

Julie G Hussin

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.

29
papers

927
citations

15
h-index

30
g-index

46
ext. papers

1,155
ext. citations

10.8
avg, IF

3.25
L-index

#	Paper	IF	Citations
29	Mutations in centrosomal protein CEP152 in primary microcephaly families linked to MCPH4. <i>American Journal of Human Genetics</i> , 2010 , 87, 40-51	11	163
28	Re-engineering the zinc fingers of PRDM9 reverses hybrid sterility in mice. <i>Nature</i> , 2016 , 530, 171-176	50.4	135
27	Rare copy number variants contribute to congenital left-sided heart disease. <i>PLoS Genetics</i> , 2012 , 8, e1002903	10.2	102
26	A population genetic approach to mapping neurological disorder genes using deep resequencing. <i>PLoS Genetics</i> , 2011 , 7, e1001318	6	72
25	Recombination affects accumulation of damaging and disease-associated mutations in human populations. <i>Nature Genetics</i> , 2015 , 47, 400-4	36.3	63
24	Whole-exome sequencing reveals a rapid change in the frequency of rare functional variants in a founding population of humans. <i>PLoS Genetics</i> , 2013 , 9, e1003815	6	52
23	Plasmodium falciparum genetic diversity maintained and amplified over 5 years of a low transmission endemic in the Peruvian Amazon. <i>Molecular Biology and Evolution</i> , 2011 , 28, 1973-86	8.3	44
22	Rare allelic forms of PRDM9 associated with childhood leukemogenesis. <i>Genome Research</i> , 2013 , 23, 419-30	9.7	37
21	Age-dependent recombination rates in human pedigrees. <i>PLoS Genetics</i> , 2011 , 7, e1002251	6	37
20	Multicohort analysis of the maternal age effect on recombination. <i>Nature Communications</i> , 2015 , 6, 7846	17.4	21
19	The impact of recombination on human mutation load and disease. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017 , 372,	5.8	16
18	SARS-CoV-2 Receptor ACE2 Gene Is Associated with Hypertension and Severity of COVID 19: Interaction with Sex, Obesity, and Smoking. <i>American Journal of Hypertension</i> , 2021 , 34, 367-376	2.3	16
17	Insights into Platypus Population Structure and History from Whole-Genome Sequencing. <i>Molecular Biology and Evolution</i> , 2018 , 35, 1238-1252	8.3	15
16	Next-generation sequencing approaches for genetic mapping of complex diseases. <i>Journal of Neuroimmunology</i> , 2012 , 248, 10-22	3.5	15
15	Haplotype allelic classes for detecting ongoing positive selection. <i>BMC Bioinformatics</i> , 2010 , 11, 65	3.6	13
14	A family-based probabilistic method for capturing de novo mutations from high-throughput short-read sequencing data. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2012 , 11,	1.2	12
13	The mutational landscape of SARS-CoV-2 variants diversifies T cell targets in an HLA-supertype-dependent manner. <i>Cell Systems</i> , 2021 ,	10.6	6

12	Polygenic risk scores predict diabetes complications and their response to intensive blood pressure and glucose control. <i>Diabetologia</i> , 2021 , 64, 2012-2025	10.3	6
11	Comparison of polygenic risk scores for heart disease highlights obstacles to overcome for clinical use		3
10	Single-cell RNA-sequencing reveals pervasive but highly cell type-specific genetic ancestry effects on the response to viral infection		3
9	ImputeCoVNet: 2D ResNet Autoencoder for Imputation of SARS-CoV-2 Sequences		3
8	Implementing Machine Learning in Interventional Cardiology: The Benefits Are Worth the Trouble.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 711401	5.4	3
7	Multiscale PHATE Exploration of SARS-CoV-2 Data Reveals Multimodal Signatures of Disease		1
6	Long-Chain Acylcarnitines and Monounsaturated Fatty Acids Discriminate Heart Failure Patients According to Pulmonary Hypertension Status. <i>Metabolites</i> , 2021 , 11,	5.6	1
5	Genetics of symptom remission in outpatients with COVID-19. <i>Scientific Reports</i> , 2021 , 11, 10847	4.9	1
4	Genomic epidemiology and associated clinical outcomes of a SARS-CoV-2 outbreak in a general adult hospital in Quebec 2021 ,		1
3	Population Genomics Approaches for Genetic Characterization of SARS-CoV-2 Lineages.. <i>Frontiers in Medicine</i> , 2022 , 9, 826746	4.9	1
2	deepSimDEF: deep neural embeddings of gene products and Gene Ontology terms for functional analysis of genes.. <i>Bioinformatics</i> , 2022 ,	7.2	1
1	Differential modulation of polyunsaturated fatty acids in patients with myocardial infarction treated with ticagrelor or clopidogrel. <i>Cell Reports Medicine</i> , 2021 , 2, 100299	18	