

Carlos Flores

List of Publications by Citations

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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.

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	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. <i>Science</i> , 2020 , 370,	33.3	1090
156	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. <i>Science</i> , 2020 , 370,	33.3	994
155	Genetic variants associated with idiopathic pulmonary fibrosis susceptibility and mortality: a genome-wide association study. <i>Lancet Respiratory Medicine</i> , 2013 , 1, 309-317	35.1	341
154	Major genomic mitochondrial lineages delineate early human expansions. <i>BMC Genetics</i> , 2001 , 2, 13	2.6	260
153	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases: A Mendelian Randomization Study. <i>JAMA Oncology</i> , 2017 , 3, 636-651	13.4	236
152	Genetic variants associated with susceptibility to idiopathic pulmonary fibrosis in people of European ancestry: a genome-wide association study. <i>Lancet Respiratory Medicine</i> , 2017 , 5, 869-880	35.1	142
151	Gene flow from North Africa contributes to differential human genetic diversity in southern Europe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 11791-11796	11.5	137
150	Variation in the myosin light chain kinase gene is associated with development of acute lung injury after major trauma. <i>Critical Care Medicine</i> , 2008 , 36, 2794-800	1.4	97
149	Ancient mtDNA analysis and the origin of the Guanches. <i>European Journal of Human Genetics</i> , 2004 , 12, 155-62	5.3	92
148	Genome-Wide Association Study of Susceptibility to Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 564-574	10.2	81
147	Macrophage migration inhibitory factor in acute lung injury: expression, biomarker, and associations. <i>Translational Research</i> , 2007 , 150, 18-29	11	76
146	Mitochondrial DNA transit between West Asia and North Africa inferred from U6 phylogeography. <i>BMC Genetics</i> , 2003 , 4, 15	2.6	73
145	Reduced genetic structure of the Iberian peninsula revealed by Y-chromosome analysis: implications for population demography. <i>European Journal of Human Genetics</i> , 2004 , 12, 855-63	5.3	71
144	The place of the Basques in the European Y-chromosome diversity landscape. <i>European Journal of Human Genetics</i> , 2005 , 13, 1293-302	5.3	68
143	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. <i>Science Immunology</i> , 2021 , 6,	28	67
142	Mitochondrial DNA affinities at the Atlantic fringe of Europe. <i>American Journal of Physical Anthropology</i> , 2003 , 120, 391-404	2.5	64
141	Tachykinins and tachykinin receptors in human uterus. <i>British Journal of Pharmacology</i> , 2003 , 139, 523-33	3.6	64

140	Bench-to-bedside review: understanding genetic predisposition to sepsis. <i>Critical Care</i> , 2004 , 8, 180-9	10.8	63
139	A predominant European ancestry of paternal lineages from Canary Islanders. <i>Annals of Human Genetics</i> , 2003 , 67, 138-52	2.2	61
138	Positive end-expiratory pressure modulates local and systemic inflammatory responses in a sepsis-induced lung injury model. <i>Intensive Care Medicine</i> , 2003 , 29, 1345-53	14.5	58
137	Biomarkers for the acute respiratory distress syndrome: how to make the diagnosis more precise. <i>Annals of Translational Medicine</i> , 2017 , 5, 283	3.2	57
136	A variant of the myosin light chain kinase gene is associated with severe asthma in African Americans. <i>Genetic Epidemiology</i> , 2007 , 31, 296-305	2.6	56
135	Activation of the Wnt/ β -catenin signaling pathway by mechanical ventilation is associated with ventilator-induced pulmonary fibrosis in healthy lungs. <i>PLoS ONE</i> , 2011 , 6, e23914	3.7	56
134	Inhibition of nitrobenzylthioinosine-sensitive adenosine transport by elevated D-glucose involves activation of P2Y2 purinoceptors in human umbilical vein endothelial cells. <i>Circulation Research</i> , 2002 , 90, 570-7	15.7	54
133	The epithelial sodium channel β -subunit: new notes for an old song. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 303, F328-38	4.3	53
132	Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. <i>Nature Genetics</i> , 2018 , 50, 1072-1080	36.3	52
131	Injurious mechanical ventilation affects neuronal activation in ventilated rats. <i>Critical Care</i> , 2011 , 15, R124	10.8	52
130	Mitochondrial DNA characterisation of European isolates: the Maragatos from Spain. <i>European Journal of Human Genetics</i> , 2001 , 9, 708-16	5.3	51
129	African ancestry is associated with asthma risk in African Americans. <i>PLoS ONE</i> , 2012 , 7, e26807	3.7	50
128	Type 2 deiodinase and host responses of sepsis and acute lung injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011 , 45, 1203-11	5.7	50
127	IL6 gene-wide haplotype is associated with susceptibility to acute lung injury. <i>Translational Research</i> , 2008 , 152, 11-7	11	49
126	Rapid stimulation of L-arginine transport by D-glucose involves p42/44(mapk) and nitric oxide in human umbilical vein endothelium. <i>Circulation Research</i> , 2003 , 92, 64-72	15.7	48
125	Serum lipopolysaccharide binding protein levels predict severity of lung injury and mortality in patients with severe sepsis. <i>PLoS ONE</i> , 2009 , 4, e6818	3.7	46
124	A tale of aborigines, conquerors and slaves: Alu insertion polymorphisms and the peopling of Canary Islands. <i>Annals of Human Genetics</i> , 2004 , 68, 600-5	2.2	45
123	Fast SARS-CoV-2 detection by RT-qPCR in preheated nasopharyngeal swab samples. <i>International Journal of Infectious Diseases</i> , 2020 , 97, 66-68	10.5	44

122	Genetic variants of the arachidonic acid pathway in non-steroidal anti-inflammatory drug-induced acute urticaria. <i>Clinical and Experimental Allergy</i> , 2012 , 42, 1772-81	4.1	43
121	Y chromosome and mitochondrial DNA characterization of Pasiegos, a human isolate from Cantabria (Spain). <i>Annals of Human Genetics</i> , 2003 , 67, 329-39	2.2	43
120	Mechanical ventilation modulates Toll-like receptor signaling pathway in a sepsis-induced lung injury model. <i>Intensive Care Medicine</i> , 2010 , 36, 1049-57	14.5	40
119	Early activation of pro-fibrotic WNT5A in sepsis-induced acute lung injury. <i>Critical Care</i> , 2014 , 18, 568	10.8	38
118	An alternative method of acute lung injury classification for use in observational studies. <i>Chest</i> , 2010 , 138, 1054-61	5.3	38
117	WNT/ β -catenin signaling is modulated by mechanical ventilation in an experimental model of acute lung injury. <i>Intensive Care Medicine</i> , 2011 , 37, 1201-9	14.5	37
116	Functional variants of the sphingosine-1-phosphate receptor 1 gene associate with asthma susceptibility. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 126, 241-9, 249.e1-3	11.5	37
115	Common variants of TLR1 associate with organ dysfunction and sustained pro-inflammatory responses during sepsis. <i>PLoS ONE</i> , 2010 , 5, e13759	3.7	37
114	Genomic Predictors of Asthma Phenotypes and Treatment Response. <i>Frontiers in Pediatrics</i> , 2019 , 7, 6	3.4	36
113	Functional promoter variants in sphingosine 1-phosphate receptor 3 associate with susceptibility to sepsis-associated acute respiratory distress syndrome. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013 , 305, L467-77	5.8	36
112	Angiotensin-converting enzyme insertion/deletion polymorphism is not associated with susceptibility and outcome in sepsis and acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2008 , 34, 488-95	14.5	36
111	Use of consomic rats for genomic insights into ventilator-associated lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007 , 293, L292-302	5.8	36
110	A quality assessment of genetic association studies supporting susceptibility and outcome in acute lung injury. <i>Critical Care</i> , 2008 , 12, R130	10.8	35
109	Cell signalling-mediated insulin increase of mRNA expression for cationic amino acid transporters-1 and -2 and membrane hyperpolarization in human umbilical vein endothelial cells. <i>Pflügers Archiv European Journal of Physiology</i> , 2004 , 448, 383-94	4.6	35
108	Regulation of adenosine transport by D-glucose in human fetal endothelial cells: involvement of nitric oxide, protein kinase C and mitogen-activated protein kinase. <i>Journal of Physiology</i> , 2000 , 529 Pt 3, 777-90	3.9	34
107	Mechanical ventilation modulates TLR4 and IRAK-3 in a non-infectious, ventilator-induced lung injury model. <i>Respiratory Research</i> , 2010 , 11, 27	7.3	33
106	Genome-wide association study of inhaled corticosteroid response in admixed children with asthma. <i>Clinical and Experimental Allergy</i> , 2019 , 49, 789-798	4.1	32
105	Experimental ventilator-induced lung injury: exacerbation by positive end-expiratory pressure. <i>Anesthesiology</i> , 2009 , 110, 1341-7	4.3	32

104	The NAMPT promoter is regulated by mechanical stress, signal transducer and activator of transcription 5, and acute respiratory distress syndrome-associated genetic variants. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014 , 51, 660-7	5.7	31
103	Northwest African distribution of the CD4/Alu microsatellite haplotypes. <i>Annals of Human Genetics</i> , 2000 , 64, 321-327	2.2	27
102	Sensitivity of different RT-qPCR solutions for SARS-CoV-2 detection. <i>International Journal of Infectious Diseases</i> , 2020 , 99, 190-192	10.5	27
101	Mitochondrial DNA diversity in 17th-18th century remains from Tenerife (Canary Islands). <i>American Journal of Physical Anthropology</i> , 2005 , 127, 418-26	2.5	26
100	Isolates in a corridor of migrations: a high-resolution analysis of Y-chromosome variation in Jordan. <i>Journal of Human Genetics</i> , 2005 , 50, 435-441	4.3	26
99	About the "Pathological" role of the mtDNA T3308C mutation ellipsis. <i>American Journal of Human Genetics</i> , 1999 , 65, 1457-9	11	26
98	The Alu insertion in the CLCN5 gene of a patient with Dent's disease leads to exon 11 skipping. <i>Journal of Human Genetics</i> , 2005 , 50, 370-374	4.3	25
97	precisionFDA Truth Challenge V2: Calling variants from short- and long-reads in difficult-to-map regions		25
96	Identification of a novel locus associated with skin colour in African-admixed populations. <i>Scientific Reports</i> , 2017 , 7, 44548	4.9	24
95	Mitogenomes illuminate the origin and migration patterns of the indigenous people of the Canary Islands. <i>PLoS ONE</i> , 2019 , 14, e0209125	3.7	24
94	Simultaneous purifying selection on the ancestral MC1R allele and positive selection on the melanoma-risk allele V60L in south Europeans. <i>Molecular Biology and Evolution</i> , 2013 , 30, 2654-65	8.3	24
93	Interleukin-1 receptor-associated kinase 3 gene associates with susceptibility to acute lung injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011 , 45, 740-5	5.7	23
92	Human genetic and immunological determinants of critical COVID-19 pneumonia. <i>Nature</i> , 2022 ,	50.4	23
91	Nanopore sequencing and its application to the study of microbial communities. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 1497-1511	6.8	23
90	Rationale and design of the multiethnic Pharmacogenomics in Childhood Asthma consortium. <i>Pharmacogenomics</i> , 2017 , 18, 931-943	2.6	22
89	Mitochondrial DNA variation in Jordanians and their genetic relationship to other Middle East populations. <i>Annals of Human Biology</i> , 2008 , 35, 212-31	1.7	22
88	North African influences and potential bias in case-control association studies in the Spanish population. <i>PLoS ONE</i> , 2011 , 6, e18389	3.7	22
87	Bradykinin-Mediated Angioedema: An Update of the Genetic Causes and the Impact of Genomics. <i>Frontiers in Genetics</i> , 2019 , 10, 900	4.5	21

86	A CXCL2 tandem repeat promoter polymorphism is associated with susceptibility to severe sepsis in the Spanish population. <i>Genes and Immunity</i> , 2006 , 7, 141-9	4.4	21
85	The Origin of the Canary Island Aborigines and Their Contribution to the Modern Population: A Molecular Genetics Perspective. <i>Current Anthropology</i> , 2001 , 42, 749-755	2.1	21
84	Modulation of adenosine transport by insulin in human umbilical artery smooth muscle cells from normal or gestational diabetic pregnancies. <i>Journal of Physiology</i> , 2001 , 534, 243-54	3.9	21
83	A pathway-based association study reveals variants from Wnt signalling genes contributing to asthma susceptibility. <i>Clinical and Experimental Allergy</i> , 2017 , 47, 618-626	4.1	20
82	A common haplotype of the LBP gene predisposes to severe sepsis *. <i>Critical Care Medicine</i> , 2009 , 37, 2759-2766	1.4	20
81	A CXCL2 polymorphism is associated with better outcomes in patients with severe sepsis. <i>Critical Care Medicine</i> , 2007 , 35, 2292-7	1.4	20
80	Altered Profile of Circulating Endothelial-Derived Microparticles in Ventilator-Induced Lung Injury. <i>Critical Care Medicine</i> , 2015 , 43, e551-9	1.4	19
79	IL-1 receptor-associated kinase 3 gene (IRAK3) variants associate with asthma in a replication study in the Spanish population. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 129, 573-5, 575.e1-10	11.5	19
78	A common haplotype of the LBP gene predisposes to severe sepsis. <i>Critical Care Medicine</i> , 2009 , 37, 2759-66	1.4	19
77	Early physiological and biological features in three animal models of induced acute lung injury. <i>Intensive Care Medicine</i> , 2010 , 36, 347-55	14.5	19
76	An intronic MYLK variant associated with inflammatory lung disease regulates promoter activity of the smooth muscle myosin light chain kinase isoform. <i>Journal of Molecular Medicine</i> , 2012 , 90, 299-308	5.5	18
75	Lung Transcriptomics during Protective Ventilatory Support in Sepsis-Induced Acute Lung Injury. <i>PLoS ONE</i> , 2015 , 10, e0132296	3.7	18
74	Variants of CEP68 gene are associated with acute urticaria/angioedema induced by multiple non-steroidal anti-inflammatory drugs. <i>PLoS ONE</i> , 2014 , 9, e90966	3.7	17
73	Increasing SARS-CoV-2 RT-qPCR testing capacity by sample pooling. <i>International Journal of Infectious Diseases</i> , 2021 , 103, 19-22	10.5	17
72	Assessing the quality of studies supporting genetic susceptibility and outcomes of ARDS. <i>Frontiers in Genetics</i> , 2014 , 5, 20	4.5	16
71	Association of common variants, not rare mutations, in IRF6 with nonsyndromic clefts in a Honduran population. <i>Laryngoscope</i> , 2011 , 121, 1756-9	3.6	15
70	NanoCLUST: a species-level analysis of 16S rRNA nanopore sequencing data. <i>Bioinformatics</i> , 2021 , 37, 1600-1601	7.2	15
69	Genome-wide association study in Spanish identifies ADAM metallopeptidase with thrombospondin type 1 motif, 9 (ADAMTS9), as a novel asthma susceptibility gene. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 964-6	11.5	15

68	Novel idiopathic pulmonary fibrosis susceptibility variants revealed by deep sequencing. <i>ERJ Open Research</i> , 2019 , 5,	3.5	14
67	What Ancestry Can Tell Us About the Genetic Origins of Inter-Ethnic Differences in Asthma Expression. <i>Current Allergy and Asthma Reports</i> , 2016 , 16, 53	5.6	14
66	Genomics and the Acute Respiratory Distress Syndrome: Current and Future Directions. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	14
65	Common variants of NFE2L2 gene predisposes to acute respiratory distress syndrome in patients with severe sepsis. <i>Critical Care</i> , 2015 , 19, 256	10.8	13
64	A common cortactin gene variation confers differential susceptibility to severe asthma. <i>Genetic Epidemiology</i> , 2008 , 32, 757-66	2.6	13
63	Genomics of acute lung injury. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2006 , 27, 389-95	3.9	13
62	The peopling of the Canary Islands: a CD4/Alu microsatellite haplotype perspective. <i>Human Immunology</i> , 2001 , 62, 949-53	2.3	13
61	The interplay between natural selection and susceptibility to melanoma on allele 374F of SLC45A2 gene in a South European population. <i>PLoS ONE</i> , 2014 , 9, e104367	3.7	13
60	Copy number variation in ALOX5 and PTGER1 is associated with NSAIDs-induced urticaria and/or angioedema. <i>Pharmacogenetics and Genomics</i> , 2016 , 26, 280-7	1.9	13
59	Whole-Exome Sequencing Identifies Somatic Mutations Associated With Mortality in Metastatic Clear Cell Kidney Carcinoma. <i>Frontiers in Genetics</i> , 2019 , 10, 439	4.5	12
58	Genetic Affinities Among Human Populations Inhabiting the Sub-Saharan Area, Northwest Africa, and the Iberian Peninsula 2000 , 33-50		12
57	Curated variation benchmarks for challenging medically relevant autosomal genes.. <i>Nature Biotechnology</i> , 2022 ,	44.5	12
56	Polymorphisms in CEP68 gene associated with risk of immediate selective reactions to non-steroidal anti-inflammatory drugs. <i>Pharmacogenomics Journal</i> , 2019 , 19, 191-199	3.5	11
55	Assessing the validity of asthma associations for eight candidate genes and age at diagnosis effects. <i>PLoS ONE</i> , 2013 , 8, e73157	3.7	11
54	Genomic Analyses of Human European Diversity at the Southwestern Edge: Isolation, African Influence and Disease Associations in the Canary Islands. <i>Molecular Biology and Evolution</i> , 2018 , 35, 3010-3026	8.3	11
53	Sepsis-associated acute respiratory distress syndrome in individuals of European ancestry: a genome-wide association study. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 258-266	35.1	10
52	Role of genomics in asthma exacerbations. <i>Current Opinion in Pulmonary Medicine</i> , 2019 , 25, 101-112	3	10
51	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. <i>Journal of Human Genetics</i> , 2007 , 52, 255-261	4.3	10

50	IonGAP: integrative bacterial genome analysis for Ion Torrent sequence data. <i>Bioinformatics</i> , 2015 , 31, 2870-3	7.2	9
49	GADD45a promoter regulation by a functional genetic variant associated with acute lung injury. <i>PLoS ONE</i> , 2014 , 9, e100169	3.7	9
48	The association between interferon regulatory factor 6 (IRF6) and nonsyndromic cleft lip with or without cleft palate in a Honduran population. <i>Laryngoscope</i> , 2009 , 119, 1759-64	3.6	9
47	Towards a Comprehensive Variation Benchmark for Challenging Medically-Relevant Autosomal Genes		8
46	Genetic Variants of Thymic Stromal Lymphopoietin in Nonsteroidal Anti-Inflammatory Drug-Induced Urticaria/Angioedema. <i>International Archives of Allergy and Immunology</i> , 2016 , 169, 249-55	3.7	7
45	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. <i>Frontiers in Immunology</i> , 2018 , 9, 242	8.4	7
44	Bacterial salivary microbiome associates with asthma among african american children and young adults. <i>Pediatric Pulmonology</i> , 2019 , 54, 1948-1956	3.5	7
43	Soluble platelet-endothelial cell adhesion molecule-1, a biomarker of ventilator-induced lung injury. <i>Critical Care</i> , 2014 , 18, R41	10.8	7
42	Fine mapping of the myosin light chain kinase (MYLK) gene replicates the association with asthma in populations of Spanish descent. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 136, 1116-8.e9	11.5	7
41	A vascular endothelial growth factor receptor gene variant is associated with susceptibility to acute respiratory distress syndrome. <i>Intensive Care Medicine Experimental</i> , 2018 , 6, 16	3.7	7
40	Northwest African distribution of the CD4/Alu microsatellite haplotypes. <i>Annals of Human Genetics</i> , 2000 , 64, 321-7	2.2	7
39	Streptococcal group B integrative and mobilizable element IMESag-rpsI encodes a functional relaxase involved in its transfer. <i>Open Biology</i> , 2016 , 6,	7	6
38	Genetic determinants of survival in sepsis and acute lung injury. <i>Minerva Anestesiologica</i> , 2008 , 74, 341-51.	5.9	6
37	Pharmacogenomic associations of adverse drug reactions in asthma: systematic review and research prioritisation. <i>Pharmacogenomics Journal</i> , 2020 , 20, 621-628	3.5	5
36	HLA-DRB1*15:01 allele protects from asthma susceptibility. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 1201-3	11.5	5
35	Genome-wide association study of asthma exacerbations despite inhaled corticosteroid use. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	5
34	Fast SARS-CoV-2 detection by RT-qPCR in preheated nasopharyngeal swab samples		5
33	Combined analysis of transcriptomic and genetic data for the identification of loci involved in glucocorticosteroid response in asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 1238-1243	9.3	5

32	Admixture mapping of asthma in southwestern Europeans with North African ancestry influences. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020 , 318, L965-L975	5.8	4
31	Host genetics shapes adult sepsis survival. <i>Lancet Respiratory Medicine</i> , 2015 , 3, 7-8	35.1	4
30	The D84E variant of the alpha-MSH receptor 1 gene is associated with cutaneous malignant melanoma early onset. <i>Journal of Dermatological Science</i> , 2008 , 52, 186-92	4.3	4
29	Evaluation of Whole-Exome Enrichment Solutions: Lessons from the High-End of the Short-Read Sequencing Scale. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	4
28	Could lung bacterial dysbiosis predict ICU mortality in patients with extra-pulmonary sepsis? A proof-of-concept study. <i>Intensive Care Medicine</i> , 2020 , 46, 2118-2120	14.5	4
27	Proportion of Idiopathic Pulmonary Fibrosis Risk Explained by Known Common Genetic Loci in European Populations. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 775-778	10.2	4
26	PrecisionFDA Truth Challenge V2: Calling variants from short and long reads in difficult-to-map regions. <i>Cell Genomics</i> , 2022 , 2, 100129		4
25	The road to precision medicine in sepsis: blood transcriptome endotypes. <i>Lancet Respiratory Medicine</i> , 2017 , 5, 767-768	35.1	3
24	NanoCLUST: a species-level analysis of 16S rRNA nanopore sequencing data		3
23	Monitoring the rise of the SARS-CoV-2 lineage B.1.1.7 in Tenerife (Spain) since mid-December 2020. <i>Journal of Infection</i> , 2021 , 82, e1-e3	18.9	3
22	NanoDJ: a Dockerized Jupyter notebook for interactive Oxford Nanopore MinION sequence manipulation and genome assembly. <i>BMC Bioinformatics</i> , 2019 , 20, 234	3.6	2
21	Polymorphisms of interleukin-6 and tumor necrosis factor gene promoters and cardiorespiratory function following liver transplantation: a preliminary study. <i>Transplantation Proceedings</i> , 2009 , 41, 1062-1064		2
20	Interactive Web-Based Resource for Annotation of Genetic Variants Causing Hereditary Angioedema (HADA): Database Development, Implementation, and Validation. <i>Journal of Medical Internet Research</i> , 2020 , 22, e19040	7.6	2
19	Sensitivity of different RT-qPCR solutions for SARS-CoV-2 detection		2
18	Genetic Ancestry Inference and Its Application for the Genetic Mapping of Human Diseases. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
17	Genetics of Acute Respiratory Distress Syndrome 2016 , 1-9		2
16	Whole-Blood Mitochondrial DNA Copies Are Associated With the Prognosis of Acute Respiratory Distress Syndrome After Sepsis. <i>Frontiers in Immunology</i> , 2021 , 12, 737369	8.4	2
15	No association between genetic ancestry and susceptibility to asthma or atopy in Canary Islanders. <i>Immunogenetics</i> , 2012 , 64, 705-11	3.2	1

14	Identification of as a Potential Locus Associated with Inhaled Corticosteroid Response in Childhood Asthma. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	1
13	Longitudinal study of a SARS-CoV-2 infection in an immunocompromised patient with X-linked agammaglobulinemia. <i>Journal of Infection</i> , 2021 , 83, 607-635	18.9	1
12	Admixture mapping analysis reveals differential genetic ancestry associated with Chagas disease susceptibility in the Colombian population. <i>Human Molecular Genetics</i> , 2021 , 30, 2503-2512	5.6	1
11	Lung Transplant Improves Survival and Quality of Life Regardless of Telomere Dysfunction. <i>Frontiers in Medicine</i> , 2021 , 8, 695919	4.9	1
10	Genomic Insights Into Sepsis Course Using Whole Exome Sequencing. <i>EBioMedicine</i> , 2016 , 12, 18-19	8.8	1
9	Transactive Response DNA-Binding Protein (TARDBP/TDP-43) Regulates Cell Permissivity to HIV-1 Infection by Acting on HDAC6. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 6180	6.3	1
8	A benchmarking of human mitochondrial DNA haplogroup classifiers from whole-genome and whole-exome sequence data. <i>Scientific Reports</i> , 2021 , 11, 20510	4.9	0
7	Targeted analysis of genomic regions enriched in African ancestry reveals novel classical HLA alleles associated with asthma in Southwestern Europeans. <i>Scientific Reports</i> , 2021 , 11, 23686	4.9	0
6	Genome-wide association study across five cohorts identifies five novel loci associated with idiopathic pulmonary fibrosis		0
5	Association of the Delta SARS-CoV-2 variant with 28-day hospital mortality between December 2020 and September 2021.. <i>Journal of Infection</i> , 2022 ,	18.9	0
4	ACE insertion/deletion polymorphism in sepsis and acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2008 , 34, 1732-1732	14.5	
3	Decoding the pharmacogenetics of nonsteroidal anti-inflammatory drug hypersensitivity. <i>British Journal of Dermatology</i> , 2021 , 185, 697-698	4	
2	Complete mitogenome in a population sample from Cameroon. <i>Forensic Science International: Genetics</i> , 2021 , 55, 102597	4.3	
1	Admixture Mapping of Sepsis in European Individuals With African Ancestries.. <i>Frontiers in Medicine</i> , 2022 , 9, 754440	4.9	