

Antonio Salas

List of Publications by Citations

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317
papers

14,417
citations

60
h-index

110
g-index

337
ext. papers

16,448
ext. citations

5.7
avg, IF

6.07
L-index

#	Paper	IF	Citations
3 ¹⁷	Ancient human genomes suggest three ancestral populations for present-day Europeans. <i>Nature</i> , 2014 , 513, 409-13	50.4	812
3 ¹⁶	Distinctive Paleo-Indian migration routes from Beringia marked by two rare mtDNA haplogroups. <i>Current Biology</i> , 2009 , 19, 1-8	6.3	643
3 ¹⁵	Correcting for purifying selection: an improved human mitochondrial molecular clock. <i>American Journal of Human Genetics</i> , 2009 , 84, 740-59	11	530
3 ¹⁴	Reconstructing Native American population history. <i>Nature</i> , 2012 , 488, 370-4	50.4	498
3 ¹³	HaploGrep 2: mitochondrial haplogroup classification in the era of high-throughput sequencing. <i>Nucleic Acids Research</i> , 2016 , 44, W58-63	20.1	420
3 ¹²	The making of the African mtDNA landscape. <i>American Journal of Human Genetics</i> , 2002 , 71, 1082-111	11	402
3 ¹¹	A multiplex assay with 52 single nucleotide polymorphisms for human identification. <i>Electrophoresis</i> , 2006 , 27, 1713-24	3.6	395
3 ¹⁰	Updating the East Asian mtDNA phylogeny: a prerequisite for the identification of pathogenic mutations. <i>Human Molecular Genetics</i> , 2006 , 15, 2076-86	5.6	316
3 ⁰⁹	Inferring ancestral origin using a single multiplex assay of ancestry-informative marker SNPs. <i>Forensic Science International: Genetics</i> , 2007 , 1, 273-80	4.3	266
3 ⁰⁸	The fingerprint of phantom mutations in mitochondrial DNA data. <i>American Journal of Human Genetics</i> , 2002 , 71, 1150-60	11	229
3 ⁰⁷	Genome-wide association study identifies variants in the CFH region associated with host susceptibility to meningococcal disease. <i>Nature Genetics</i> , 2010 , 42, 772-6	36.3	221
3 ⁰⁶	The African diaspora: mitochondrial DNA and the Atlantic slave trade. <i>American Journal of Human Genetics</i> , 2004 , 74, 454-65	11	198
3 ⁰⁵	DNA Commission of the International Society for Forensic Genetics: revised and extended guidelines for mitochondrial DNA typing. <i>Forensic Science International: Genetics</i> , 2014 , 13, 134-42	4.3	192
3 ⁰⁴	The phylogeny of the four pan-American MtDNA haplogroups: implications for evolutionary and disease studies. <i>PLoS ONE</i> , 2008 , 3, e1764	3.7	190
3 ⁰³	Drug consumption and the risk of microscopic colitis. <i>American Journal of Gastroenterology</i> , 2007 , 102, 324-30	0.7	178
3 ⁰²	Development of a panel of genome-wide ancestry informative markers to study admixture throughout the Americas. <i>PLoS Genetics</i> , 2012 , 8, e1002554	6	176
3 ⁰¹	A critical reassessment of the role of mitochondria in tumorigenesis. <i>PLoS Medicine</i> , 2005 , 2, e296	11.6	174

300	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
299	Diagnostic Test Accuracy of a 2-Transcript Host RNA Signature for Discriminating Bacterial vs Viral Infection in Febrile Children. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 835-45	27.4	166
298	Collagenous and lymphocytic colitis. evaluation of clinical and histological features, response to treatment, and long-term follow-up. <i>American Journal of Gastroenterology</i> , 2003 , 98, 340-7	0.7	147
297	Typing of mitochondrial DNA coding region SNPs of forensic and anthropological interest using SNaPshot minisequencing. <i>Forensic Science International</i> , 2004 , 140, 251-7	2.6	146
296	Incidence of collagenous and lymphocytic colitis: a 5-year population-based study. <i>American Journal of Gastroenterology</i> , 1999 , 94, 418-423	0.7	135
295	mtDNA analysis of the Galician population: a genetic edge of European variation. <i>European Journal of Human Genetics</i> , 1998 , 6, 365-75	5.3	134
294	A practical guide to mitochondrial DNA error prevention in clinical, forensic, and population genetics. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 335, 891-9	3.4	129
293	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
292	Maternal traces of deep common ancestry and asymmetric gene flow between Pygmy hunter-gatherers and Bantu-speaking farmers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 1596-601	11.5	126
291	Participation of thromboxane and other eicosanoid synthesis in the course of experimental inflammatory colitis. <i>Gastroenterology</i> , 1990 , 98, 269-77	13.3	123
290	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
289	Early human dispersals within the Americas. <i>Science</i> , 2018 , 362,	33.3	118
288	Inferring the demographic history of African farmers and pygmy hunter-gatherers using a multilocus resequencing data set. <i>PLoS Genetics</i> , 2009 , 5, e1000448	6	117
287	The genetic legacy of western Bantu migrations. <i>Human Genetics</i> , 2005 , 117, 366-75	6.3	111
286	Phylogeographic investigations: the role of trees in forensic genetics. <i>Forensic Science International</i> , 2007 , 168, 1-13	2.6	101
285	Charting the ancestry of African Americans. <i>American Journal of Human Genetics</i> , 2005 , 77, 676-80	11	98
284	Efficacy of anti-TNF therapies in refractory severe microscopic colitis. <i>Journal of Crohn's and Colitis</i> , 2011 , 5, 612-8	1.5	96
283	Ancestry analysis in the 11-M Madrid bomb attack investigation. <i>PLoS ONE</i> , 2009 , 4, e6583	3.7	95

282	Artificial recombination in forensic mtDNA population databases. <i>International Journal of Legal Medicine</i> , 2004 , 118, 267-73	3.1	94
281	Pseudomitochondrial genome haunts disease studies. <i>Journal of Medical Genetics</i> , 2008 , 45, 769-72	5.8	93
280	Role of intestinal microflora in chronic inflammation and ulceration of the rat colon. <i>Gut</i> , 1994 , 35, 1090-79.2		93
279	SPSmart: adapting population based SNP genotype databases for fast and comprehensive web access. <i>BMC Bioinformatics</i> , 2008 , 9, 428	3.6	89
278	Systematic evaluation of the causes of chronic watery diarrhea with functional characteristics. <i>American Journal of Gastroenterology</i> , 2007 , 102, 2520-8	0.7	87
277	Genetic origin, admixture, and asymmetry in maternal and paternal human lineages in Cuba. <i>BMC Evolutionary Biology</i> , 2008 , 8, 213	3	84
276	Resolving relationship tests that show ambiguous STR results using autosomal SNPs as supplementary markers. <i>Forensic Science International: Genetics</i> , 2008 , 2, 198-204	4.3	84
275	A reappraisal of complete mtDNA variation in East Asian families with hearing impairment. <i>Human Genetics</i> , 2006 , 119, 505-15	6.3	83
274	Genome-wide ancestry of 17th-century enslaved Africans from the Caribbean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 3669-73	11.5	82
273	Evaluating HapMap SNP data transferability in a large-scale genotyping project involving 175 cancer-associated genes. <i>Human Genetics</i> , 2006 , 118, 669-79	6.3	79
272	Coding region mitochondrial DNA SNPs: targeting East Asian and Native American haplogroups. <i>Forensic Science International: Genetics</i> , 2007 , 1, 44-55	4.3	76
271	New population and phylogenetic features of the internal variation within mitochondrial DNA macro-haplogroup R0. <i>PLoS ONE</i> , 2009 , 4, e5112	3.7	75
270	Exaggerated status of "novel" and "pathogenic" mtDNA sequence variants due to inadequate database searches. <i>Human Mutation</i> , 2009 , 30, 191-6	4.7	75
269	Spectrum of gluten-sensitive enteropathy in first-degree relatives of patients with coeliac disease: clinical relevance of lymphocytic enteritis. <i>Gut</i> , 2006 , 55, 1739-45	19.2	75
268	Genetic association study of exfoliation syndrome identifies a protective rare variant at LOXL1 and five new susceptibility loci. <i>Nature Genetics</i> , 2017 , 49, 993-1004	36.3	72
267	Low "penetrance" of phylogenetic knowledge in mitochondrial disease studies. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 333, 122-30	3.4	71
266	Dissection of mitochondrial superhaplogroup H using coding region SNPs. <i>Electrophoresis</i> , 2006 , 27, 2541-50		68
265	Heteroplasmy in mtDNA and the weight of evidence in forensic mtDNA analysis: a case report. <i>International Journal of Legal Medicine</i> , 2001 , 114, 186-90	3.1	63

264	Sequence variation of a hypervariable short tandem repeat at the D1S1656 locus. <i>International Journal of Legal Medicine</i> , 1998 , 111, 244-7	3.1	62
263	mtDNA data mining in GenBank needs surveying. <i>American Journal of Human Genetics</i> , 2009 , 85, 929-33; author reply 933	11	60
262	Case report: identification of skeletal remains using short-amplicon marker analysis of severely degraded DNA extracted from a decomposed and charred femur. <i>Forensic Science International: Genetics</i> , 2008 , 2, 212-8	4.3	60
261	Problems in FBI mtDNA database. <i>Science</i> , 2004 , 305, 1402-4	33.3	60
260	Insights into the western Bantu dispersal: mtDNA lineage analysis in Angola. <i>Human Genetics</i> , 2004 , 115, 439-47	6.3	60
259	More evidence for non-maternal inheritance of mitochondrial DNA?. <i>Journal of Medical Genetics</i> , 2005 , 42, 957-60	5.8	60
258	Mapping genome variation of SARS-CoV-2 worldwide highlights the impact of COVID-19 super-spreaders. <i>Genome Research</i> , 2020 , 30, 1434-1448	9.7	60
257	What is a novel mtDNA mutation--and does novelty really matter?. <i>Journal of Human Genetics</i> , 2006 , 51, 1073-1082	4.3	59
256	Mitochondrial haplogroup U5b3: a distant echo of the epipaleolithic in Italy and the legacy of the early Sardinians. <i>American Journal of Human Genetics</i> , 2009 , 84, 814-21	11	57
255	Current next generation sequencing technology may not meet forensic standards. <i>Forensic Science International: Genetics</i> , 2012 , 6, 143-5	4.3	56
254	Evaluating the ability of tree-based methods and logistic regression for the detection of SNP-SNP interaction. <i>Annals of Human Genetics</i> , 2009 , 73, 360-9	2.2	55
253	A bidirectional corridor in the Sahel-Sudan belt and the distinctive features of the Chad Basin populations: a history revealed by the mitochondrial DNA genome. <i>Annals of Human Genetics</i> , 2007 , 71, 433-52	2.2	55
252	Results of a collaborative study of the EDNAP group regarding mitochondrial DNA heteroplasmy and segregation in hair shafts. <i>Forensic Science International</i> , 2004 , 140, 1-11	2.6	53
251	Predisposing HLA-DQ2 and HLA-DQ8 haplotypes of coeliac disease and associated enteropathy in microscopic colitis. <i>European Journal of Gastroenterology and Hepatology</i> , 2005 , 17, 1333-8	2.2	53
250	The impact of modern migrations on present-day multi-ethnic Argentina as recorded on the mitochondrial DNA genome. <i>BMC Genetics</i> , 2011 , 12, 77	2.6	52
249	Gender bias in the multiethnic genetic composition of central Argentina. <i>Journal of Human Genetics</i> , 2008 , 53, 662-674	4.3	52
248	ERCC4 associated with breast cancer risk: a two-stage case-control study using high-throughput genotyping. <i>Cancer Research</i> , 2006 , 66, 9420-7	10.1	52
247	Role of Monocytes/Macrophages in Covid-19 Pathogenesis: Implications for Therapy. <i>Infection and Drug Resistance</i> , 2020 , 13, 2485-2493	4.2	52

246	Haplogrouping mitochondrial DNA sequences in Legal Medicine/Forensic Genetics. <i>International Journal of Legal Medicine</i> , 2012 , 126, 901-16	3.1	51
245	Surface hydrophobicity of the rat colonic mucosa is a defensive barrier against macromolecules and toxins. <i>Gut</i> , 2000 , 46, 515-21	19.2	50
244	Evolution of the incidence of collagenous colitis and lymphocytic colitis in Terrassa, Spain: a population-based study. <i>Inflammatory Bowel Diseases</i> , 2011 , 17, 1015-20	4.5	49
243	Subepithelial myofibroblasts and tenascin expression in microscopic colitis. <i>Histopathology</i> , 2003 , 43, 48-54	7.3	48
242	Shipwrecks and founder effects: divergent demographic histories reflected in Caribbean mtDNA. <i>American Journal of Physical Anthropology</i> , 2005 , 128, 855-60	2.5	48
241	Viral Co-Infections in Pediatric Patients Hospitalized with Lower Tract Acute Respiratory Infections. <i>PLoS ONE</i> , 2015 , 10, e0136526	3.7	47
240	Origins and genetic legacies of the Caribbean Taino. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 2341-2346	11.5	45
239	Impact of current smoking on the clinical course of microscopic colitis. <i>Inflammatory Bowel Diseases</i> , 2013 , 19, 1470-6	4.5	45
238	Reconstructing ancient mitochondrial DNA links between Africa and Europe. <i>Genome Research</i> , 2012 , 22, 821-6	9.7	44
237	Ethical-legal problems of DNA databases in criminal investigation. <i>Journal of Medical Ethics</i> , 2000 , 26, 266-71	2.5	44
236	Cuba: exploring the history of admixture and the genetic basis of pigmentation using autosomal and uniparental markers. <i>PLoS Genetics</i> , 2014 , 10, e1004488	6	42
235	Contamination and sample mix-up can best explain some patterns of mtDNA instabilities in buccal cells and oral squamous cell carcinoma. <i>BMC Cancer</i> , 2009 , 9, 113	4.8	42
234	Human genome-wide screen of haplotype-like blocks of reduced diversity. <i>Gene</i> , 2005 , 349, 219-25	3.8	42
233	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
232	Pharmacogenetics of OATP transporters reveals that SLCO1B1 c.388A>G variant is determinant of increased atorvastatin response. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 5815-27	6.3	41
231	Is mitochondrial DNA variation associated with sporadic breast cancer risk?. <i>Cancer Research</i> , 2008 , 68, 623-5; author reply 624	10.1	41
230	Distilling artificial recombinants from large sets of complete mtDNA genomes. <i>PLoS ONE</i> , 2008 , 3, e3016	3.7	41
229	Mutation spectra of ABCC8 gene in Spanish patients with Hyperinsulinism of Infancy (HI). <i>Human Mutation</i> , 2006 , 27, 214	4.7	41

228	High penetrance of sequencing errors and interpretative shortcomings in mtDNA sequence analysis of LHON patients. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 352, 283-91	3.4	41
227	Results of the 1999-2000 collaborative exercise and proficiency testing program on mitochondrial DNA of the GEP-ISFG: an inter-laboratory study of the observed variability in the heteroplasmy level of hair from the same donor. <i>Forensic Science International</i> , 2002 , 125, 1-7	2.6	41
226	SNPs as Supplements in Simple Kinship Analysis or as Core Markers in Distant Pairwise Relationship Tests: When Do SNPs Add Value or Replace Well-Established and Powerful STR Tests?. <i>Transfusion Medicine and Hemotherapy</i> , 2012 , 39, 202-210	4.2	40
225	Incrimination of anaerobic bacteria in the induction of experimental colitis. <i>American Journal of Physiology - Renal Physiology</i> , 1997 , 272, G10-5	5.1	40
224	Life-threatening infections in children in Europe (the EUCLIDS Project): a prospective cohort study. <i>The Lancet Child and Adolescent Health</i> , 2018 , 2, 404-414	14.5	40
223	Linking the sub-Saharan and West Eurasian gene pools: maternal and paternal heritage of the Tuareg nomads from the African Sahel. <i>European Journal of Human Genetics</i> , 2010 , 18, 915-23	5.3	39
222	The mtDNA ancestry of admixed Colombian populations. <i>American Journal of Human Biology</i> , 2008 , 20, 584-91	2.7	39
221	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
220	Micro-geographical differentiation in Northern Iberia revealed by Y-chromosomal DNA analysis. <i>Gene</i> , 2004 , 329, 17-25	3.8	36
219	The 1998-1999 collaborative exercises and proficiency testing program on DNA typing of the Spanish and Portuguese Working Group of the International Society for Forensic Genetics (GEP-ISFG). <i>Forensic Science International</i> , 2000 , 114, 21-30	2.6	36
218	Linguistic and maternal genetic diversity are not correlated in Native Mexicans. <i>Human Genetics</i> , 2009 , 126, 521-31	6.3	35
217	mtDNA mutations in tumors of the central nervous system reflect the neutral evolution of mtDNA in populations. <i>Oncogene</i> , 2004 , 23, 1314-20	9.2	35
216	Mitochondrial DNA haplogroup background affects LHON, but not suspected LHON, in Chinese patients. <i>PLoS ONE</i> , 2011 , 6, e27750	3.7	34
215	No evidence of association between common European mitochondrial DNA variants in Alzheimer, Parkinson, and migraine in the Spanish population. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2015 , 168B, 54-65	3.5	33
214	Timing and deciphering mitochondrial DNA macro-haplogroup R0 variability in Central Europe and Middle East. <i>BMC Evolutionary Biology</i> , 2008 , 8, 191	3	33
213	The 2000-2001 GEP-ISFG Collaborative Exercise on mtDNA: assessing the cause of unsuccessful mtDNA PCR amplification of hair shaft samples. <i>Forensic Science International</i> , 2003 , 134, 46-53	2.6	33
212	Analysis of the CODIS autosomal STR loci in four main Colombian regions. <i>Forensic Science International</i> , 2003 , 137, 67-73	2.6	33
211	The Paleo-Indian Entry into South America According to Mitogenomes. <i>Molecular Biology and Evolution</i> , 2018 , 35, 299-311	8.3	32

210	Uniparental markers of contemporary Italian population reveals details on its pre-Roman heritage. <i>PLoS ONE</i> , 2012 , 7, e50794	3.7	31
209	Investigating the role of mitochondrial haplogroups in genetic predisposition to meningococcal disease. <i>PLoS ONE</i> , 2009 , 4, e8347	3.7	31
208	Does Viral Co-Infection Influence the Severity of Acute Respiratory Infection in Children?. <i>PLoS ONE</i> , 2016 , 11, e0152481	3.7	31
207	The saga of the many studies wrongly associating mitochondrial DNA with breast cancer. <i>BMC Cancer</i> , 2014 , 14, 659	4.8	30
206	ENGINES: exploring single nucleotide variation in entire human genomes. <i>BMC Bioinformatics</i> , 2011 , 12, 105	3.6	30
205	Median network analysis of defectively sequenced entire mitochondrial genomes from early and contemporary disease studies. <i>Journal of Human Genetics</i> , 2009 , 54, 174-81	4.3	30
204	Inferring the most likely geographical origin of mtDNA sequence profiles. <i>Annals of Human Genetics</i> , 2004 , 68, 461-71	2.2	30
203	The genetic legacy of the pre-colonial period in contemporary Bolivians. <i>PLoS ONE</i> , 2013 , 8, e58980	3.7	30
202	Genome-wide Ancestry and Demographic History of African-Descendant Maroon Communities from French Guiana and Suriname. <i>American Journal of Human Genetics</i> , 2017 , 101, 725-736	11	29
201	Impact of Rotavirus Vaccination on Childhood Hospitalization for Seizures. <i>Pediatric Infectious Disease Journal</i> , 2015 , 34, 769-73	3.4	29
200	The peopling of South America and the trans-Andean gene flow of the first settlers. <i>Genome Research</i> , 2018 , 28, 767-779	9.7	28
199	Rapid and enhanced detection of mitochondrial DNA variation using single-strand conformation analysis of superposed restriction enzyme fragments from polymerase chain reaction-amplified products. <i>Electrophoresis</i> , 1997 , 18, 52-4	3.6	28
198	Y chromosome microsatellite genetic variation in two Native American populations from Argentina: population stratification and mutation data. <i>Forensic Science International: Genetics</i> , 2008 , 2, 274-80	4.3	28
197	Estimating haplotype frequency and coverage of databases. <i>PLoS ONE</i> , 2008 , 3, e3988	3.7	28
196	Mapping human dispersals into the Horn of Africa from Arabian Ice Age refugia using mitogenomes. <i>Scientific Reports</i> , 2016 , 6, 25472	4.9	27
195	SNaPshot typing of mitochondrial DNA coding region variants. <i>Methods in Molecular Biology</i> , 2005 , 297, 197-208	1.4	26
194	Development and Validation of a New Clinical Scale for Infants with Acute Respiratory Infection: The ReSVinet Scale. <i>PLoS ONE</i> , 2016 , 11, e0157665	3.7	26
193	Natural resistance to Meningococcal Disease related to CFH loci: Meta-analysis of genome-wide association studies. <i>Scientific Reports</i> , 2016 , 6, 35842	4.9	26

192	Intestinal intraepithelial lymphocyte cytometric pattern is more accurate than subepithelial deposits of anti-tissue transglutaminase IgA for the diagnosis of celiac disease in lymphocytic enteritis. <i>PLoS ONE</i> , 2014 , 9, e101249	3.7	25
191	Diagnostic value of duodenal antitissue transglutaminase antibodies in gluten-sensitive enteropathy. <i>Alimentary Pharmacology and Therapeutics</i> , 2008 , 27, 820-9	6.1	25
190	Testing for genetic structure in different urban Argentinian populations. <i>Forensic Science International</i> , 2007 , 165, 35-40	2.6	25
189	Insights into Iberian population origins through the construction of highly informative Y-chromosome haplotypes using biallelic markers, STRs, and the MSY1 minisatellite. <i>American Journal of Physical Anthropology</i> , 2003 , 122, 147-61	2.5	25
188	Mitochondrial DNA as a risk factor for false positives in case-control association studies. <i>Journal of Genetics and Genomics</i> , 2015 , 42, 169-72	4	24
187	The complete mitogenome of a 500-year-old Inca child mummy. <i>Scientific Reports</i> , 2015 , 5, 16462	4.9	24
186	The Etruscan timeline: a recent Anatolian connection. <i>European Journal of Human Genetics</i> , 2009 , 17, 693-6	5.3	24
185	D9S1120, a simple STR with a common Native American-specific allele: forensic optimization, locus characterization and allele frequency studies. <i>Forensic Science International: Genetics</i> , 2008 , 3, 7-13	4.3	24
184	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
183	Distorted mitochondrial DNA sequences in schizophrenic patients. <i>European Journal of Human Genetics</i> , 2007 , 15, 400-2; author reply 402-4	5.3	24
182	Sequence variation of a hypervariable short tandem repeat at the D12S391 locus. <i>Gene</i> , 1996 , 182, 151-3,8		24
181	The mitochondrial genome is a "genetic sanctuary" during the oncogenic process. <i>PLoS ONE</i> , 2011 , 6, e23327	3.7	24
180	Impact of mass screening for gluten-sensitive enteropathy in working population. <i>World Journal of Gastroenterology</i> , 2009 , 15, 1331-8	5.6	24
179	Increased Serum Levels of sCD14 and sCD163 Indicate a Preponderant Role for Monocytes in COVID-19 Immunopathology. <i>Frontiers in Immunology</i> , 2020 , 11, 560381	8.4	24
178	A melting pot of multicontinental mtDNA lineages in admixed Venezuelans. <i>American Journal of Physical Anthropology</i> , 2012 , 147, 78-87	2.5	23
177	Ancestry analysis reveals a predominant Native American component with moderate European admixture in Bolivians. <i>Forensic Science International: Genetics</i> , 2013 , 7, 537-42	4.3	23
176	A cautionary note on switching mitochondrial DNA reference sequences in forensic genetics. <i>Forensic Science International: Genetics</i> , 2012 , 6, e182-4	4.3	23
175	mtDNA hypervariable region II (HVII) sequences in human evolution studies. <i>European Journal of Human Genetics</i> , 2000 , 8, 964-74	5.3	23

174	Bacteremia in Children Hospitalized with Respiratory Syncytial Virus Infection. <i>PLoS ONE</i> , 2016 , 11, e0146599	4.7	23
173	Applications of MALDI-TOF MS to large-scale human mtDNA population-based studies. <i>Electrophoresis</i> , 2009 , 30, 3665-73	3.6	22
172	Testing the performance of mtSNP minisequencing in forensic samples. <i>Forensic Science International: Genetics</i> , 2009 , 3, 261-4	4.3	22
171	A qPCR expression assay of IFI44L gene differentiates viral from bacterial infections in febrile children. <i>Scientific Reports</i> , 2019 , 9, 11780	4.9	21
170	Evaluating the accuracy of AIM panels at quantifying genome ancestry. <i>BMC Genomics</i> , 2014 , 15, 543	4.5	21
169	Whole Exome Sequencing reveals new candidate genes in host genomic susceptibility to Respiratory Syncytial Virus Disease. <i>Scientific Reports</i> , 2017 , 7, 15888	4.9	21
168	Genomic insights on the ethno-history of the Maya and the Tainos from Guatemala. <i>BMC Genomics</i> , 2015 , 16, 131	4.5	21
167	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
166	The relationship between surname frequency and Y chromosome variation in Spain. <i>European Journal of Human Genetics</i> , 2016 , 24, 120-8	5.3	20
165	Interdisciplinary approach to the demography of Jamaica. <i>BMC Evolutionary Biology</i> , 2012 , 12, 24	3	20
164	No evidence that major mtDNA European haplogroups confer risk to schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012 , 159B, 414-21	3.5	20
163	New insights into the Lake Chad Basin population structure revealed by high-throughput genotyping of mitochondrial DNA coding SNPs. <i>PLoS ONE</i> , 2011 , 6, e18682	3.7	20
162	Male lineages in South American native groups: evidence of M19 traveling south. <i>American Journal of Physical Anthropology</i> , 2011 , 146, 188-96	2.5	20
161	The search of novel mtDNA mutations in hypertrophic cardiomyopathy: MITOMAPPING as a risk factor. <i>International Journal of Cardiology</i> , 2008 , 126, 439-42	3.2	20
160	A genome-wide study of modern-day Tuscans: revisiting Herodotus's theory on the origin of the Etruscans. <i>PLoS ONE</i> , 2014 , 9, e105920	3.7	20
159	Phylogeography of SARS-CoV-2 pandemic in Spain: a story of multiple introductions, micro-geographic stratification, founder effects, and super-spreaders. <i>Zoological Research</i> , 2020 , 41, 605-620	3.4	20
158	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
157	Rotavirus infection beyond the gut. <i>Infection and Drug Resistance</i> , 2019 , 12, 55-64	4.2	19

156	Rotavirus and autoimmunity. <i>Journal of Infection</i> , 2020 , 81, 183-189	18.9	18
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