Carlos Flores

List of Publications by Year in Descending Order

157 papers	6,745 citations	38 h-index	78 g-index
198 ext. papers	8,996 ext. citations	8.1 avg, IF	5.23 L-index

#	Paper	IF	Citations
157	Human genetic and immunological determinants of critical COVID-19 pneumonia.. *Nature*, **2022**,	50.4	23
156	Curated variation benchmarks for challenging medically relevant autosomal genes.. *Nature Biotechnology*, **2022**,	44.5	12
155	Admixture Mapping of Sepsis in European Individuals With African Ancestries.. *Frontiers in Medicine*, **2022**, 9, 754440	4.9	
154	Association of the Delta SARS-CoV-2 variant with 28-day hospital mortality between December 2020 and September 2021.. *Journal of Infection*, **2022**,	18.9	0
153	PrecisionFDA Truth Challenge V2: Calling variants from short and long reads in difficult-to-map regions. *Cell Genomics*, **2022**, 2, 100129		4
152	Transactive Response DNA-Binding Protein (TARDBP/TDP-43) Regulates Cell Permissivity to HIV-1 Infection by Acting on HDAC6. *International Journal of Molecular Sciences*, **2022**, 23, 6180	6.3	1
151	Genome-wide association study of asthma exacerbations despite inhaled corticosteroid use. *European Respiratory Journal*, **2021**, 57,	13.6	5
150	A benchmarking of human mitochondrial DNA haplogroup classifiers from whole-genome and whole-exome sequence data. *Scientific Reports*, **2021**, 11, 20510	4.9	0
149	NanoCLUST: a species-level analysis of 16S rRNA nanopore sequencing data. *Bioinformatics*, **2021**, 37, 1600-1601	7.2	15
148	Monitoring the rise of the SARS-CoV-2 lineage B.1.1.7 in Tenerife (Spain) since mid-December 2020. *Journal of Infection*, **2021**, 82, e1-e3	18.9	3
147	Genetic Ancestry Inference and Its Application for the Genetic Mapping of Human Diseases. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
146	Identification of as a Potential Locus Associated with Inhaled Corticosteroid Response in Childhood Asthma. *Journal of Personalized Medicine*, **2021**, 11,	3.6	1
145	Longitudinal study of a SARS-CoV-2 infection in an immunocompromised patient with X-linked agammaglobulinemia. *Journal of Infection*, **2021**, 83, 607-635	18.9	1
144	Admixture mapping analysis reveals differential genetic ancestry associated with Chagas disease susceptibility in the Colombian population. *Human Molecular Genetics*, **2021**, 30, 2503-2512	5.6	1
143	Lung Transplant Improves Survival and Quality of Life Regardless of Telomere Dysfunction. *Frontiers in Medicine*, **2021**, 8, 695919	4.9	1
142	Proportion of Idiopathic Pulmonary Fibrosis Risk Explained by Known Common Genetic Loci in European Populations. *American Journal of Respiratory and Critical Care Medicine*, **2021**, 203, 775-778	10.2	4
141	Increasing SARS-CoV-2 RT-qPCR testing capacity by sample pooling. *International Journal of Infectious Diseases*, **2021**, 103, 19-22	10.5	17

140	Combined analysis of transcriptomic and genetic data for the identification of loci involved in glucocorticosteroid response in asthma. *Allergy: European Journal of Allergy and Clinical Immunology*, **2021**, 76, 1238-1243	9.3	5
139	Nanopore sequencing and its application to the study of microbial communities. *Computational and Structural Biotechnology Journal*, **2021**, 19, 1497-1511	6.8	23
138	Decoding the pharmacogenetics of nonsteroidal anti-inflammatory drug hypersensitivity. *British Journal of Dermatology*, **2021**, 185, 697-698	4	
137	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. *Science Immunology*, **2021**, 6,	28	67
136	Whole-Blood Mitochondrial DNA Copies Are Associated With the Prognosis of Acute Respiratory Distress Syndrome After Sepsis. *Frontiers in Immunology*, **2021**, 12, 737369	8.4	2
135	Complete mitogenome in a population sample from Cameroon. *Forensic Science International: Genetics*, **2021**, 55, 102597	4.3	
134	Targeted analysis of genomic regions enriched in African ancestry reveals novel classical HLA alleles associated with asthma in Southwestern Europeans. *Scientific Reports*, **2021**, 11, 23686	4.9	0
133	Fast SARS-CoV-2 detection by RT-qPCR in preheated nasopharyngeal swab samples. *International Journal of Infectious Diseases*, **2020**, 97, 66-68	10.5	44
132	Admixture mapping of asthma in southwestern Europeans with North African ancestry influences. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2020**, 318, L965-L975	5.8	4
131	Sepsis-associated acute respiratory distress syndrome in individuals of European ancestry: a genome-wide association study. *Lancet Respiratory Medicine,the*, **2020**, 8, 258-266	35.1	10
130	Pharmacogenomic associations of adverse drug reactions in asthma: systematic review and research prioritisation. *Pharmacogenomics Journal*, **2020**, 20, 621-628	3.5	5
129	Interactive Web-Based Resource for Annotation of Genetic Variants Causing Hereditary Angioedema (HADA): Database Development, Implementation, and Validation. *Journal of Medical Internet Research*, **2020**, 22, e19040	7.6	2
128	Genome-Wide Association Study of Susceptibility to Idiopathic Pulmonary Fibrosis. *American Journal of Respiratory and Critical Care Medicine*, **2020**, 201, 564-574	10.2	81
127	Evaluation of Whole-Exome Enrichment Solutions: Lessons from the High-End of the Short-Read Sequencing Scale. *Journal of Clinical Medicine*, **2020**, 9,	5.1	4
126	Could lung bacterial dysbiosis predict ICU mortality in patients with extra-pulmonary sepsis? A proof-of-concept study. *Intensive Care Medicine*, **2020**, 46, 2118-2120	14.5	4
125	Sensitivity of different RT-qPCR solutions for SARS-CoV-2 detection. *International Journal of Infectious Diseases*, **2020**, 99, 190-192	10.5	27
124	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. *Science*, **2020**, 370,	33.3	994
123	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. *Science*, **2020**, 370,	33.3	1090

122	Bradykinin-Mediated Angioedema: An Update of the Genetic Causes and the Impact of Genomics. *Frontiers in Genetics*, **2019**, 10, 900	4.5	21
121	Genome-wide association study of inhaled corticosteroid response in admixed children with asthma. *Clinical and Experimental Allergy*, **2019**, 49, 789-798	4.1	32
120	Novel idiopathic pulmonary fibrosis susceptibility variants revealed by deep sequencing. *ERJ Open Research*, **2019**, 5,	3.5	14
119	NanoDJ: a Dockerized Jupyter notebook for interactive Oxford Nanopore MinION sequence manipulation and genome assembly. *BMC Bioinformatics*, **2019**, 20, 234	3.6	2
118	Whole-Exome Sequencing Identifies Somatic Mutations Associated With Mortality in Metastatic Clear Cell Kidney Carcinoma. *Frontiers in Genetics*, **2019**, 10, 439	4.5	12
117	Mitogenomes illuminate the origin and migration patterns of the indigenous people of the Canary Islands. *PLoS ONE*, **2019**, 14, e0209125	3.7	24
116	Genomic Predictors of Asthma Phenotypes and Treatment Response. *Frontiers in Pediatrics*, **2019**, 7, 6	3.4	36
115	Polymorphisms in CEP68 gene associated with risk of immediate selective reactions to non-steroidal anti-inflammatory drugs. *Pharmacogenomics Journal*, **2019**, 19, 191-199	3.5	11
114	Genomics and the Acute Respiratory Distress Syndrome: Current and Future Directions. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	14
113	Role of genomics in asthma exacerbations. *Current Opinion in Pulmonary Medicine*, **2019**, 25, 101-112	3	10
112	Bacterial salivary microbiome associates with asthma among african american children and young adults. *Pediatric Pulmonology*, **2019**, 54, 1948-1956	3.5	7
111	AmpliSeq Screening of Genes Encoding the C-Type Lectin Receptors and Their Signaling Components Reveals a Common Variant in Associated with Pulmonary Tuberculosis in an Indian Population. *Frontiers in Immunology*, **2018**, 9, 242	8.4	7
110	Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. *Nature Genetics*, **2018**, 50, 1072-1080	36.3	52
109	A vascular endothelial growth factor receptor gene variant is associated with susceptibility to acute respiratory distress syndrome. *Intensive Care Medicine Experimental*, **2018**, 6, 16	3.7	7
108	Genomic Analyses of Human European Diversity at the Southwestern Edge: Isolation, African Influence and Disease Associations in the Canary Islands. *Molecular Biology and Evolution*, **2018**, 35, 3010-3026	8.3	11
107	A pathway-based association study reveals variants from Wnt signalling genes contributing to asthma susceptibility. *Clinical and Experimental Allergy*, **2017**, 47, 618-626	4.1	20
106	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases: A Mendelian Randomization Study. *JAMA Oncology*, **2017**, 3, 636-651	13.4	236
105	Identification of a novel locus associated with skin colour in African-admixed populations. *Scientific Reports*, **2017**, 7, 44548	4.9	24

104	Genetic variants associated with susceptibility to idiopathic pulmonary fibrosis in people of European ancestry: a genome-wide association study. *Lancet Respiratory Medicine,the*, **2017**, 5, 869-880	35.1	142
103	Biomarkers for the acute respiratory distress syndrome: how to make the diagnosis more precise. *Annals of Translational Medicine*, **2017**, 5, 283	3.2	57
102	The road to precision medicine in sepsis: blood transcriptome endotypes. *Lancet Respiratory Medicine,the*, **2017**, 5, 767-768	35.1	3
101	Rationale and design of the multiethnic Pharmacogenomics in Childhood Asthma consortium. *Pharmacogenomics*, **2017**, 18, 931-943	2.6	22
100	What Ancestry Can Tell Us About the Genetic Origins of Inter-Ethnic Differences in Asthma Expression. *Current Allergy and Asthma Reports*, **2016**, 16, 53	5.6	14
99	Streptococcal group B integrative and mobilizable element IMESag-rpsI encodes a functional relaxase involved in its transfer. *Open Biology*, **2016**, 6,	7	6
98	Genetic Variants of Thymic Stromal Lymphopoietin in Nonsteroidal Anti-Inflammatory Drug-Induced Urticaria/Angioedema. *International Archives of Allergy and Immunology*, **2016**, 169, 249-55	3.7	7
97	Copy number variation in ALOX5 and PTGER1 is associated with NSAIDs-induced urticaria and/or angioedema. *Pharmacogenetics and Genomics*, **2016**, 26, 280-7	1.9	13
96	Genetics of Acute Respiratory Distress Syndrome **2016**, 1-9		2
95	Genome-wide association study in Spanish identifies ADAM metallopeptidase with thrombospondin type 1 motif, 9 (ADAMTS9), as a novel asthma susceptibility gene. *Journal of Allergy and Clinical Immunology*, **2016**, 137, 964-6	11.5	15
94	Genomic Insights Into Sepsis Course Using Whole Exome Sequencing. *EBioMedicine*, **2016**, 12, 18-19	8.8	1
93	IonGAP: integrative bacterial genome analysis for Ion Torrent sequence data. *Bioinformatics*, **2015**, 31, 2870-3	7.2	9
92	Altered Profile of Circulating Endothelial-Derived Microparticles in Ventilator-Induced Lung Injury. *Critical Care Medicine*, **2015**, 43, e551-9	1.4	19
91	Common variants of NFE2L2 gene predisposes to acute respiratory distress syndrome in patients with severe sepsis. *Critical Care*, **2015**, 19, 256	10.8	13
90	Fine mapping of the myosin light chain kinase (MYLK) gene replicates the association with asthma in populations of Spanish descent. *Journal of Allergy and Clinical Immunology*, **2015**, 136, 1116-8.e9	11.5	7
89	Host genetics shapes adult sepsis survival. *Lancet Respiratory Medicine,the*, **2015**, 3, 7-8	35.1	4
88	Lung Transcriptomics during Protective Ventilatory Support in Sepsis-Induced Acute Lung Injury. *PLoS ONE*, **2015**, 10, e0132296	3.7	18
87	HLA-DRB1*15:01 allele protects from asthma susceptibility. *Journal of Allergy and Clinical Immunology*, **2014**, 134, 1201-3	11.5	5

86	Soluble platelet-endothelial cell adhesion molecule-1, a biomarker of ventilator-induced lung injury. *Critical Care*, **2014**, 18, R41	10.8	7
85	Variants of CEP68 gene are associated with acute urticaria/angioedema induced by multiple non-steroidal anti-inflammatory drugs. *PLoS ONE*, **2014**, 9, e90966	3.7	17
84	GADD45a promoter regulation by a functional genetic variant associated with acute lung injury. *PLoS ONE*, **2014**, 9, e100169	3.7	9
83	Assessing the quality of studies supporting genetic susceptibility and outcomes of ARDS. *Frontiers in Genetics*, **2014**, 5, 20	4.5	16
82	The NAMPT promoter is regulated by mechanical stress, signal transducer and activator of transcription 5, and acute respiratory distress syndrome-associated genetic variants. *American Journal of Respiratory Cell and Molecular Biology*, **2014**, 51, 660-7	5.7	31
81	Early activation of pro-fibrotic WNT5A in sepsis-induced acute lung injury. *Critical Care*, **2014**, 18, 568	10.8	38
80	The interplay between natural selection and susceptibility to melanoma on allele 374F of SLC45A2 gene in a South European population. *PLoS ONE*, **2014**, 9, e104367	3.7	13
79	Simultaneous purifying selection on the ancestral MC1R allele and positive selection on the melanoma-risk allele V60L in south Europeans. *Molecular Biology and Evolution*, **2013**, 30, 2654-65	8.3	24
78	Genetic variants associated with idiopathic pulmonary fibrosis susceptibility and mortality: a genome-wide association study. *Lancet Respiratory Medicine,the*, **2013**, 1, 309-317	35.1	341
77	Functional promoter variants in sphingosine 1-phosphate receptor 3 associate with susceptibility to sepsis-associated acute respiratory distress syndrome. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2013**, 305, L467-77	5.8	36
76	Gene flow from North Africa contributes to differential human genetic diversity in southern Europe. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 11791-6	11.5	137
75	Assessing the validity of asthma associations for eight candidate genes and age at diagnosis effects. *PLoS ONE*, **2013**, 8, e73157	3.7	11
74	An intronic MYLK variant associated with inflammatory lung disease regulates promoter activity of the smooth muscle myosin light chain kinase isoform. *Journal of Molecular Medicine*, **2012**, 90, 299-308	5.5	18
73	No association between genetic ancestry and susceptibility to asthma or atopy in Canary Islanders. *Immunogenetics*, **2012**, 64, 705-11	3.2	1
72	Genetic variants of the arachidonic acid pathway in non-steroidal anti-inflammatory drug-induced acute urticaria. *Clinical and Experimental Allergy*, **2012**, 42, 1772-81	4.1	43
71	IL-1 receptor-associated kinase 3 gene (IRAK3) variants associate with asthma in a replication study in the Spanish population. *Journal of Allergy and Clinical Immunology*, **2012**, 129, 573-5, 575.e1-10	11.5	19
70	African ancestry is associated with asthma risk in African Americans. *PLoS ONE*, **2012**, 7, e26807	3.7	50
69	The epithelial sodium channel subunit: new notes for an old song. *American Journal of Physiology - Renal Physiology*, **2012**, 303, F328-38	4.3	53

68	WNT/β-catenin signaling is modulated by mechanical ventilation in an experimental model of acute lung injury. *Intensive Care Medicine*, **2011**, 37, 1201-9	14.5	37
67	Association of common variants, not rare mutations, in IRF6 with nonsyndromic clefts in a Honduran population. *Laryngoscope*, **2011**, 121, 1756-9	3.6	15
66	Injurious mechanical ventilation affects neuronal activation in ventilated rats. *Critical Care*, **2011**, 15, R124	10.8	52
65	Type 2 deiodinase and host responses of sepsis and acute lung injury. *American Journal of Respiratory Cell and Molecular Biology*, **2011**, 45, 1203-11	5.7	50
64	Interleukin-1 receptor-associated kinase 3 gene associates with susceptibility to acute lung injury. *American Journal of Respiratory Cell and Molecular Biology*, **2011**, 45, 740-5	5.7	23
63	North African influences and potential bias in case-control association studies in the Spanish population. *PLoS ONE*, **2011**, 6, e18389	3.7	22
62	Activation of the Wnt/β-catenin signaling pathway by mechanical ventilation is associated with ventilator-induced pulmonary fibrosis in healthy lungs. *PLoS ONE*, **2011**, 6, e23914	3.7	56
61	Functional variants of the sphingosine-1-phosphate receptor 1 gene associate with asthma susceptibility. *Journal of Allergy and Clinical Immunology*, **2010**, 126, 241-9, 249.e1-3	11.5	37
60	An alternative method of acute lung injury classification for use in observational studies. *Chest*, **2010**, 138, 1054-61	5.3	38
59	Early physiological and biological features in three animal models of induced acute lung injury. *Intensive Care Medicine*, **2010**, 36, 347-55	14.5	19
58	Mechanical ventilation modulates Toll-like receptor signaling pathway in a sepsis-induced lung injury model. *Intensive Care Medicine*, **2010**, 36, 1049-57	14.5	40
57	Mechanical ventilation modulates TLR4 and IRAK-3 in a non-infectious, ventilator-induced lung injury model. *Respiratory Research*, **2010**, 11, 27	7.3	33
56	Common variants of TLR1 associate with organ dysfunction and sustained pro-inflammatory responses during sepsis. *PLoS ONE*, **2010**, 5, e13759	3.7	37
55	The association between interferon regulatory factor 6 (IRF6) and nonsyndromic cleft lip with or without cleft palate in a Honduran population. *Laryngoscope*, **2009**, 119, 1759-64	3.6	9
54	Polymorphisms of interleukin-6 and tumor necrosis factor gene promoters and cardiorespiratory function following liver transplantation: a preliminary study. *Transplantation Proceedings*, **2009**, 41, 1062-4	1.1	2
53	A common haplotype of the LBP gene predisposes to severe sepsis. *Critical Care Medicine*, **2009**, 37, 2759-66	1.4	19
52	A common haplotype of the LBP gene predisposes to severe sepsis *. *Critical Care Medicine*, **2009**, 37, 2759-2766	1.4	20
51	Serum lipopolysaccharide binding protein levels predict severity of lung injury and mortality in patients with severe sepsis. *PLoS ONE*, **2009**, 4, e6818	3.7	46

50	Experimental ventilator-induced lung injury: exacerbation by positive end-expiratory pressure. *Anesthesiology*, **2009**, 110, 1341-7	4.3	32
49	Mitochondrial DNA variation in Jordanians and their genetic relationship to other Middle East populations. *Annals of Human Biology*, **2008**, 35, 212-31	1.7	22
48	IL6 gene-wide haplotype is associated with susceptibility to acute lung injury. *Translational Research*, **2008**, 152, 11-7	11	49
47	The D84E variant of the alpha-MSH receptor 1 gene is associated with cutaneous malignant melanoma early onset. *Journal of Dermatological Science*, **2008**, 52, 186-92	4.3	4
46	A quality assessment of genetic association studies supporting susceptibility and outcome in acute lung injury. *Critical Care*, **2008**, 12, R130	10.8	35
45	Variation in the myosin light chain kinase gene is associated with development of acute lung injury after major trauma. *Critical Care Medicine*, **2008**, 36, 2794-800	1.4	97
44	Angiotensin-converting enzyme insertion/deletion polymorphism is not associated with susceptibility and outcome in sepsis and acute respiratory distress syndrome. *Intensive Care Medicine*, **2008**, 34, 488-95	14.5	36
43	ACE insertion/deletion polymorphism in sepsis and acute respiratory distress syndrome. *Intensive Care Medicine*, **2008**, 34, 1732-1732	14.5	
42	A common cortactin gene variation confers differential susceptibility to severe asthma. *Genetic Epidemiology*, **2008**, 32, 757-66	2.6	13
41	Genetic determinants of survival in sepsis and acute lung injury. *Minerva Anestesiologica*, **2008**, 74, 341-5	1.9	6
40	Macrophage migration inhibitory factor in acute lung injury: expression, biomarker, and associations. *Translational Research*, **2007**, 150, 18-29	11	76
39	A variant of the myosin light chain kinase gene is associated with severe asthma in African Americans. *Genetic Epidemiology*, **2007**, 31, 296-305	2.6	56
38	A missense mutation in the chloride/proton ClC-5 antiporter gene results in increased expression of an alternative mRNA form that lacks exons 10 and 11. Identification of seven new CLCN5 mutations in patients with Dent's disease. *Journal of Human Genetics*, **2007**, 52, 255-261	4.3	10
37	Use of consomic rats for genomic insights into ventilator-associated lung injury. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2007**, 293, L292-302	5.8	36
36	A CXCL2 polymorphism is associated with better outcomes in patients with severe sepsis. *Critical Care Medicine*, **2007**, 35, 2292-7	1.4	20
35	Genomics of acute lung injury. *Seminars in Respiratory and Critical Care Medicine*, **2006**, 27, 389-95	3.9	13
34	A CXCL2 tandem repeat promoter polymorphism is associated with susceptibility to severe sepsis in the Spanish population. *Genes and Immunity*, **2006**, 7, 141-9	4.4	21
33	The place of the Basques in the European Y-chromosome diversity landscape. *European Journal of Human Genetics*, **2005**, 13, 1293-302	5.3	68

32	Mitochondrial DNA diversity in 17th-18th century remains from Tenerife (Canary Islands). *American Journal of Physical Anthropology*, **2005**, 127, 418-26	2.5	26
31	The Alu insertion in the CLCN5 gene of a patient with Dent's disease leads to exon 11 skipping. *Journal of Human Genetics*, **2005**, 50, 370-374	4.3	25
30	Isolates in a corridor of migrations: a high-resolution analysis of Y-chromosome variation in Jordan. *Journal of Human Genetics*, **2005**, 50, 435-441	4.3	26
29	Ancient mtDNA analysis and the origin of the Guanches. *European Journal of Human Genetics*, **2004**, 12, 155-62	5.3	92
28	Reduced genetic structure of the Iberian peninsula revealed by Y-chromosome analysis: implications for population demography. *European Journal of Human Genetics*, **2004**, 12, 855-63	5.3	71
27	Cell signalling-mediating insulin increase of mRNA expression for cationic amino acid transporters-1 and -2 and membrane hyperpolarization in human umbilical vein endothelial cells. *Pflugers Archiv European Journal of Physiology*, **2004**, 448, 383-94	4.6	35
26	A tale of aborigines, conquerors and slaves: Alu insertion polymorphisms and the peopling of Canary Islands. *Annals of Human Genetics*, **2004**, 68, 600-5	2.2	45
25	Bench-to-bedside review: understanding genetic predisposition to sepsis. *Critical Care*, **2004**, 8, 180-9	10.8	63
24	Rapid stimulation of L-arginine transport by D-glucose involves p42/44(mapk) and nitric oxide in human umbilical vein endothelium. *Circulation Research*, **2003**, 92, 64-72	15.7	48
23	Positive end-expiratory pressure modulates local and systemic inflammatory responses in a sepsis-induced lung injury model. *Intensive Care Medicine*, **2003**, 29, 1345-53	14.5	58
22	Mitochondrial DNA affinities at the Atlantic fringe of Europe. *American Journal of Physical Anthropology*, **2003**, 120, 391-404	2.5	64
21	A predominant European ancestry of paternal lineages from Canary Islanders. *Annals of Human Genetics*, **2003**, 67, 138-52	2.2	61
20	Y chromosome and mitochondrial DNA characterization of Pasiegos, a human isolate from Cantabria (Spain). *Annals of Human Genetics*, **2003**, 67, 329-39	2.2	43
19	Mitochondrial DNA transit between West Asia and North Africa inferred from U6 phylogeography. *BMC Genetics*, **2003**, 4, 15	2.6	73
18	Tachykinins and tachykinin receptors in human uterus. *British Journal of Pharmacology*, **2003**, 139, 523-32	8.6	64
17	Inhibition of nitrobenzylthioinosine-sensitive adenosine transport by elevated D-glucose involves activation of P2Y2 purinoceptors in human umbilical vein endothelial cells. *Circulation Research*, **2002**, 90, 570-7	15.7	54
16	The Origin of the Canary Island Aborigines and Their Contribution to the Modern Population: A Molecular Genetics Perspective. *Current Anthropology*, **2001**, 42, 749-755	2.1	21
15	Mitochondrial DNA characterisation of European isolates: the Maragatos from Spain. *European Journal of Human Genetics*, **2001**, 9, 708-16	5.3	51

14	Modulation of adenosine transport by insulin in human umbilical artery smooth muscle cells from normal or gestational diabetic pregnancies. *Journal of Physiology*, **2001**, 534, 243-54	3.9	21
13	Major genomic mitochondrial lineages delineate early human expansions. *BMC Genetics*, **2001**, 2, 13	2.6	260
12	The peopling of the Canary Islands: a CD4/Alu microsatellite haplotype perspective. *Human Immunology*, **2001**, 62, 949-53	2.3	13
11	Northwest African distribution of the CD4/Alu microsatellite haplotypes. *Annals of Human Genetics*, **2000**, 64, 321-327	2.2	27
10	Regulation of adenosine transport by D-glucose in human fetal endothelial cells: involvement of nitric oxide, protein kinase C and mitogen-activated protein kinase. *Journal of Physiology*, **2000**, 529 Pt 3, 777-90	3.9	34
9	Genetic Affinities Among Human Populations Inhabiting the Subsaharan Area, Northwest Africa, and the Iberian Peninsula **2000**, 33-50		12
8	Northwest African distribution of the CD4/Alu microsatellite haplotypes. *Annals of Human Genetics*, **2000**, 64, 321-7	2.2	7
7	About the "Pathological" role of the mtDNA T3308C mutationellipsis. *American Journal of Human Genetics*, **1999**, 65, 1457-9	11	26
6	Sensitivity of different RT-qPCR solutions for SARS-CoV-2 detection		2
5	Fast SARS-CoV-2 detection by RT-qPCR in preheated nasopharyngeal swab samples		5
4	NanoCLUST: a species-level analysis of 16S rRNA nanopore sequencing data		3
3	precisionFDA Truth Challenge V2: Calling variants from short- and long-reads in difficult-to-map regions		25
2	Towards a Comprehensive Variation Benchmark for Challenging Medically-Relevant Autosomal Genes		8
1	Genome-wide association study across five cohorts identifies five novel loci associated with idiopathic pulmonary fibrosis		0