

# Julie G Hussin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9238054/publications.pdf>

Version: 2024-02-01

27  
papers

1,215  
citations

471061

17  
h-index

525886

27  
g-index

46  
all docs

46  
docs citations

46  
times ranked

2630  
citing authors

#	ARTICLE	IF	CITATIONS
1	Re-engineering the zinc fingers of PRDM9 reverses hybrid sterility in mice. <i>Nature</i> , 2016, 530, 171-176.	13.7	194
2	Mutations in Centrosomal Protein CEP152 in Primary Microcephaly Families Linked to MCPH4. <i>American Journal of Human Genetics</i> , 2010, 87, 40-51.	2.6	174
3	Rare Copy Number Variants Contribute to Congenital Left-Sided Heart Disease. <i>PLoS Genetics</i> , 2012, 8, e1002903.	1.5	119
4	A Population Genetic Approach to Mapping Neurological Disorder Genes Using Deep Resequencing. <i>PLoS Genetics</i> , 2011, 7, e1001318.	1.5	89
5	Recombination affects accumulation of damaging and disease-associated mutations in human populations. <i>Nature Genetics</i> , 2015, 47, 400-404.	9.4	84
6	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.	1.5	70
7	<i>Plasmodium falciparum</i> 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, 1973-1986.	3.5	50
8	Age-Dependent Recombination Rates in Human Pedigrees. <i>PLoS Genetics</i> , 2011, 7, e1002251.	1.5	48
9	Rare allelic forms of <i>PRDM9</i> associated with childhood leukemogenesis. <i>Genome Research</i> , 2013, 23, 419-430.	2.4	45
10	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.	1.0	42
11	Multiscale PHATE identifies multimodal signatures of COVID-19. <i>Nature Biotechnology</i> , 2022, 40, 681-691.	9.4	39
12	The impact of recombination on human mutation load and disease. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160465.	1.8	31
13	Multicohort analysis of the maternal age effect on recombination. <i>Nature Communications</i> , 2015, 6, 7846.	5.8	29
14	Insights into Platypus Population Structure and History from Whole-Genome Sequencing. <i>Molecular Biology and Evolution</i> , 2018, 35, 1238-1252.	3.5	27
15	Polygenic risk scores predict diabetes complications and their response to intensive blood pressure and glucose control. <i>Diabetologia</i> , 2021, 64, 2012-2025.	2.9	24
16	The mutational landscape of SARS-CoV-2 variants diversifies T cell targets in an HLA-supertype-dependent manner. <i>Cell Systems</i> , 2022, 13, 143-157.e3.	2.9	22
17	Next-generation sequencing approaches for genetic mapping of complex diseases. <i>Journal of Neuroimmunology</i> , 2012, 248, 10-22.	1.1	19
18	Haplotype allelic classes for detecting ongoing positive selection. <i>BMC Bioinformatics</i> , 2010, 11, 65.	1.2	18

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19	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, .	0.2	16
20	Implementing Machine Learning in Interventional Cardiology: The Benefits Are Worth the Trouble. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 711401.	1.1	12
21	A sex-specific evolutionary interaction between ADCY9 and CETP. <i>ELife</i> , 2021, 10, .	2.8	8
22	Genetics of symptom remission in outpatients with COVID-19. <i>Scientific Reports</i> , 2021, 11, 10847.	1.6	7
23	Population Genomics Approaches for Genetic Characterization of SARS-CoV-2 Lineages. <i>Frontiers in Medicine</i> , 2022, 9, 826746.	1.2	7
24	Long-Chain Acylcarnitines and Monounsaturated Fatty Acids Discriminate Heart Failure Patients According to Pulmonary Hypertension Status. <i>Metabolites</i> , 2021, 11, 196.	1.3	5
25	deepSimDEF: deep neural embeddings of gene products and gene ontology terms for functional analysis of genes. <i>Bioinformatics</i> , 2022, 38, 3051-3061.	1.8	4
26	Differential modulation of polyunsaturated fatty acids in patients with myocardial infarction treated with ticagrelor or clopidogrel. <i>Cell Reports Medicine</i> , 2021, 2, 100299.	3.3	2
27	Multiscale PHATE Exploration of SARS-CoV-2 Data Reveals Multimodal Signatures of Disease. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1