

Melanie E Garrett

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,238
citations

471061

17
h-index

344852

36
g-index

42
all docs

42
docs citations

42
times ranked

5586
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive functional genomic resource and integrative model for the human brain. <i>Science</i> , 2018, 362, .	6.0	618
2	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	6.0	450
3	Factors associated with survival in a contemporary adult sickle cell disease cohort. <i>American Journal of Hematology</i> , 2014, 89, 530-535.	2.0	235
4	<i>MYH9</i> and <i>APOL1</i> are both associated with sickle cell disease nephropathy. <i>British Journal of Haematology</i> , 2011, 155, 386-394.	1.2	139
5	Epigenome-wide meta-analysis of PTSD across 10 military and civilian cohorts identifies methylation changes in AHRR. <i>Nature Communications</i> , 2020, 11, 5965.	5.8	84
6	Genome-wide association study of posttraumatic stress disorder in a cohort of Iraqâ€“Afghanistan era veterans. <i>Journal of Affective Disorders</i> , 2015, 184, 225-234.	2.0	81
7	Alloimmunization in sickle cell disease: changing antibody specificities and association with chronic pain and decreased survival. <i>Transfusion</i> , 2015, 55, 1378-1387.	0.8	75
8	An epigenome-wide association study of posttraumatic stress disorder in US veterans implicates several new DNA methylation loci. <i>Clinical Epigenetics</i> , 2020, 12, 46.	1.8	64
9	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020, 11, 4796.	5.8	61
10	Cell-type-specific effects of genetic variation on chromatin accessibility during human neuronal differentiation. <i>Nature Neuroscience</i> , 2021, 24, 941-953.	7.1	47
11	In vivo Modeling Implicates APOL1 in Nephropathy: Evidence for Dominant Negative Effects and Epistasis under Anemic Stress. <i>PLoS Genetics</i> , 2015, 11, e1005349.	1.5	45
12	An Examination of the Association between 5-HTTLPR, Combat Exposure, and PTSD Diagnosis among U.S. Veterans. <i>PLoS ONE</i> , 2015, 10, e0119998.	1.1	29
13	Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed. <i>Cell Genomics</i> , 2022, 2, 100084.	3.0	29
14	Clinical and metabolomic risk factors associated with rapid renal function decline in sickle cell disease. <i>American Journal of Hematology</i> , 2018, 93, 1451-1460.	2.0	28
15	DNA Copy Number Variants of Known Glaucoma Genes in Relation to Primary Open-Angle Glaucoma. <i>Investigative Ophthalmology and Visual Science</i> , 2014, 55, 8251-8258.	3.3	27
16	Clonal hematopoiesis in sickle cell disease. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	26
17	Pregnancy continuation and organizational religious activity following prenatal diagnosis of a lethal fetal defect are associated with improved psychological outcome. <i>Prenatal Diagnosis</i> , 2015, 35, 761-768.	1.1	19
18	Rare and de novo coding variants in chromodomain genes in Chiari I malformation. <i>American Journal of Human Genetics</i> , 2021, 108, 100-114.	2.6	17

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19	A common functional <i>PIEZO1</i> deletion allele associates with red blood cell density in sickle cell disease patients. <i>American Journal of Hematology</i> , 2018, 93, E362-E365.	2.0	15
20	Potential causal role of l-glutamine in sickle cell disease painful crises: A Mendelian randomization analysis. <i>Blood Cells, Molecules, and Diseases</i> , 2021, 86, 102504.	0.6	14
21	Systematic Functional Testing of Rare Variants: Contributions of <i>CFI</i> to Age-Related Macular Degeneration. , 2017, 58, 1570.		13
22	The association of single-nucleotide polymorphisms in the <i>oxytocin</i> receptor and <i>G protein-coupled receptor kinase 6 (GRK6)</i> genes with oxytocin dosing requirements and labor outcomes. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 217, 367.e1-367.e9.	0.7	12
23	Rare functional genetic variants in <i>COL7A1</i> , <i>COL6A5</i> , <i>COL1A2</i> and <i>COL5A2</i> frequently occur in Chiari Malformation Type 1. <i>PLoS ONE</i> , 2021, 16, e0251289.	1.1	12
24	Gene Expression Analysis in Three Posttraumatic Stress Disorder Cohorts Implicates Inflammation and Innate Immunity Pathways and Uncovers Shared Genetic Risk With Major Depressive Disorder. <i>Frontiers in Neuroscience</i> , 2021, 15, 678548.	1.4	12
25	Rapid decline in estimated glomerular filtration rate in sickle cell anemia: results of a multicenter pooled analysis. <i>Haematologica</i> , 2021, 106, 1749-1753.	1.7	11
26	Joint eQTL assessment of whole blood and dura mater tissue from individuals with Chiari type I malformation. <i>BMC Genomics</i> , 2015, 16, 11.	1.2	10
27	Thrombospondin β 1 gene polymorphism is associated with estimated pulmonary artery pressure in patients with sickle cell anemia. <i>American Journal of Hematology</i> , 2017, 92, E31-E34.	2.0	10
28	Examining Individual and Synergistic Contributions of PTSD and Genetics to Blood Pressure: A Trans-Ethnic Meta-Analysis. <i>Frontiers in Neuroscience</i> , 2021, 15, 678503.	1.4	10
29	Sex dependent glial-specific changes in the chromatin accessibility landscape in late-onset Alzheimer's disease brains. <i>Molecular Neurodegeneration</i> , 2021, 16, 58.	4.4	10
30	Effect of genetic variation in the nicotinic receptor genes on risk for posttraumatic stress disorder. <i>Psychiatry Research</i> , 2015, 229, 326-331.	1.7	6
31	Further evidence for a role of the <i>ADRB2</i> gene in risk for posttraumatic stress disorder. <i>Journal of Psychiatric Research</i> , 2017, 84, 59-61.	1.5	5
32	Trauma and posttraumatic stress disorder modulate polygenic predictors of hippocampal and amygdala volume. <i>Translational Psychiatry</i> , 2021, 11, 637.	2.4	4
33	RNA sequencing of isolated cell populations expressing human <i>APOL1 G2</i> risk variant reveals molecular correlates of sickle cell nephropathy in zebrafish podocytes. <i>PLoS ONE</i> , 2019, 14, e0217042.	1.1	3
34	Genome-Wide Studies in Sickle Cell Anemia Show Associations Between SNPs in the Olfactory Receptor Gene Cluster and Fetal Hemoglobin Concentration.. <i>Blood</i> , 2009, 114, 821-821.	0.6	2
35	Polymorphisms in <i>TNFα</i> Are Associated with Cerebrovascular Events in Sickle Cell Disease.. <i>Blood</i> , 2009, 114, 1540-1540.	0.6	1
36	Genes Associated with Survival in Adult Sickle Cell Disease. <i>Blood</i> , 2014, 124, 2719-2719.	0.6	1

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37	Prolonged Survival despite High Disease Burden in Elderly (≥55) Patients with Hb SS or Hb S ^β 0 Thalassemia. <i>Blood</i> , 2008, 112, 710-710.	0.6	0
38	Genome-Wide Evaluation of Epistasis with APOL1 Risk Variants in Sickle Cell Disease Nephropathy. <i>Blood</i> , 2015, 126, 3401-3401.	0.6	0