

Antonio Salas

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.

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
317	CovidPhy: A tool for phylogeographic analysis of SARS-CoV-2 variation. <i>Environmental Research</i> , 2022 , 204, 111909	7.9	0
316	A multi-tissue study of immune gene expression profiling highlights the key role of the nasal epithelium in COVID-19 severity.. <i>Environmental Research</i> , 2022 , 210, 112890	7.9	2
315	TIPICO XI: report of the first series and podcast on infectious diseases and vaccines (aTIPICO). <i>Human Vaccines and Immunotherapeutics</i> , 2021 , 1-29	4.4	
314	Identification of a Minimal 3-Transcript Signature to Differentiate Viral from Bacterial Infection from Best Genome-Wide Host RNA Biomarkers: A Multi-Cohort Analysis. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
313	Archaeogenomic distinctiveness of the Isthmo-Colombian area. <i>Cell</i> , 2021 , 184, 1706-1723.e24	56.2	5
312	Case Report: Two Monozygotic Twins With a Critically Different Course of Progressive Osseous Heteroplasia. <i>Frontiers in Pediatrics</i> , 2021 , 9, 662669	3.4	0
311	Recognising the asymptomatic enemy. <i>Lancet Infectious Diseases</i> , 2021 , 21, 305-306	25.5	1
310	Pitfalls of barcodes in the study of worldwide SARS-CoV-2 variation and phylodynamics. <i>Zoological Research</i> , 2021 , 42, 87-93	3.4	6
309	Contamination detection in sequencing studies using the mitochondrial phylogeny. <i>Genome Research</i> , 2021 ,	9.7	11
308	Changes in epigenetic profiles throughout early childhood and their relationship to the response to pneumococcal vaccination. <i>Clinical Epigenetics</i> , 2021 , 13, 29	7.7	0
307	Association of Rare CYP39A1 Variants With Exfoliation Syndrome Involving the Anterior Chamber of the Eye. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 325, 753-764	27.4	6
306	Superspreading in the emergence of COVID-19 variants. <i>Trends in Genetics</i> , 2021 , 37, 1069-1080	8.5	8
305	Sensogenomics and the Biological Background Underlying Musical Stimuli: Perspectives for a New Era of Musical Research. <i>Genes</i> , 2021 , 12,	4.2	1
304	Biomolecular insights into North African-related ancestry, mobility and diet in eleventh-century Al-Andalus. <i>Scientific Reports</i> , 2021 , 11, 18121	4.9	0
303	Rotavirus and autoimmunity. <i>Journal of Infection</i> , 2020 , 81, 183-189	18.9	18
302	Extraordinary claims require extraordinary evidence in asserted mtDNA biparental inheritance. <i>Forensic Science International: Genetics</i> , 2020 , 47, 102274	4.3	12
301	A Meta-Analysis of Multiple Whole Blood Gene Expression Data Unveils a Diagnostic Host-Response Transcript Signature for Respiratory Syncytial Virus. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8

300	RNA-Seq Data-Mining Allows the Discovery of Two Long Non-Coding RNA Biomarkers of Viral Infection in Humans. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
299	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
298	PIMA: A population informative multiplex for the Americas. <i>Forensic Science International: Genetics</i> , 2020 , 44, 102200	4.3	2
297	Routine infant vaccination of pneumococcal conjugate vaccines has decreased pneumonia across all age groups in Northern Spain. <i>Human Vaccines and Immunotherapeutics</i> , 2020 , 16, 1446-1453	4.4	3
296	Seroprevalence of SARS-CoV-2 Among Pediatric Healthcare Workers in Spain. <i>Frontiers in Pediatrics</i> , 2020 , 8, 547	3.4	15
295	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
294	Predicting haplogroups using a versatile machine learning program (PredYMaLe) on a new mutationally balanced 32 Y-STR multiplex (CombYplex): Unlocking the full potential of the human STR mutation rate spectrum to estimate forensic parameters. <i>Forensic Science International: Genetics</i> , 2020 , 48, 102342	4.3	4
293	Role of Monocytes/Macrophages in Covid-19 Pathogenesis: Implications for Therapy. <i>Infection and Drug Resistance</i> , 2020 , 13, 2485-2493	4.2	52
292	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
291	Identification of novel risk loci and causal insights for sporadic Creutzfeldt-Jakob disease: a genome-wide association study. <i>Lancet Neurology, The</i> , 2020 , 19, 840-848	24.1	15
290	Host Transcriptomic Response Following Administration of Rotavirus Vaccine in InfantsPMimics Wild Type Infection. <i>Frontiers in Immunology</i> , 2020 , 11, 580219	8.4	0
289	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
288	Biogeographical informativeness of Y-STR haplotypes. <i>Science Bulletin</i> , 2019 , 64, 1381-1384	10.6	1
287	Further considerations on rotavirus vaccination and seizure-related hospitalization rates. <i>Infection and Drug Resistance</i> , 2019 , 12, 989-991	4.2	4
286	Identification of regulatory variants associated with genetic susceptibility to meningococcal disease. <i>Scientific Reports</i> , 2019 , 9, 6966	4.9	3
285	Impact of rotavirus vaccination on childhood hospitalizations for seizures: Heterologous or unforeseen direct vaccine effects?. <i>Vaccine</i> , 2019 , 37, 3362-3368	4.1	5
284	Biogeographical origin and timing of the founder ichthyosis TGM1 c.1187G > A mutation in an isolated Ecuadorian population. <i>Scientific Reports</i> , 2019 , 9, 7175	4.9	2
283	Ancestry patterns inferred from massive RNA-seq data. <i>Rna</i> , 2019 , 25, 857-868	5.8	8

282	A western route of prehistoric human migration from Africa into the Iberian Peninsula. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20182288	4.4	17
281	Plasma lipid profiles discriminate bacterial from viral infection in febrile children. <i>Scientific Reports</i> , 2019 , 9, 17714	4.9	5
280	The natural selection that shapes our genomes. <i>Forensic Science International: Genetics</i> , 2019 , 39, 57-60	4.3	6
279	Rotavirus infection beyond the gut. <i>Infection and Drug Resistance</i> , 2019 , 12, 55-64	4.2	19
278	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
277	The Paleo-Indian Entry into South America According to Mitogenomes. <i>Molecular Biology and Evolution</i> , 2018 , 35, 299-311	8.3	32
276	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
275	Y-chromosome Peruvian origin of the 500-year-old Inca child mummy sacrificed in Cerro Aconcagua (Argentina). <i>Science Bulletin</i> , 2018 , 63, 1457-1459	10.6	4
274	The geographic mosaic of Ecuadorian Y-chromosome ancestry. <i>Forensic Science International: Genetics</i> , 2018 , 33, 59-65	4.3	15
273	Early human dispersals within the Americas. <i>Science</i> , 2018 , 362,	33.3	118
272	Whole Exome Sequencing Identifies New Host Genomic Susceptibility Factors in Empyema Caused by <i>Streptococcus pneumoniae</i> in Children: A Pilot Study. <i>Genes</i> , 2018 , 9,	4.2	7
271	Rotavirus intestinal infection induces an oral mucosa cytokine response. <i>PLoS ONE</i> , 2018 , 13, e0195314	3.7	4
270	A 2-transcript host cell signature distinguishes viral from bacterial diarrhea and it is influenced by the severity of symptoms. <i>Scientific Reports</i> , 2018 , 8, 8043	4.9	12
269	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
268	Advances for improved diagnosis of microscopic colitis in patients with chronic diarrhoea. <i>Gastroenterología Y Hepatología</i> , 2017 , 40, 107-116	0.9	4
267	Advances for improved diagnosis of microscopic colitis in patients with chronic diarrhoea. <i>Gastroenterología Y Hepatología (English Edition)</i> , 2017 , 40, 107-116	0.1	
266	Phylogenetic and population-based approaches to mitogenome variation do not support association with male infertility. <i>Journal of Human Genetics</i> , 2017 , 62, 361-371	4.3	3
265	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

264	Updating the African human mitochondrial DNA tree: Relevance to forensic and population genetics. <i>Forensic Science International: Genetics</i> , 2017 , 27, 156-159	4.3	14
263	Phylogeographic and genome-wide investigations of Vietnam ethnic groups reveal signatures of complex historical demographic movements. <i>Scientific Reports</i> , 2017 , 7, 12630	4.9	13
262	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
261	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
260	Salivary epidermal growth factor correlates with hospitalization length in rotavirus infection. <i>BMC Infectious Diseases</i> , 2017 , 17, 370	4	1
259	A comprehensive Y-STR portrait of Argentinean populations. <i>Forensic Science International: Genetics</i> , 2016 , 20, 1-5	4.3	7
258	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
257	Analysis of uni and bi-parental markers in mixture samples: Lessons from the 22nd GHEP-ISFG Intercomparison Exercise. <i>Forensic Science International: Genetics</i> , 2016 , 25, 63-72	4.3	6
256	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
255	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
254	Genomic continuity of Argentinean Mennonites. <i>Scientific Reports</i> , 2016 , 6, 36392	4.9	2
253	Mapping the genomic mosaic of two Afro-Bolivians from the isolated Yungas valleys. <i>BMC Genomics</i> , 2016 , 17, 207	4.5	9
252	Regional Specialisation of T Cell Subsets and Apoptosis in the Human Gut Mucosa: Differences Between Ileum and Colon in Healthy Intestine and Inflammatory Bowel Diseases. <i>Journal of Crohn's and Colitis</i> , 2016 , 10, 1042-54	1.5	9
251	Charting the Y-chromosome ancestry of present-day Argentinean Mennonites. <i>Journal of Human Genetics</i> , 2016 , 61, 507-13	4.3	7
250	Prevalence and Natural History of Microscopic Colitis: A Population-Based Study With Long-term Clinical Follow-up in Terrassa, Spain. <i>Journal of Crohn's and Colitis</i> , 2016 , 10, 805-11	1.5	18
249	Analysis of Y-chromosome STRs in Chile confirms an extensive introgression of European male lineages in urban populations. <i>Forensic Science International: Genetics</i> , 2016 , 21, 76-80	4.3	10
248	Comprehensive Analysis of Pan-African Mitochondrial DNA Variation Provides New Insights into Continental Variation and Demography. <i>Journal of Genetics and Genomics</i> , 2016 , 43, 133-43	4	10
247	Revealing latitudinal patterns of mitochondrial DNA diversity in Chileans. <i>Forensic Science International: Genetics</i> , 2016 , 20, 81-88	4.3	15

246	Does Viral Co-Infection Influence the Severity of Acute Respiratory Infection in Children?. <i>PLoS ONE</i> , 2016 , 11, e0152481	3.7	31
245	Bacteremia in Children Hospitalized with Respiratory Syncytial Virus Infection. <i>PLoS ONE</i> , 2016 , 11, e0146599	5.7	23
244	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
243	Meta-Analysis of Mitochondrial DNA Variation in the Iberian Peninsula. <i>PLoS ONE</i> , 2016 , 11, e0159735	3.7	14
242	Role of Vitamin D in Hospitalized Children With Lower Tract Acute Respiratory Infections. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016 , 62, 479-85	2.8	7
241	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
240	Whole mitochondrial DNA sequencing in Alpine populations and the genetic history of the Neolithic Tyrolean Iceman. <i>Scientific Reports</i> , 2016 , 6, 18932	4.9	12
239	HaploGrep 2: mitochondrial haplogroup classification in the era of high-throughput sequencing. <i>Nucleic Acids Research</i> , 2016 , 44, W58-63	20.1	420
238	Infertile studies on mitochondrial DNA variation in asthenozoospermic Tunisian men. <i>Biochemistry and Biophysics Reports</i> , 2016 , 8, 114-119	2.2	3
237	Strong down-regulation of glycoporphin genes: A host defense mechanism against rotavirus infection. <i>Infection, Genetics and Evolution</i> , 2016 , 44, 403-411	4.5	9
236	A reference frequency database of 15 autosomal STRs in Chile. <i>Forensic Science International: Genetics</i> , 2015 , 19, 35-36	4.3	5
235	Mosaic maternal ancestry in the Great Lakes region of East Africa. <i>Human Genetics</i> , 2015 , 134, 1013-27	6.3	11
234	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
233	A parametric approach to kinship hypothesis testing using identity-by-descent parameters. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2015 , 14, 465-79	1.2	4
232	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
231	The multiethnic ancestry of Bolivians as revealed by the analysis of Y-chromosome markers. <i>Forensic Science International: Genetics</i> , 2015 , 14, 210-8	4.3	15
230	The complete mitogenome of a 500-year-old Inca child mummy. <i>Scientific Reports</i> , 2015 , 5, 16462	4.9	24
229	Impact of Rotavirus Vaccination on Childhood Hospitalization for Seizures. <i>Pediatric Infectious Disease Journal</i> , 2015 , 34, 769-73	3.4	29

228	Genomic insights on the ethno-history of the Maya and the Mestizos from Guatemala. <i>BMC Genomics</i> , 2015 , 16, 131	4.5	21
227	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
226	Mitogenomes from The 1000 Genome Project reveal new Near Eastern features in present-day Tuscans. <i>PLoS ONE</i> , 2015 , 10, e0119242	3.7	13
225	The Genomic Legacy of the Transatlantic Slave Trade in the Yungas Valley of Bolivia. <i>PLoS ONE</i> , 2015 , 10, e0134129	3.7	6
224	Viral Co-Infections in Pediatric Patients Hospitalized with Lower Tract Acute Respiratory Infections. <i>PLoS ONE</i> , 2015 , 10, e0136526	3.7	47
223	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
222	Evaluating the role of mitochondrial DNA variation to the genetic predisposition to radiation-induced toxicity. <i>Radiotherapy and Oncology</i> , 2014 , 111, 199-205	5.3	8
221	No association between typical European mitochondrial variation and prostate cancer risk in a Spanish cohort. <i>Journal of Human Genetics</i> , 2014 , 59, 411-4	4.3	5
220	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
219	Evaluating the accuracy of AIM panels at quantifying genome ancestry. <i>BMC Genomics</i> , 2014 , 15, 543	4.5	21
218	Ancient human genomes suggest three ancestral populations for present-day Europeans. <i>Nature</i> , 2014 , 513, 409-13	50.4	812
217	Mitochondrial DNA (mtDNA) variants in the European haplogroups HV, JT, and U do not have a major role in schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2014 , 165B, 607-17	3.5	8
216	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
215	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
214	The saga of the many studies wrongly associating mitochondrial DNA with breast cancer. <i>BMC Cancer</i> , 2014 , 14, 659	4.8	30
213	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
212	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
211	The West African Ethnicity of the Enslaved in Jamaica. <i>Slavery and Abolition</i> , 2013 , 34, 376-400	0.8	3

210 Human Mitochondrial Genetics and Evolution **2013**, 555-557

209 Impact of current smoking on the clinical course of microscopic colitis. *Inflammatory Bowel Diseases*, **2013**, 19, 1470-6 4.5 45

208 Indian signatures in the westernmost edge of the European Romani diaspora: new insight from mitogenomes. *PLoS ONE*, **2013**, 8, e75397 3.7 18

207 The genetic legacy of the pre-colonial period in contemporary Bolivians. *PLoS ONE*, **2013**, 8, e58980 3.7 30

206 A generalized model to estimate the statistical power in mitochondrial disease studies involving 2x2 tables. *PLoS ONE*, **2013**, 8, e73567 3.7 11

205 Interdisciplinary approach to the demography of Jamaica. *BMC Evolutionary Biology*, **2012**, 12, 24 3 20

204 A melting pot of multicontinental mtDNA lineages in admixed Venezuelans. *American Journal of Physical Anthropology*, **2012**, 147, 78-87 2.5 23

203 A cautionary note on switching mitochondrial DNA reference sequences in forensic genetics. *Forensic Science International: Genetics*, **2012**, 6, e182-4 4.3 23

202 Uniparental markers of contemporary Italian population reveals details on its pre-Roman heritage. *PLoS ONE*, **2012**, 7, e50794 3.7 31

201 Current next generation sequencing technology may not meet forensic standards. *Forensic Science International: Genetics*, **2012**, 6, 143-5 4.3 56

200 Analysis of a claimed distant relationship in a deficient pedigree using high density SNP data. *Forensic Science International: Genetics*, **2012**, 6, 350-3 4.3 18

199 Patterns of Y-STR variation in Italy. *Forensic Science International: Genetics*, **2012**, 6, 834-9 4.3 12

198 Haplogrouping mitochondrial DNA sequences in Legal Medicine/Forensic Genetics. *International Journal of Legal Medicine*, **2012**, 126, 901-16 3.1 51

197 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?. *Transfusion Medicine and Hemotherapy*, **2012**, 39, 202-210 4.2 40

196 Genetic continuity in the Franco-Cantabrian region: new clues from autochthonous mitogenomes. *PLoS ONE*, **2012**, 7, e32851 3.7 18

195 Prevalence and clinical relevance of enteropathy associated with systemic autoimmune diseases. *Digestive and Liver Disease*, **2012**, 44, 636-42 3.3 7

194 Arrival of Paleo-Indians to the southern cone of South America: new clues from mitogenomes. *PLoS ONE*, **2012**, 7, e51311 3.7 41

193 Reconstructing ancient mitochondrial DNA links between Africa and Europe. *Genome Research*, **2012**, 22, 821-6 9.7 44

192	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
191	Toward a mtDNA locus-specific mutation database using the LOVD platform. <i>Human Mutation</i> , 2012 , 33, 1352-8	4.7	7
190	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
189	Reconstructing Native American population history. <i>Nature</i> , 2012 , 488, 370-4	50.4	498
188	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
187	Raising doubts about the pathogenicity of mitochondrial DNA mutation m.3308T>C in left ventricular hypertrabeculation/noncompaction. <i>Cardiology</i> , 2012 , 122, 113-5	1.6	6
186	Differentiation of African components of ancestry to stratify groups in a case-control study of a Brazilian urban population. <i>Genetic Testing and Molecular Biomarkers</i> , 2012 , 16, 524-30	1.6	5
185	The maintenance of mitochondrial genetic stability is crucial during the oncogenic process. <i>Communicative and Integrative Biology</i> , 2012 , 5, 34-8	1.7	4
184	Multiple local and recent founder effects of TGM1 in Spanish families. <i>PLoS ONE</i> , 2012 , 7, e33580	3.7	14
183	Evaluating methods to correct for population stratification when estimating paternity indexes. <i>PLoS ONE</i> , 2012 , 7, e49832	3.7	11
182	GDF: Dealing with High-throughput Genotyping Multiplatform Data for Medical and Population Genetic Applications. <i>Journal of Proteomics and Bioinformatics</i> , 2012 , 05,	2.1	2
181	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
180	Mild enteropathy as a cause of iron-deficiency anaemia of previously unknown origin. <i>Digestive and Liver Disease</i> , 2011 , 43, 448-53	3.3	16
179	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
178	A statistical framework for the interpretation of mtDNA mixtures: forensic and medical applications. <i>PLoS ONE</i> , 2011 , 6, e26723	3.7	9
177	P2-171 Pain among older people and its impact on disability: a 10/66 cross-sectional population-based surveys in Latin America, India and China. <i>Journal of Epidemiology and Community Health</i> , 2011 , 65, A268-A268	5.1	2
176	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
175	Call for participation in the neurogenetics consortium within the Human Variome Project. <i>Neurogenetics</i> , 2011 , 12, 169-73	3	4

174	Reassessing the role of mitochondrial DNA mutations in autism spectrum disorder. <i>BMC Medical Genetics</i> , 2011 , 12, 50	2.1	15
173	ENGINES: exploring single nucleotide variation in entire human genomes. <i>BMC Bioinformatics</i> , 2011 , 12, 105	3.6	30
172	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
171	A putative "hepitype" in the ATM gene associated with chronic lymphocytic leukemia risk. <i>Genes Chromosomes and Cancer</i> , 2011 , 50, 887-95	5	5
170	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
169	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
168	Evolutionary analyses of entire genomes do not support the association of mtDNA mutations with Ras/MAPK pathway syndromes. <i>PLoS ONE</i> , 2011 , 6, e18348	3.7	8
167	The mitochondrial genome is a "genetic sanctuary" during the oncogenic process. <i>PLoS ONE</i> , 2011 , 6, e23327	3.7	24
166	Mitochondrial DNA haplogroup background affects LHON, but not suspected LHON, in Chinese patients. <i>PLoS ONE</i> , 2011 , 6, e27750	3.7	34
165	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
164	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
163	A reduced number of mtSNPs saturates mitochondrial DNA haplotype diversity of worldwide population groups. <i>PLoS ONE</i> , 2010 , 5, e10218	3.7	9
162	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
161	Population stratification in Argentina strongly influences likelihood ratio estimates in paternity testing as revealed by a simulation-based approach. <i>International Journal of Legal Medicine</i> , 2010 , 124, 63-9	3.1	10
160	Colorectal Cancer OncoGuia: surgical pathology report guidelines. <i>Clinical and Translational Oncology</i> , 2010 , 12, 211-3	3.6	4
159	Problemas y retos de futuro de la genética forense en el siglo XXI. <i>Cuadernos De Medicina Forense</i> , 2010 , 16,		2
158	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
157	Ancestry analysis in the 11-M Madrid bomb attack investigation. <i>PLoS ONE</i> , 2009 , 4, e6583	3.7	95

156	Mitochondrial echoes of first settlement and genetic continuity in El Salvador. <i>PLoS ONE</i> , 2009 , 4, e68823,7	18
155	High mitochondrial DNA stability in B-cell chronic lymphocytic leukemia. <i>PLoS ONE</i> , 2009 , 4, e7902	3.7 18
154	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
153	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
152	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
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4	Haplocheck: Phylogeny-based Contamination Detection in Mitochondrial and Whole-Genome Sequencing Studies		2
3	The impact of super-spreaders in COVID-19: mapping genome variation worldwide		3
2	Increased serum levels of sCD14 and sCD163 indicate a preponderant role for monocytes in COVID-19 immunopathology		1
1	Extraordinary claims require extraordinary evidence in the case of asserted mtDNA biparental inheritance		3