W James Gauderman

List of Publications by Year
in descending order

86 papers	7,589 citations	116194 36 h-index	64407 83 g-index
88 all docs	88 docs citations	88 times ranked	13787 citing authors

#	Article	IF	Citations
1	Twoâ€step hypothesis testing to detect geneâ€environment interactions in a genomeâ€wide scan with a survival endpoint. Statistics in Medicine, 2022, 41, 1644-1657.	0.8	5
2	Gene-lifestyle interactions in the genomics of human complex traits. European Journal of Human Genetics, 2022, 30, 730-739.	1.4	11
3	A Scalable Hierarchical Lasso for Geneâ€“Environment Interactions. Journal of Computational and Graphical Statistics, 2022, 31, 1091-1103.	0.9	1
4	Beyond GWAS of Colorectal Cancer: Evidence of Interaction with Alcohol Consumption and Putative Causal Variant for the 10q24.2 Region. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 1077-1089.	1.1	6
5	OUP accepted manuscript. Journal of the National Cancer Institute, 2022, , .	3.0	0
6	Mapping the 17q12â€“21.1 Locus for Variants Associated with Early-Onset Asthma in African Americans. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 424-436.	2.5	16
7	Multi-ancestry genome-wide association study accounting for gene-psychosocial factor interactions identifies novel loci for blood pressure traits. Human Genetics and Genomics Advances, 2021, 2, 100013.	1.0	2
8	Multi-ancestry genome-wide geneâ€“sleep interactions identify novel loci for blood pressure. Molecular Psychiatry, 2021, 26, 6293-6304.	4.1	13
9	Childhood traffic-related air pollution and adverse changes in subclinical atherosclerosis measures from childhood to adulthood. Environmental Health, 2021, 20, 44.	1.7	13
10	Hierarchical Bayesian estimation of covariate effects on airway and alveolar nitric oxide. Scientific Reports, 2021, 11, 17180.	1.6	3
11	A two-step approach to testing overall effect of geneâ€“environment interaction for multiple phenotypes. Bioinformatics, 2021, 36, 5640-5648.	1.8	4
12	The Potential Effects of Policy-driven Air Pollution Interventions on Childhood Lung Development. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 438-444.	2.5	17
13	A Cross-Sectional Study Examining the Seroprevalence of Severe Acute Respiratory Syndrome Coronavirus 2 Antibodies in a University Student Population. Journal of Adolescent Health, 2020, 67, 763-768.	1.2	34
14	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. Molecular Psychiatry, 2020, 26, 2111-2125.	4.1	17
15	Functional informed genomeâ€wide interaction analysis of body mass index, diabetes and colorectal cancer risk. Cancer Medicine, 2020, 9, 3563-3573.	1.3	7
16	A genome-wide association study on medulloblastoma. Journal of Neuro-Oncology, 2020, 147, 309-315.	1.4	10
17	Satellite-Derived PM2.5 Composition and Its Differential Effect on Childrenâ€™s Lung Function. Remote Sensing, 2020, 12, 1028.	1.8	13
18	Asthma and its relationship to mitochondrial copy number: Results from the Asthma Translational Genomics Collaborative (ATGC) of the Trans-Omics for Precision Medicine (TOPMed) program. PLoS ONE, 2020, 15, e0242364.	1.1	16

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19	Novel Common Genetic Susceptibility Loci for Colorectal Cancer. Journal of the National Cancer Institute, 2019, 111, 146-157.	3.0	129
20	Immune factors preceding diagnosis of glioma: a Prostate Lung Colorectal Ovarian Cancer Screening Trial nested caseâ€“control study. Neuro-Oncology Advances, 2019, 1, vdz031.	0.4	2
21	Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. Nature Communications, 2019, 10, 5121.	5.8	62
22	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. American Journal of Epidemiology, 2019, 188, 1033-1054.	1.6	85
23	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. Nature Communications, 2019, 10, 376.	5.8	64
24	Shift Work, Chronotype, and Melatonin Rhythm in Nurses. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 1177-1186.	1.1	96
25	A multi-ancestry genome-wide study incorporating geneâ€“smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. Human Molecular Genetics, 2019, 28, 2615-2633.	1.4	31
26	Multi-ancestry genome-wide geneâ€“smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. Nature Genetics, 2019, 51, 636-648.	9.4	112
27	An admixture mapping meta-analysis implicates genetic variation at 18q21 with asthma susceptibility in Latinos. Journal of Allergy and Clinical Immunology, 2019, 143, 957-969.	1.5	33
28	A Unified Model for the Analysis of Gene-Environment Interaction. American Journal of Epidemiology, 2019, 188, 760-767.	1.6	15
29	Discovery of common and rare genetic risk variants for colorectal cancer. Nature Genetics, 2019, 51, 76-87.	9.4	377
30	Role of local CpG DNA methylation in mediating the 17q21 asthma susceptibility gasdermin B (GSDMB)/ORMDL sphingolipid biosynthesis regulator 3 (ORMDL3) expression quantitative trait locus. Journal of Allergy and Clinical Immunology, 2018, 141, 2282-2286.e6.	1.5	20
31	Traffic-Related Pollutants: Exposure and Health Effects Among Hispanic Children. American Journal of Epidemiology, 2018, 187, 45-52.	1.6	16
32	Dietary Nutrient Intake, Ethnicity, and Epigenetic Silencing of Lung Cancer Genes Detected in Sputum in New Mexican Smokers. Cancer Prevention Research, 2018, 11, 93-102.	0.7	9
33	Gene Coexpression Networks in Whole Blood Implicate Multiple Interrelated Molecular Pathways in Obesity in People with Asthma. Obesity, 2018, 26, 1938-1948.	1.5	11
34	Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. Nature Genetics, 2018, 50, 1072-1080.	9.4	106
35	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. PLoS ONE, 2018, 13, e0198166.	1.1	94
36	Genome-Wide Interaction Analysis of Air Pollution Exposure and Childhood Asthma with Functional Follow-up. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1373-1383.	2.5	107

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37	Trends in childhood leukemia incidence over two decades from 1992 to 2013. International Journal of Cancer, 2017, 140, 1000-1008.	2.3	77
38	Gene Expression Profiling in Blood Provides Reproducible Molecular Insights into Asthma Control. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 179-188.	2.5	49
39	Dietary nutrients associated with preservation of lung function in Hispanic and non-Hispanic white smokers from New Mexico. International Journal of COPD, 2017, Volume 12, 3171-3181.	0.9	40
40	E-Cigarettes, Cigarettes, and the Prevalence of Adolescent Tobacco Use. , 2017, , 101-110.		0
41	Detecting Geneâ€"Environment Interactions for a Quantitative Trait in a Genomeâ€Wide Association Study. Genetic Epidemiology, 2016, 40, 394-403.	0.6	34
42	An Empirical Comparison of Joint and Stratified Frameworks for Studying G Ã— E Interactions: Systolic Blood Pressure and Smoking in the CHARGE Geneâ€Lifestyle Interactions Working Group. Genetic Epidemiology, 2016, 40, 404-415.	0.6	18
43	Association of Changes in Air Quality With Bronchitic Symptoms in Children in California, 1993-2012. JAMA - Journal of the American Medical Association, 2016, 315, 1491.	3.8	85
44	Age-Related Macular Degeneration and Quality of Life in Latinos. JAMA Ophthalmology, 2016, 134, 683.	1.4	18
45	Genome-wide association study identifiesWNT7Bas a novel locus for central corneal thickness in Latinos. Human Molecular Genetics, 2016, 25, ddw319.	1.4	34
46	CYP24A1 variant modifies the association between use of oestrogen plus progestogen therapy and colorectal cancer risk. British Journal of Cancer, 2016, 114, 221-229.	2.9	18
47	Air Pollution and Lung Function in Minority Youth with Asthma in the GALA II (Genesâ€"Environments) Tj ETQq1 1 0.784314 rgBT /Ov	2.5	54
48	Rising rates of acute lymphoblastic leukemia in Hispanic children: trends in incidence from 1992 to 2011. Blood, 2015, 125, 3033-3034.	0.6	53
49	Genetic ancestry influences asthma susceptibility and lung function among Latinos. Journal of Allergy and Clinical Immunology, 2015, 135, 228-235.	1.5	113
50	Association of Improved Air Quality with Lung Development in Children. New England Journal of Medicine, 2015, 372, 905-913.	13.9	522
51	Genome-wide association study of colorectal cancer identifies six new susceptibility loci. Nature Communications, 2015, 6, 7138.	5.8	138
52	15q12 Variants, Sputum Gene Promoter Hypermethylation, and Lung Cancer Risk: A GWAS in Smokers. Journal of the National Cancer Institute, 2015, 107, .	3.0	16
53	Association of Aspirin and NSAID Use With Risk of Colorectal Cancer According to Genetic Variants. JAMA - Journal of the American Medical Association, 2015, 313, 1133.	3.8	171
54	Ethnic-specific associations of rare and low-frequency DNA sequence variants with asthma. Nature Communications, 2015, 6, 5965.	5.8	66

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55	No Evidence of Geneâ€“Calcium Interactions from Genome-Wide Analysis of Colorectal Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 2971-2976.	1.1	9
56	Genome-Wide Diet-Gene Interaction Analyses for Risk of Colorectal Cancer. PLoS Genetics, 2014, 10, e1004228.	1.5	81
57	Genome-wide interaction studies reveal sex-specific asthma risk alleles. Human Molecular Genetics, 2014, 23, 5251-5259.	1.4	70
58	Native American Ancestry Is Associated With Severe Diabetic Retinopathy in Latinos. , 2014, 55, 6041.		27
59	Meta-Analysis of Hodgkin Lymphoma and Asthma Genome-Wide Association Scans reveals common variants in GATA3. Blood, 2014, 124, 135-135.	0.6	1
60	Finding Novel Genes by Testing GÂÃ—ÂE Interactions in a Genomeâ€Wide Association Study. Genetic Epidemiology, 2013, 37, 603-613.	0.6	100
61	Highâ€resolution MODIS aerosol retrieval during wildfire events in California for use in exposure assessment. Journal of Geophysical Research D: Atmospheres, 2013, 118, 11,242.	1.2	14
62	Efficient Genome-Wide Association Testing of Gene-Environment Interaction in Case-Parent Trios. American Journal of Epidemiology, 2010, 172, 116-122.	1.6	35
63	Gene-Environment Interaction in Genome-Wide Association Studies. American Journal of Epidemiology, 2008, 169, 219-226.	1.6	264
64	Effect of exposure to traffic on lung development from 10 to 18 years of age: a cohort study. Lancet, The, 2007, 369, 571-577.	6.3	617
65	Testing association between disease and multiple SNPs in a candidate gene. Genetic Epidemiology, 2007, 31, 383-395.	0.6	193
66	The Effect of Air Pollution on Lung Development from 10 to 18 Years of Age. New England Journal of Medicine, 2004, 351, 1057-1067.	13.9	1,131
67	Candidate gene association analysis for a quantitative trait, using parent-offspring trios. Genetic Epidemiology, 2003, 25, 327-338.	0.6	127
68	Longitudinal data analysis in pedigree studies. Genetic Epidemiology, 2003, 25, S18-S28.	0.6	32
69	Sample Size Requirements for Association Studies of Gene-Gene Interaction. American Journal of Epidemiology, 2002, 155, 478-484.	1.6	553
70	Association between Air Pollution and Lung Function Growth in Southern California Children. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 76-84.	2.5	316
71	Sample size requirements for matched case-control studies of gene-environment interaction. Statistics in Medicine, 2002, 21, 35-50.	0.8	583
72	Should We Consider GeneÃ—Environment Interaction in the Hunt for Quantitative Trait Loci?. Genetic Epidemiology, 2001, 21, S831-S836.	0.6	9

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73	Combined Linkage and Association Analysis in Pedigrees. Genetic Epidemiology, 2001, 21, S358-S363.	0.6	6
74	Association tests using unaffected-sibling versus pseudo-sibling controls. Genetic Epidemiology, 1999, 17, S731-S736.	0.6	2
75	A joint test of linkage and geneÃ—environment interaction, with affected sib pairs. Genetic Epidemiology, 1999, 17, S563-S568.	0.6	8
76	A generalized estimating equations approach to linkage analysis in sibships in relation to multiple markers and exposure factors. Genetic Epidemiology, 1999, 17, S737-42.	0.6	10
77	Synergistic effect betweenIL-10 andbcl-2 genotypes in determining susceptibility to systemic lupus erythematosus. Arthritis and Rheumatism, 1998, 41, 596-602.	6.7	157
78	Analysis of gene-smoking interaction in lung cancer. Genetic Epidemiology, 1997, 14, 199-214.	0.6	40
79	Joint segregation and linkage analysis of a quantitative trait compared to separate analyses. Genetic Epidemiology, 1997, 14, 993-998.	0.6	6
80	Association between theRfp-Y haplotype and the incidence of Marek's disease in chickens. Immunogenetics, 1996, 44, 242-245.	1.2	55
81	Association between the Rfp-Y haplotype and the incidence of Marek?s disease in chickens. Immunogenetics, 1996, 44, 242-245.	1.2	1
82	Genetic epidemiologic analysis of quantitative phenotypes using gibbs sampling. Genetic Epidemiology, 1995, 12, 753-758.	0.6	7
83	A method for simulating familial disease data with variable age at onset and genetic and environmental effects. Statistics and Computing, 1995, 5, 237-243.	0.8	2
84	Censored survival models for genetic epidemiology: A gibbs sampling approach. Genetic Epidemiology, 1994, 11, 171-188.	0.6	48
85	Combined segregation and linkage analysis of late-onset Alzheimer's disease in Duke families using Gibbs sampling. Genetic Epidemiology, 1993, 10, 489-494.	0.6	12
86	A bivariate genetic analysis of HDL- and LDL-cholesterol incorporating measured covariates: A gibbs sampling application. Genetic Epidemiology, 1993, 10, 623-628.	0.6	5