

Elizabeth T Cirulli

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

8,833
citations

81900

39
h-index

106344

65
g-index

78
all docs

78
docs citations

78
times ranked

19388
citing authors

#	ARTICLE	IF	CITATIONS
1	HLA-A*03:01 is associated with increased risk of fever, chills, and stronger side effects from Pfizer-BioNTech COVID-19 vaccination. <i>Human Genetics and Genomics Advances</i> , 2022, 3, 100084.	1.7	21
2	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.	6.5	61
3	Genome-Wide Identification of Rare and Common Variants Driving Triglyceride Levels in a Nevada Population. <i>Frontiers in Genetics</i> , 2021, 12, 639418.	2.3	7
4	Identifying nootropic drug targets via large-scale cognitive GWAS and transcriptomics. <i>Neuropsychopharmacology</i> , 2021, 46, 1788-1801.	5.4	12
5	Emergence and rapid transmission of SARS-CoV-2 B.1.1.7 in the United States. <i>Cell</i> , 2021, 184, 2587-2594.e7.	28.9	285
6	Using symptom-based case predictions to identify host genetic factors that contribute to COVID-19 susceptibility. <i>PLoS ONE</i> , 2021, 16, e0255402.	2.5	6
7	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.	2.4	13
8	An unsupervised learning approach to identify novel signatures of health and disease from multimodal data. <i>Genome Medicine</i> , 2020, 12, 7.	8.2	27
9	Pathogenic variants in actionable MODY genes are associated with type 2 diabetes. <i>Nature Metabolism</i> , 2020, 2, 1126-1134.	11.9	43
10	Precision medicine integrating whole-genome sequencing, comprehensive metabolomics, and advanced imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3053-3062.	7.1	85
11	Genome-wide rare variant analysis for thousands of phenotypes in over 70,000 exomes from two cohorts. <i>Nature Communications</i> , 2020, 11, 542.	12.8	101
12	Pleiotropic Meta-Analysis of Cognition, Education, and Schizophrenia Differentiates Roles of Early Neurodevelopmental and Adult Synaptic Pathways. <i>American Journal of Human Genetics</i> , 2019, 105, 334-350.	6.2	86
13	A Missense Variant in PTPN22 is a Risk Factor for Drug-induced Liver Injury. <i>Gastroenterology</i> , 2019, 156, 1707-1716.e2.	1.3	97
14	Severe and protracted cholestasis in 44 young men taking bodybuilding supplements: assessment of genetic, clinical and chemical risk factors. <i>Alimentary Pharmacology and Therapeutics</i> , 2019, 49, 1195-1204.	3.7	43
15	A new approach for rare variation collapsing on functional protein domains implicates specific genic regions in ALS. <i>Genome Research</i> , 2019, 29, 809-818.	5.5	21
16	Antimicrobials and Antiepileptics Are the Leading Causes of Idiosyncratic Drug-induced Liver Injury in American Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019, 69, 152-159.	1.8	21
17	Profound Perturbation of the Metabolome in Obesity Is Associated with Health Risk. <i>Cell Metabolism</i> , 2019, 29, 488-500.e2.	16.2	235
18	Acetaminophen (Paracetamol) Use Modifies the Sulfation of Sex Hormones. <i>EBioMedicine</i> , 2018, 28, 316-323.	6.1	28

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19	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098.	12.8	484
20	Genome-wide association meta-analysis in 269,867 individuals identifies new genetic and functional links to intelligence. <i>Nature Genetics</i> , 2018, 50, 912-919.	21.4	893
21	Multi-Trait Analysis of GWAS and Biological Insights Into Cognition: A Response to Hill (2018). <i>Twin Research and Human Genetics</i> , 2018, 21, 394-397.	0.6	3
22	The role of HLA-A*33:01 in patients with cholestatic hepatitis attributed to terbinafine. <i>Journal of Hepatology</i> , 2018, 69, 1317-1325.	3.7	32
23	GWAS meta-analysis reveals novel loci and genetic correlates for general cognitive function: a report from the COGENT consortium. <i>Molecular Psychiatry</i> , 2017, 22, 336-345.	7.9	194
24	Minocycline hepatotoxicity: Clinical characterization and identification of HLA-B*35:02 as a risk factor. <i>Journal of Hepatology</i> , 2017, 67, 137-144.	3.7	100
25	Association of Liver Injury From Specific Drugs, or Groups of Drugs, With Polymorphisms in HLA and Other Genes in a Genome-Wide Association Study. <i>Gastroenterology</i> , 2017, 152, 1078-1089.	1.3	174
26	Sensitivity of whole exome sequencing in detecting infantile- and late-onset Pompe disease. <i>Molecular Genetics and Metabolism</i> , 2017, 122, 189-197.	1.1	21
27	Large-Scale Cognitive GWAS Meta-Analysis Reveals Tissue-Specific Neural Expression and Potential Nootropic Drug Targets. <i>Cell Reports</i> , 2017, 21, 2597-2613.	6.4	103
28	Identification and Characterization of Fenofibrate-Induced Liver Injury. <i>Digestive Diseases and Sciences</i> , 2017, 62, 3596-3604.	2.3	49
29	Factors affecting pitch discrimination performance in a cohort of extensively phenotyped healthy volunteers. <i>Scientific Reports</i> , 2017, 7, 16480.	3.3	13
30	Individual Differences in Scotopic Visual Acuity and Contrast Sensitivity: Genetic and Non-Genetic Influences. <i>PLoS ONE</i> , 2016, 11, e0148192.	2.5	17
31	Functional Genomic Analyses of Mendelian and Sporadic Disease Identify Impaired eIF2 \pm Signaling as a Generalizable Mechanism for Dystonia. <i>Neuron</i> , 2016, 92, 1238-1251.	8.1	68
32	The Increasing Importance of Gene-Based Analyses. <i>PLoS Genetics</i> , 2016, 12, e1005852.	3.5	13
33	Analysis of Genetic and Non-Genetic Factors Influencing Timing and Time Perception. <i>PLoS ONE</i> , 2015, 10, e0143873.	2.5	36
34	Systematic assessment of imputation performance using the 1000 Genomes reference panels. <i>Briefings in Bioinformatics</i> , 2015, 16, 549-562.	6.5	23
35	Exome sequencing in amyotrophic lateral sclerosis identifies risk genes and pathways. <i>Science</i> , 2015, 347, 1436-1441.	12.6	823
36	Individual Variation in Contagious Yawning Susceptibility Is Highly Stable and Largely Unexplained by Empathy or Other Known Factors. <i>PLoS ONE</i> , 2014, 9, e91773.	2.5	41

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37	A comparison of the Cambridge Automated Neuropsychological Test Battery (CANTAB) with a€œtraditionala€œ neuropsychological testing instruments. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2013, 35, 319-328.	1.3	117
38	Position effect on <i>FGF13</i> associated with X-linked congenital generalized hypertrichosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7790-7795.	7.1	53
39	Exome Sequencing Followed by Large-Scale Genotyping Suggests a Limited Role for Moderately Rare Risk Factors of Strong Effect in Schizophrenia. <i>American Journal of Human Genetics</i> , 2012, 91, 303-312.	6.2	81
40	Novel mutation in <i>VCP</i> gene causes atypical amyotrophic lateral sclerosis. <i>Neurology</i> , 2012, 79, 2201-2208.	1.1	61
41	Mutations in the profilin 1 gene cause familial amyotrophic lateral sclerosis. <i>Nature</i> , 2012, 488, 499-503.	27.8	522
42	Cold Urticaria, Immunodeficiency, and Autoimmunity Related to <i>PLCG2</i> Deletions. <i>New England Journal of Medicine</i> , 2012, 366, 330-338.	27.0	391
43	Exome Sequencing Followed by Large-Scale Genotyping Fails to Identify Single Rare Variants of Large Effect in Idiopathic Generalized Epilepsy. <i>American Journal of Human Genetics</i> , 2012, 91, 293-302.	6.2	95
44	Using ERDS to Infer Copy-Number Variants in High-Coverage Genomes. <i>American Journal of Human Genetics</i> , 2012, 91, 408-421.	6.2	127
45	Genetic and environmental correlates of topiramate-induced cognitive impairment. <i>Epilepsia</i> , 2012, 53, e5-8.	5.1	19
46	Inosine Triphosphate Protects Against Ribavirin-Induced Adenosine Triphosphate Loss by Adenylosuccinate Synthase Function. <i>Gastroenterology</i> , 2011, 140, 1314-1321.	1.3	111
47	A whole-genome analysis of premature termination codons. <i>Genomics</i> , 2011, 98, 337-342.	2.9	14
48	SVA: software for annotating and visualizing sequenced human genomes. <i>Bioinformatics</i> , 2011, 27, 1998-2000.	4.1	62
49	Contribution of Pastimes and Testing Strategies to the Performance of Healthy Volunteers on Cognitive Tests. <i>Clinical Neuropsychologist</i> , 2011, 25, 778-798.	2.3	8
50	Host Genetic Determinants of T Cell Responses to the MRKAd5 HIV-1 gag/pol/nef Vaccine in the Step Trial. <i>Journal of Infectious Diseases</i> , 2011, 203, 773-779.	4.0	40
51	Common genetic variation and performance on standardized cognitive tests. <i>European Journal of Human Genetics</i> , 2010, 18, 815-820.	2.8	90
52	The Characterization of Twenty Sequenced Human Genomes. <i>PLoS Genetics</i> , 2010, 6, e1001111.	3.5	144
53	COMT Val108/158 Met Genotype Affects Neural but not Cognitive Processing in Healthy Individuals. <i>Cerebral Cortex</i> , 2010, 20, 672-683.	2.9	48
54	Whole-Genome Sequencing of a Single Proband Together with Linkage Analysis Identifies a Mendelian Disease Gene. <i>PLoS Genetics</i> , 2010, 6, e1000991.	3.5	189

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55	Uncovering the roles of rare variants in common disease through whole-genome sequencing. <i>Nature Reviews Genetics</i> , 2010, 11, 415-425.	16.3	1,248
56	Screening the human exome: a comparison of whole genome and whole transcriptome sequencing. <i>Genome Biology</i> , 2010, 11, R57.	9.6	115
57	Common Genetic Variation and the Control of HIV-1 in Humans. <i>PLoS Genetics</i> , 2009, 5, e1000791.	3.5	377
58	The Fractionated Orthology of Bs2 and Rx/Gpa2 Supports Shared Synteny of Disease Resistance in the Solanaceae. <i>Genetics</i> , 2009, 182, 1351-1364.	2.9	38
59	A genome-wide genetic signature of Jewish ancestry perfectly separates individuals with and without full Jewish ancestry in a large random sample of European Americans. <i>Genome Biology</i> , 2009, 10, R7.	9.6	59
60	A genome-wide study of common SNPs and CNVs in cognitive performance in the CANTAB. <i>Human Molecular Genetics</i> , 2009, 18, 4650-4661.	2.9	131
61	Failure to replicate effect of kibra on human memory in two large cohorts of European origin. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 667-668.	1.7	62
62	Localization and Characterization of X Chromosome Inversion Breakpoints Separating <i>Drosophila mojavensis</i> and <i>Drosophila arizonae</i> . <i>Journal of Heredity</i> , 2007, 98, 111-114.	2.4	7
63	In vitro assays fail to predict in vivo effects of regulatory polymorphisms. <i>Human Molecular Genetics</i> , 2007, 16, 1931-1939.	2.9	78
64	Fine-Scale Crossover Rate Heterogeneity in <i>Drosophila pseudoobscura</i> . <i>Journal of Molecular Evolution</i> , 2007, 64, 129-135.	1.8	50