in Buenos Aires, Argentina: characterization of the first D/A recombinant from the American continent. <i>Journal of Viral Hepatitis</i> , 2008 , 15, 827-38	3.4	21
44	2006 GEP-ISFG collaborative exercise on mtDNA: reflections about interpretation, artefacts, and DNA mixtures. <i>Forensic Science International: Genetics</i> , 2008 , 2, 126-33	4.3	19
43	Results of the GEP-ISFG collaborative study on an X-STR Decaplex. <i>Forensic Science International: Genetics Supplement Series</i> , 2008 , 1, 677-679	0.5	19
42	X-STRs: Relevance in complex kinship cases. <i>Forensic Science International: Genetics Supplement Series</i> , 2008 , 1, 496-498	0.5	1
41	Inferring genetic sub-structure in the population of Argentina using fifteen microsatellite loci. <i>Forensic Science International: Genetics Supplement Series</i> , 2008 , 1, 350-352	0.5	8

40	Analysis of body fluid mixtures by mtDNA sequencing: An inter-laboratory study of the GEP-ISFG working group. <i>Forensic Science International</i> , 2007 , 168, 42-56	2.6	24
39	Microbial degradation and detoxification of 2,4-dinitrophenol in aerobic and anoxic processes. <i>International Biodeterioration and Biodegradation</i> , 2007 , 60, 226-230	4.8	12
38	Genetic attributes of the YHRD minimal haplotype in 10 provinces of Argentina. <i>Forensic Science International: Genetics</i> , 2007 , 1, 129-33	4.3	22
37	Genetic attributes of 15 autosomal STRs in the population of two patagonian provinces of Argentina. <i>Forensic Science International</i> , 2006 , 160, 84-8	2.6	11
36	Results of the 2003-2004 GEP-ISFG collaborative study on mitochondrial DNA: focus on the mtDNA profile of a mixed semen-saliva stain. <i>Forensic Science International</i> , 2006 , 160, 157-67	2.6	21
35	Unusual naturally occurring humoral and cellular mutated epitopes of hepatitis B virus in a chronically infected argentine patient with anti-HBs antibodies. <i>Journal of Clinical Microbiology</i> , 2006 , 44, 2191-8	9.7	12
34	Detection of hepatitis B virus (HBV) genotype E carried--even in the presence of high titers of anti-HBs antibodies--by an Argentinean patient of African descent who had received vaccination against HBV. <i>Journal of Clinical Microbiology</i> , 2006 , 44, 3435-9	9.7	29
33	Analysis of mtDNA mixtures from different fluids: An inter-laboratory study. <i>International Congress Series</i> , 2006 , 1288, 130-132		1
32	Relevant genetic contribution of Amerindian to the extant population of Argentina. <i>International Congress Series</i> , 2006 , 1288, 397-399		7
31	On-line autosomal and Y-STR reference database of Argentina. <i>International Congress Series</i> , 2006 , 1288, 195-197		1
30	Isolation, characterization and evaluation of 11 autosomal STRs suitable for population studies in black and gold howler monkeys <i>Alouatta caraya</i> . <i>Molecular Ecology Notes</i> , 2006 , 7, 117-120		19
29	Genetic analysis of the populations from Northern and Mesopotamian provinces of Argentina by means of 15 autosomal STRs. <i>Forensic Science International</i> , 2006 , 160, 224-30	2.6	12
28	Population genetic analysis of 15 autosomal STRs loci in the central region of Argentina. <i>Forensic Science International</i> , 2006 , 161, 72-7	2.6	22
27	Phylogenetic relationships of <i>Deschampsia antarctica</i> (Poaceae): Insights from nuclear ribosomal ITS. <i>Plant Systematics and Evolution</i> , 2006 , 261, 1-9	1.3	14
26	Mutation rates at Y chromosome specific microsatellites. <i>Human Mutation</i> , 2005 , 26, 520-8	4.7	123
25	Mitochondrial DNA error prophylaxis: assessing the causes of errors in the GEP02-03 proficiency testing trial. <i>Forensic Science International</i> , 2005 , 148, 191-8	2.6	39
24	The EDNAP mitochondrial DNA population database (EMPOP) collaborative exercises: organisation, results and perspectives. <i>Forensic Science International</i> , 2004 , 139, 215-26	2.6	93
23	Uniparentally inherited genetic markers as tools for ethnic and geographical origin detection of forensic samples. <i>International Congress Series</i> , 2004 , 1261, 625-627		

22	Penta-, nona- and decaplex Y-STR typing systems: a comparative study. <i>International Congress Series</i> , 2003 , 1239, 357-361		0
21	Online reference database of European Y-chromosomal short tandem repeat (STR) haplotypes. <i>Forensic Science International</i> , 2001 , 118, 106-13	2.6	177
20	Routine Y-STR typing in forensic casework. <i>Forensic Science International</i> , 2001 , 118, 131-5	2.6	48
19	An extensive analysis of Y-chromosomal microsatellite haplotypes in globally dispersed human populations. <i>American Journal of Human Genetics</i> , 2001 , 68, 990-1018	11	167
18	A new method for the evaluation of matches in non-recombining genomes: application to Y-chromosomal short tandem repeat (STR) haplotypes in European males. <i>Forensic Science International</i> , 2000 , 114, 31-43	2.6	105
17	Reference database of hypervariable genetic markers of Argentina: application for molecular anthropology and forensic casework. <i>Electrophoresis</i> , 1999 , 20, 1733-9	3.6	31
16	Comparison of allele frequencies of eight STR loci from Argentinian Amerindian and European populations. <i>Human Biology</i> , 1998 , 70, 937-47	1.2	23
15	Highly Repetitive DNA Sequences Unique to Aeglidae (Anomura). <i>Journal of Crustacean Biology</i> , 1997 , 17, 184	0.8	6
14	Population Genetic Structure in the Fresh-Water Anomuran Aegla jujuyana by Rapd Analysis. <i>Journal of Crustacean Biology</i> , 1997 , 17, 269	0.8	5
13	Evaluation of Y-chromosomal STRs: a multicenter study. <i>International Journal of Legal Medicine</i> , 1997 , 110, 125-33, 141-9	3.1	552
12	Chromosome Y microsatellites: population genetic and evolutionary aspects. <i>International Journal of Legal Medicine</i> , 1997 , 110, 134-49	3.1	234
11	A review of the collaborative exercises on DNA typing of the Spanish and Portuguese ISFH Working Group. International Society for Forensic Haemogenetics. <i>International Journal of Legal Medicine</i> , 1997 , 110, 273-7	3.1	10
10	Additional approaches to DNA typing of skeletal remains: the search for "missing" persons killed during the last dictatorship in Argentina. <i>Electrophoresis</i> , 1997 , 18, 1608-12	3.6	48
9	Repetitive DNA sequences as an insight into Aeglidae (Crustacea, Anomura) evolution. <i>Electrophoresis</i> , 1997 , 18, 1666-71	3.6	3
8	VNTR polymorphism in the Buenos Aires, Argentina, metropolitan population. <i>Human Biology</i> , 1997 , 69, 777-83	1.2	4
7	D1S80 AMP-FLP Attributes in Two Different Ethnic Groups of Argentinian Populations. <i>Advances in Forensic Haemogenetics</i> , 1996 , 665-667		1
6	Cadaveric DNA Extraction Protocol Based on Cetyl Trimethyl Amonium Bromide (CTAB) 1995 , 35-36		5
5	Mass disasters: rapid molecular screening of human remains by means of short tandem repeats typing. <i>Electrophoresis</i> , 1995 , 16, 1617-23	3.6	33

4	Dealing with Human Remains Sampled in Disaster Areas the Case of the Israelian Embassy Explosion Ocurrred in Buenos Aires. <i>Advances in Forensic Haemogenetics</i> , 1994 , 259-261	5
3	Genetic variation among the Mapuche Indians from the Patagonian region of Argentina: mitochondrial DNA sequence variation and allele frequencies of several nuclear genes. <i>Exs</i> , 1993 , 67, 211-9	78
2	Repetitive DNA sequence homologies and amplifications in South American cricetid rodents. <i>Genetica</i> , 1990 , 82, 85-92	1.5 4
1	DNA characteristics in species of <i>Calomys</i> (Rodentia, Cricetidae).. <i>Cytologia</i> , 1988 , 53, 73-79	0.9 7