

Nicole L Washington

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.

34
papers

3,782
citations

22
h-index

36
g-index

36
ext. papers

4,884
ext. citations

15.9
avg, IF

4.16
L-index

#	Paper	IF	Citations
34	SARS-CoV-2 variant Delta rapidly displaced variant Alpha in the United States and led to higher viral loads.. <i>Cell Reports Medicine</i> , 2022 , 3, 100564	18	6
33	Emergence and rapid transmission of SARS-CoV-2 B.1.1.7 in the United States. <i>Cell</i> , 2021 , 184, 2587-2594	46.7	132
32	Comprehensive Allele Genotyping in Critical Pharmacogenes Reduces Residual Clinical Risk in Diverse Populations. <i>Clinical Pharmacology and Therapeutics</i> , 2021 , 110, 759-767	6.1	0
31	Genomic epidemiology identifies emergence and rapid transmission of SARS-CoV-2 B.1.1.7 in the United States 2021 ,		44
30	Using symptom-based case predictions to identify host genetic factors that contribute to COVID-19 susceptibility. <i>PLoS ONE</i> , 2021 , 16, e0255402	3.7	3
29	Positive predictive value highlights four novel candidates for actionable genetic screening from analysis of 220,000 clinicogenomic records. <i>Genetics in Medicine</i> , 2021 , 23, 2300-2308	8.1	1
28	Genome-wide rare variant analysis for thousands of phenotypes in over 70,000 exomes from two cohorts. <i>Nature Communications</i> , 2020 , 11, 542	17.4	47
27	Pathogenic variants in actionable MODY genes are associated with type 2 diabetes. <i>Nature Metabolism</i> , 2020 , 2, 1126-1134	14.6	9
26	Population genetic screening efficiently identifies carriers of autosomal dominant diseases. <i>Nature Medicine</i> , 2020 , 26, 1235-1239	50.5	47
25	Genetic counseling, 2030: An on-demand service tailored to the needs of a price conscious, genetically literate, and busy world. <i>Journal of Genetic Counseling</i> , 2019 , 28, 456-465	2.5	9
24	A Whole-Genome Analysis Framework for Effective Identification of Pathogenic Regulatory Variants in Mendelian Disease. <i>American Journal of Human Genetics</i> , 2016 , 99, 595-606	11	136
23	Navigating the Phenotype Frontier: The Monarch Initiative. <i>Genetics</i> , 2016 , 203, 1491-5	4	40
22	Computational evaluation of exome sequence data using human and model organism phenotypes improves diagnostic efficiency. <i>Genetics in Medicine</i> , 2016 , 18, 608-17	8.1	69
21	The Human Phenotype Ontology: Semantic Unification of Common and Rare Disease. <i>American Journal of Human Genetics</i> , 2015 , 97, 111-24	11	147
20	The Matchmaker Exchange: a platform for rare disease gene discovery. <i>Human Mutation</i> , 2015 , 36, 915-21	17	280
19	PhenomeCentral: a portal for phenotypic and genotypic matchmaking of patients with rare genetic diseases. <i>Human Mutation</i> , 2015 , 36, 931-40	4.7	91
18	Use of model organism and disease databases to support matchmaking for human disease gene discovery. <i>Human Mutation</i> , 2015 , 36, 979-84	4.7	30

17	Next-generation diagnostics and disease-gene discovery with the Exomiser. <i>Nature Protocols</i> , 2015 , 10, 2004-15	18.8	159
16	Improved exome prioritization of disease genes through cross-species phenotype comparison. <i>Genome Research</i> , 2014 , 24, 340-8	9.7	219
15	Deletions of chromosomal regulatory boundaries are associated with congenital disease. <i>Genome Biology</i> , 2014 , 15, 423	18.3	108
14	modMine: flexible access to modENCODE data. <i>Nucleic Acids Research</i> , 2012 , 40, D1082-8	20.1	104
13	The modENCODE Data Coordination Center: lessons in harvesting comprehensive experimental details. <i>Database: the Journal of Biological Databases and Curation</i> , 2011 , 2011, bar023	5	27
12	Integrative analysis of the <i>Caenorhabditis elegans</i> genome by the modENCODE project. <i>Science</i> , 2010 , 330, 1775-87	33.3	744
11	Identification of functional elements and regulatory circuits by <i>Drosophila</i> modENCODE. <i>Science</i> , 2010 , 330, 1787-97	33.3	892
10	Linking human diseases to animal models using ontology-based phenotype annotation. <i>PLoS Biology</i> , 2009 , 7, e1000247	9.7	209
9	FER-1 regulates Ca ²⁺ -mediated membrane fusion during <i>C. elegans</i> spermatogenesis. <i>Journal of Cell Science</i> , 2006 , 119, 2552-62	5.3	110
8	HLA-A*03:01 is associated with increased risk of fever, chills, and more severe reaction to Pfizer-BioNTech COVID-19 vaccination		1
7	Revealing variants in SARS-CoV-2 interaction domain of ACE2 and loss of function intolerance through analysis of >200,000 exomes		4
6	Using symptom-based case predictions to identify host genetic factors that contribute to COVID-19 susceptibility		
5	Long-term COVID-19 symptoms in a large unselected population		53
4	S gene dropout patterns in SARS-CoV-2 tests suggest spread of the H69del/V70del mutation in the US		15
3	Population Health Genetic Screening for Tier 1 Inherited Diseases in Northern Nevada: 90% of At-Risk Carriers are Missed		5
2	SARS-CoV-2 variant Delta rapidly displaced variant Alpha in the United States and led to higher viral loads		27
1	Evidence for SARS-CoV-2 Delta and Omicron co-infections and recombination		5