Gabriel Cuellar-Partida

List of Publications by Year
in descending order

55 papers	5,014 citations	186265 28 h-index	149698 56 g-index
76 all docs	76 docs citations	76 times ranked	11192 citing authors

#	Article	IF	Citations
1	Common genetic variants influence human subcortical brain structures. Nature, 2015, 520, 224-229.	27.8	772
2	Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190.	27.8	544
3	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	27.8	353
4	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2018, 50, 26-41.	21.4	286
5	Novel genetic loci associated with hippocampal volume. Nature Communications, 2017, 8, 13624.	12.8	250
6	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. Nature Genetics, 2018, 50, 834-848.	21.4	239
7	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	14.8	213
8	Genome-wide analysis of multi-ancestry cohorts identifies new loci influencing intraocular pressure and susceptibility to glaucoma. Nature Genetics, 2014, 46, 1126-1130.	21.4	212
9	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. Nature Neuroscience, 2016, 19, 420-431.	14.8	204
10	Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636.	21.4	192
11	New insights into the genetics of primary open-angle glaucoma based on meta-analyses of intraocular pressure and optic disc characteristics.. Human Molecular Genetics, 2017, 26, ddw399.	2.9	120
12	Association of vitamin D levels and risk of ovarian cancer: a Mendelian randomization study. International Journal of Epidemiology, 2016, 45, 1619-1630.	1.9	111
13	Epigenetic priors for identifying active transcription factor binding sites. Bioinformatics, 2012, 28, 56-62.	4.1	103
14	The Genetic Architecture of Depression in Individuals of East Asian Ancestry. JAMA Psychiatry, 2021, 78, 1258.	11.0	88
15	ARHGEF12 influences the risk of glaucoma by increasing intraocular pressure. Human Molecular Genetics, 2015, 24, 2689-2699.	2.9	79
16	Genome-wide association study identifies 48 common genetic variants associated with handedness. Nature Human Behaviour, 2021, 5, 59-70.	12.0	79
17	Insights into the aetiology of snoring from observational and genetic investigations in the UK Biobank. Nature Communications, 2020, 11, 817.	12.8	74
18	Identification of myopia-associated WNT7B polymorphisms provides insights into the mechanism underlying the development of myopia. Nature Communications, 2015, 6, 6689.	12.8	70

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19	Shared genetics underlying epidemiological association between endometriosis and ovarian cancer. Human Molecular Genetics, 2015, 24, 5955-5964.	2.9	68
20	Cross-ancestry genome-wide association analysis of corneal thickness strengthens link between complex and Mendelian eye diseases. Nature Communications, 2018, 9, 1864.	12.8	63
21	WNT10A exonic variant increases the risk of keratoconus by decreasing corneal thickness. Human Molecular Genetics, 2015, 24, 5060-5068.	2.9	58
22	Assessing the Genetic Predisposition of Education on Myopia: A Mendelian Randomization Study. Genetic Epidemiology, 2016, 40, 66-72.	1.3	56
23	Comorbid Chronic Pain and Depression: Shared Risk Factors and Differential Antidepressant Effectiveness. Frontiers in Psychiatry, 2021, 12, 643609.	2.6	55
24	New insight into human sweet taste: a genome-wide association study of the perception and intake of sweet substances. American Journal of Clinical Nutrition, 2019, 109, 1724-1737.	4.7	53
25	Genome-wide in silico prediction of gene expression. Bioinformatics, 2012, 28, 2789-2796.	4.1	50
26	Genetics and Brain Morphology. Neuropsychology Review, 2015, 25, 63-96.	4.9	49
27	Genetically low vitamin D concentrations and myopic refractive error: a Mendelian randomization study. International Journal of Epidemiology, 2017, 46, 1882-1890.	1.9	47
28	Therapeutic Inhibition of Acid-Sensing Ion Channel 1a Recovers Heart Function After Ischemiaâ€“Reperfusion Injury. Circulation, 2021, 144, 947-960.	1.6	40
29	LocusTrack: Integrated visualization of GWAS results and genomic annotation. Source Code for Biology and Medicine, 2015, 10, 1.	1.7	31
30	Genetic and Environmental Factors in Conjunctival UV Autofluorescence. JAMA Ophthalmology, 2015, 133, 406.	2.5	30
31	Educational attainment polygenic scores are associated with cortical total surface area and regions important for language and memory. NeuroImage, 2020, 212, 116691.	4.2	29
32	Assessment and visualization of phenome-wide causal relationships using genetic data: an application to dental caries and periodontitis. European Journal of Human Genetics, 2021, 29, 300-308.	2.8	23
33	Genome-wide survey of parent-of-origin effects on DNA methylation identifies candidate imprinted loci in humans. Human Molecular Genetics, 2018, 27, 2927-2939.	2.9	22
34	Estimating indirect parental genetic effects on offspring phenotypes using virtual parental genotypes derived from sibling and half sibling pairs. PLoS Genetics, 2020, 16, e1009154.	3.5	22
35	Assessment of polygenic effects links primary open-angle glaucoma and age-related macular degeneration. Scientific Reports, 2016, 6, 26885.	3.3	21
36	Assessing the genetic architecture of epithelial ovarian cancer histological subtypes. Human Genetics, 2016, 135, 741-756.	3.8	19

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37	Inference of causal relationships between sleep-related traits and 1,527 phenotypes using genetic data. Sleep, 2021, 44, .	1.1	16
38	Assessment of moderate coffee consumption and risk of epithelial ovarian cancer: a Mendelian randomization study. International Journal of Epidemiology, 2018, 47, 450-459.	1.9	15
39	Sweet Taste Perception is Associated with Body Mass Index at the Phenotypic and Genotypic Level. Twin Research and Human Genetics, 2016, 19, 465-471.	0.6	13
40	The relationship between adrenocortical candidate gene expression and clinical response to hydrocortisone in patients with septic shock. Intensive Care Medicine, 2021, 47, 974-983.	8.2	12
41	Phenome-wide analysis highlights putative causal relationships between self-reported migraine and other complex traits. Journal of Headache and Pain, 2021, 22, 66.	6.0	12
42	DNA methylation in peripheral tissues and left-handedness. Scientific Reports, 2022, 12, 5606.	3.3	12
43	Phenome-wide screening of GWAS data reveals the complex causal architecture of obesity. Human Genetics, 2021, 140, 1253-1265.	3.8	11
44	Multi-tissue transcriptome-wide association study identifies eight candidate genes and tissue-specific gene expression underlying endometrial cancer susceptibility. Communications Biology, 2021, 4, 1211.	4.4	11
45	Genetic basis to structural grey matter associations with chronic pain. Brain, 2021, 144, 3611-3622.	7.6	10
46	Genetic Susceptibility to Pneumonia: A GWAS Meta-Analysis Between the UK Biobank and FinnGen. Twin Research and Human Genetics, 2021, 24, 145-154.	0.6	10
47	Shared Genetic Etiology between Cortical Brain Morphology and Tobacco, Alcohol, and Cannabis Use. Cerebral Cortex, 2022, 32, 796-807.	2.9	9
48	Identification of susceptibility variants to benign childhood epilepsy with centro-temporal spikes (BECTS) in Chinese Han population. EBioMedicine, 2020, 57, 102840.	6.1	8
49	Large-scale genetic investigation reveals genetic liability to multiple complex traits influencing a higher risk of ADHD. Scientific Reports, 2021, 11, 22628.	3.3	8
50	Partitioning Phenotypic Variance Due to Parent-of-Origin Effects Using Genomic Relatedness Matrices. Behavior Genetics, 2018, 48, 67-79.	2.1	7
51	Phenome-wide screening of the putative causal determinants of depression using genetic data. Human Molecular Genetics, 2022, 31, 2887-2898.	2.9	4
52	Utilising multi-large omics data to elucidate biological mechanisms within multiple sclerosis genetic susceptibility loci. Multiple Sclerosis Journal, 2021, 27, 2141-2149.	3.0	3
53	Genomics-driven screening for causal determinants of suicide attempt. Australian and New Zealand Journal of Psychiatry, 2023, 57, 423-431.	2.3	3
54	Evidence of Genetic Overlap Between Circadian Preference and Brain White Matter Microstructure. Twin Research and Human Genetics, 2021, 24, 1-6.	0.6	2

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55	Abstract PR003: Multi-tissue transcriptome-wide association study identifies genetic mechanisms underlying endometrial cancer susceptibility. , 2021, , .		0