# Allison Ashley-Koch

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 230 papers | 13,782 citations | 25034 57 h-index | 28297 105 g-index |
| 244 all docs | 244 docs citations | 244 times ranked | 21916 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. Nature, 2021, 590, 290-299. | 27.8 | 1,069 |
| 2 | Integrative functional genomic analysis of human brain development and neuropsychiatric risks. Science, 2018, 362, . | 12.6 | 516 |
| 3 | A Kinesin Heavy Chain (KIF5A) Mutation in Hereditary Spastic Paraplegia (SPG10). American Journal of Human Genetics, 2002, 71, 1189-1194. | 6.2 | 471 |
| 4 | The genetic architecture of the human cerebral cortex. Science, 2020, 367, . | 12.6 | 450 |
| 5 | The PsychENCODE project. Nature Neuroscience, 2015, 18, 1707-1712. | 14.8 | 371 |
| 6 | International meta-analysis of PTSD genome-wide association studies identifies sex- and ancestry-specific genetic risk loci. Nature Communications, 2019, 10, 4558. | 12.8 | 363 |
| 7 | Relationship Between Methylome and Transcriptome in Patients With Nonalcoholic Fatty Liver Disease. Gastroenterology, 2013, 145, 1076-1087. | 1.3 | 340 |
| 8 | Identification of Significant Association and Gene-Gene Interaction of GABA Receptor Subunit Genes in Autism. American Journal of Human Genetics, 2005, 77, 377-388. | 6.2 | 313 |
| 9 | Epidemiologic and genetic aspects of spina bifida and other neural tube defects. Developmental Disabilities Research Reviews, 2010, 16, 6-15. | 2.9 | 269 |
| 10 | Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. Nature Genetics, 2013, 45, 155-163. | 21.4 | 269 |
| 11 | Hepatic gene expression profiles differentiate presymptomatic patients with mild versus severe nonalcoholic fatty liver disease. Hepatology, 2014, 59, 471-482. | 7.3 | 256 |
| 12 | Pulmonary hypertension associated with sickle cell disease: Clinical and laboratory endpoints and disease outcomes. American Journal of Hematology, 2008, 83, 19-25. | 4.1 | 244 |
| 13 | Factors associated with survival in a contemporary adult sickle cell disease cohort. American Journal of Hematology, 2014, 89, 530-535. | 4.1 | 235 |
| 14 | Genomic screen and follow-up analysis for autistic disorder. American Journal of Medical Genetics Part A, 2002, 114, 99-105. | 2.4 | 226 |
| 15 | Transcriptome and epigenome landscape of human cortical development modeled in organoids. Science, 2018, 362, . | 12.6 | 220 |
| 16 | Self-Regulation of Emotion, Functional Impairment, and Comorbidity Among ChildrenWith AD/HD. Journal of Attention Disorders, 2011, 15, 583-592. | 2.6 | 211 |
| 17 | Genome-wide association analysis identifies TXNRD2, ATXN2 and FOXC1 as susceptibility loci for primary open-angle glaucoma. Nature Genetics, 2016, 48, 189-194. | 21.4 | 211 |
| 18 | Identification of MeCP2 mutations in a series of females with autistic disorder. Pediatric Neurology, 2003, 28, 205-211. | 2.1 | 210 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Mutations in the Novel Mitochondrial Protein REEP1 Cause Hereditary Spastic Paraplegia Type 31. American Journal of Human Genetics, 2006, 79, 365-369. | 6.2 | 209 |
| 20 | Stac3 is a component of the excitationâ€“contraction coupling machinery and mutated in Native American myopathy. Nature Communications, 2013, 4, 1952. | 12.8 | 201 |
| 21 | Traumatic stress and accelerated DNA methylation age: A meta-analysis. Psychoneuroendocrinology, 2018, 92, 123-134. | 2.7 | 190 |
| 22 | Analysis of the RELN gene as a genetic risk factor for autism. Molecular Psychiatry, 2005, 10, 563-571. | 7.9 | 181 |
| 23 | Effects of Environmental Stress and Gender on Associations among Symptoms of Depression and the Serotonin Transporter Gene Linked Polymorphic Region (5-HTTLPR). Behavior Genetics, 2008, 38, 34-43. | 2.1 | 180 |
| 24 | Genetic Studies of Autistic Disorder and Chromosome 7. Genomics, 1999, 61, 227-236. | 2.9 | 177 |
| 25 | HLA-DR15 Haplotype and Multiple Sclerosis: A HuGE Review. American Journal of Epidemiology, 2007, 165, 1097-1109. | 3.4 | 169 |
| 26 | Multiple rare SAPAP3 missense variants in trichotillomania and OCD. Molecular Psychiatry, 2009, 14, 6-9. | 7.9 | 166 |
| 27 | Phenotypic Homogeneity Provides Increased Support for Linkage on Chromosome 2 in Autistic Disorder. American Journal of Human Genetics, 2002, 70, 1058-1061. | 6.2 | 164 |
| 28 | Fetal hemoglobin in sickle cell anemia: genome-wide association studies suggest a regulatory region in the 5â€² olfactory receptor gene cluster. Blood, 2010, 115, 1815-1822. | 1.4 | 146 |
| 29 | Evaluation of chromatin accessibility in prefrontal cortex of individuals with schizophrenia. Nature Communications, 2018, 9, 3121. | 12.8 | 141 |
| 30 | MYH9 and APOL1 are both associated with sickle cell disease nephropathy. British Journal of Haematology, 2011, 155, 386-394. | 2.5 | 139 |
| 31 | Cadmium exposure and the epigenome: Exposure-associated patterns of DNA methylation in leukocytes from mother-baby pairs. Epigenetics, 2014, 9, 212-221. | 2.7 | 133 |
| 32 | Identification and Expression Analysis of Spastin Gene Mutations in Hereditary Spastic Paraplegia. American Journal of Human Genetics, 2001, 68, 1077-1085. | 6.2 | 130 |
| 33 | Dissecting the Shared Genetic Architecture of Suicide Attempt, Psychiatric Disorders, and Known Risk Factors. Biological Psychiatry, 2022, 91, 313-327. | 1.3 | 114 |
| 34 | A common variant near TGFBR3 is associated with primary open angle glaucoma. Human Molecular Genetics, 2015, 24, 3880-3892. | 2.9 | 105 |
| 35 | TMEM231, mutated in orofaciodigital and Meckel syndromes, organizes the ciliary transition zone. Journal of Cell Biology, 2015, 209, 129-142. | 5.2 | 95 |
| 36 | Sleep Quality Varies as a Function of 5-HTTLPR Genotype and Stress. Psychosomatic Medicine, 2007, 69, 621-624. | 2.0 | 93 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Genome-wide association study and meta-analysis of intraocular pressure. Human Genetics, 2014, 133, 41-57. | 3.8 | 93 |
| 38 | Epigenome-wide meta-analysis of PTSD across 10 military and civilian cohorts identifies methylation changes in AHRR. Nature Communications, 2020, 11, 5965. | 12.8 | 84 |
| 39 | Genetic modifiers of the severity of sickle cell anemia identified through a genomeâ€wide association study. American Journal of Hematology, 2010, 85, 29-35. | 4.1 | 83 |
| 40 | Genome-wide association study of posttraumatic stress disorder in a cohort of Iraqâ€“Afghanistan era veterans. Journal of Affective Disorders, 2015, 184, 225-234. | 4.1 | 81 |
| 41 | Intragenic modifiers of hereditary spastic paraplegia due to spastin gene mutations. Neurogenetics, 2004, 5, 157-164. | 1.4 | 78 |
| 42 | Genes Implicated in Serotonergic and Dopaminergic Functioning Predict BMI Categories. Obesity, 2008, 16, 348-355. | 3.0 | 78 |
| 43 | Discovery and Functional Annotation of SIX6 Variants in Primary Open-Angle Glaucoma. PLoS Genetics, 2014, 10, e1004372. | 3.5 | 78 |
| 44 | Genetic variants and cellular stressors associated with exfoliation syndrome modulate promoter activity of a lncRNA within theLOXL1locus. Human Molecular Genetics, 2015, 24, 6552-6563. | 2.9 | 76 |
| 45 | Alloimmunization in sickle cell disease: changing antibody specificities and association with chronic pain and decreased survival. Transfusion, 2015, 55, 1378-1387. | 1.6 | 75 |
| 46 | Linkage Disequilibrium Inflates Type I Error Rates in Multipoint Linkage Analysis when Parental Genotypes Are Missing. Human Heredity, 2005, 59, 220-227. | 0.8 | 74 |
| 47 | Meta-analysis of 2040 sickle cell anemia patients: BCL11A and HBS1L-MYB are the major modifiers of HbF in African Americans. Blood, 2012, 120, 1961-1962. | 1.4 | 73 |
| 48 | Investigation of Known Genetic Risk Factors for Primary Open Angle Glaucoma in Two Populations of African Ancestry. , 2013, 54, 6248. | | 73 |
| 49 | Associations of a Regulatory Polymorphism of Monoamine Oxidase-A Gene Promoter (MAOA-uVNTR) With Symptoms of Depression and Sleep Quality. Psychosomatic Medicine, 2007, 69, 396-401. | 2.0 | 72 |
| 50 | The kinetics of urinary fumonisin <scp>B</scp><sub>1</sub> excretion in humans consuming maizeâ€based diets. Molecular Nutrition and Food Research, 2012, 56, 1445-1455. | 3.3 | 70 |
| 51 | Epigenomeâ€wide association of PTSD from heterogeneous cohorts with a common multiâ€site analysis pipeline. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2017, 174, 619-630. | 1.7 | 69 |
| 52 | Childhood Socioeconomic Status and Serotonin Transporter Gene Polymorphism Enhance Cardiovascular Reactivity to Mental Stress. Psychosomatic Medicine, 2008, 70, 32-39. | 2.0 | 67 |
| 53 | An Analysis Paradigm for Investigating Multiâ€locus Effects in Complex Disease: Examination of Three GABA<sub>A</sub> Receptor Subunit Genes on 15q11â€q13 as Risk Factors for Autistic Disorder.. Annals of Human Genetics, 2006, 70, 281-292. | 0.8 | 66 |
| 54 | Further evidence for a maternal genetic effect and a sexâ€influenced effect contributing to risk for human neural tube defects. Birth Defects Research Part A: Clinical and Molecular Teratology, 2008, 82, 662-669. | 1.6 | 66 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Identification of genetic polymorphisms associated with risk for pulmonary hypertension in sickle cell disease. Blood, 2008, 111, 5721-5726. | 1.4 | 66 |
| 56 | Genetic polymorphisms associated with priapism in sickle cell disease. British Journal of Haematology, 2007, 137, 262-267. | 2.5 | 64 |
| 57 | An epigenome-wide association study of posttraumatic stress disorder in US veterans implicates several new DNA methylation loci. Clinical Epigenetics, 2020, 12, 46. | 4.1 | 64 |
| 58 | Human health implications from co-exposure to aflatoxins and fumonisins in maize-based foods in Latin America: Guatemala as a case study. World Mycotoxin Journal, 2015, 8, 143-159. | 1.4 | 63 |
| 59 | Lack of Duffy antigen expression is associated with organ damage in patients with sickle cell disease. Transfusion, 2008, 48, 917-924. | 1.6 | 62 |
| 60 | Gene Expression Profile in Human Trabecular Meshwork From Patients With Primary Open-Angle Glaucoma. , 2013, 54, 6382. | | 56 |
| 61 | A Genome-Wide Association Study of Total Bilirubin and Cholelithiasis Risk in Sickle Cell Anemia. PLoS ONE, 2012, 7, e34741. | 2.5 | 55 |
| 62 | Genome-Wide Analysis of Central Corneal Thickness in Primary Open-Angle Glaucoma Cases in the NEIGHBOR and GLAUGEN Consortia. , 2012, 53, 4468. | | 52 |
| 63 | Evidence for fumonisin inhibition of ceramide synthase in humans consuming maizeâ€based foods and living in high exposure communities in Guatemala. Molecular Nutrition and Food Research, 2015, 59, 2209-2224. | 3.3 | 52 |
| 64 | Phase 1 Study of a Sulforaphane-Containing Broccoli Sprout Homogenate for Sickle Cell Disease. PLoS ONE, 2016, 11, e0152895. | 2.5 | 51 |
| 65 | Examination of Factors Associated with Instability of the FMR1 CGG Repeat. American Journal of Human Genetics, 1998, 63, 776-785. | 6.2 | 48 |
| 66 | Surgical and Obstetric Outcomes in Adults with Sickle Cell Disease. American Journal of Medicine, 2008, 121, 916-921. | 1.5 | 48 |
| 67 | No association between theWNT2 gene and autistic disorder. American Journal of Medical Genetics Part A, 2002, 114, 106-109. | 2.4 | 47 |
| 68 | Genomic Approaches to Posttraumatic Stress Disorder: The Psychiatric Genomic Consortium Initiative. Biological Psychiatry, 2018, 83, 831-839. | 1.3 | 47 |
| 69 | Cell-type-specific effects of genetic variation on chromatin accessibility during human neuronal differentiation. Nature Neuroscience, 2021, 24, 941-953. | 14.8 | 47 |
| 70 | Fiber tractâ€specific white matter lesion severity Findings in lateâ€life depression and by AGTR1 A1166C genotype. Human Brain Mapping, 2013, 34, 295-303. | 3.6 | 46 |
| 71 | Negative life stress and longitudinal hippocampal volume changes in older adults with and without depression. Journal of Psychiatric Research, 2013, 47, 829-834. | 3.1 | 46 |
| 72 | Association analysis of the COMT/MTHFR genes and geriatric depression: An MRI study of the putamen. International Journal of Geriatric Psychiatry, 2009, 24, 847-855. | 2.7 | 45 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | In vivo Modeling Implicates APOL1 in Nephropathy: Evidence for Dominant Negative Effects and Epistasis under Anemic Stress. PLoS Genetics, 2015, 11, e1005349. | 3.5 | 45 |
| 74 | Revealing the brain's molecular architecture. Science, 2018, 362, 1262-1263. | 12.6 | 45 |
| 75 | Investigation of potential geneâ€“gene interactions between apoe and reln contributing to autism risk. Psychiatric Genetics, 2007, 17, 221-226. | 1.1 | 44 |
| 76 | Genetic variants in SLC9A9 are associated with measures of Attention-deficit/hyperactivity disorder symptoms in families. Psychiatric Genetics, 2010, 20, 73-81. | 1.1 | 44 |
| 77 | BDNF Val66Met genotype and 6-month remission rates in late-life depression. Pharmacogenomics Journal, 2011, 11, 146-154. | 2.0 | 44 |
| 78 | Urinary fumonisin <scp>B</scp><sub>1</sub> and estimated fumonisin intake in women from highâ€and lowâ€exposure communities in <scp>G</scp>uatemala. Molecular Nutrition and Food Research, 2014, 58, 973-983. | 3.3 | 44 |
| 79 | Association between the oxytocin receptor (OXTR) gene and mesolimbic responses to rewards. Molecular Autism, 2014, 5, 7. | 4.9 | 44 |
| 80 | Interactions between genotype and retrospective ADHD symptoms predict lifetime smoking risk in a sample of young adults. Nicotine and Tobacco Research, 2008, 10, 117-127. | 2.6 | 43 |
| 81 | 5-HTTLPR and Gender Moderate Changes in Negative Affect Responses to Tryptophan Infusion. Behavior Genetics, 2008, 38, 476-83. | 2.1 | 41 |
| 82 | HPA axis function in male caregivers: Effect of the monoamine oxidase-A gene promoter (MAOA-uVNTR). Biological Psychology, 2008, 79, 250-255. | 2.2 | 41 |
| 83 | Maternal vitamin D receptor genetic variation contributes to infant birthweight among black mothers. American Journal of Medical Genetics, Part A, 2011, 155, 1264-1271. | 1.2 | 41 |
| 84 | A genome-wide association study of suicide attempts and suicidal ideation in U.S. military veterans. Psychiatry Research, 2018, 269, 64-69. | 3.3 | 41 |
| 85 | Transcriptome analysis of adult and fetal trabecular meshwork, cornea, and ciliary body tissues by RNA sequencing. Experimental Eye Research, 2018, 167, 91-99. | 2.6 | 40 |
| 86 | Loss-of-function genomic variants highlight potential therapeutic targets for cardiovascular disease. Nature Communications, 2020, 11, 6417. | 12.8 | 39 |
| 87 | Clinical, radiological, and genetic similarities between patients with Chiari Type I and Type 0 malformations. Journal of Neurosurgery: Pediatrics, 2012, 9, 372-378. | 1.3 | 38 |
| 88 | Stratified Whole Genome Linkage Analysis of Chiari Type I Malformation Implicates Known Klippel-Feil Syndrome Genes as Putative Disease Candidates. PLoS ONE, 2013, 8, e61521. | 2.5 | 37 |
| 89 | Lack of Association Between Autism andSLC25A12. American Journal of Psychiatry, 2006, 163, 929-931. | 7.2 | 36 |
| 90 | Outcome and life satisfaction of adults with myelomeningocele. Disability and Health Journal, 2013, 6, 236-243. | 2.8 | 35 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | A genome-wide association study of suicide attempts in the million veterans program identifies evidence of pan-ancestry and ancestry-specific risk loci. Molecular Psychiatry, 2022, 27, 2264-2272. | 7.9 | 35 |
| 92 | Gene-centric association study of acute chest syndrome and painful crisis in sickle cell disease patients. Blood, 2013, 122, 434-442. | 1.4 | 34 |
| 93 | Analysis of the autism chromosome 2 linkage region: GAD1 and other candidate genes. Neuroscience Letters, 2004, 372, 209-214. | 2.1 | 32 |
| 94 | Molecular genetic overlap between posttraumatic stress disorder and sleep phenotypes. Sleep, 2020, 43, . | 1.1 | 32 |
| 95 | A Second Leaky Splice-Site Mutation in the Spastin Gene. American Journal of Human Genetics, 2001, 69, 1407-1409. | 6.2 | 31 |
| 96 | An autosomal genomic screen for dementia in an extended Amish family. Neuroscience Letters, 2005, 379, 199-204. | 2.1 | 31 |
| 97 | AGTR1 gene variation: Association with depression and frontotemporal morphology. Psychiatry Research - Neuroimaging, 2012, 202, 104-109. | 1.8 | 31 |
| 98 | Genetic Evaluation and Application of Posterior Cranial Fossa Traits as Endophenotypes for Chiari Type I Malformation. Annals of Human Genetics, 2014, 78, 1-12. | 0.8 | 31 |
| 99 | Genomic locus modulating corneal thickness in the mouse identifies POU6F2 as a potential risk of developing glaucoma. PLoS Genetics, 2018, 14, e1007145. | 3.5 | 31 |
| 100 | Î²2-Adrenergic receptor and adenylate cyclase gene polymorphisms affect sickle red cell adhesion. British Journal of Haematology, 2008, 141, 105-108. | 2.5 | 30 |
| 101 | Impact of BDNF Val66Met and 5â€HTTLPR polymorphism variants on neural substrates related to sadness and executive function. Genes, Brain and Behavior, 2012, 11, 352-359. | 2.2 | 30 |
| 102 | Heavy metals, organic solvents, and multiple sclerosis: An exploratory look at gene-environment interactions. Archives of Environmental and Occupational Health, 2016, 71, 26-34. | 1.4 | 30 |
| 103 | A Genocentric Approach to Discovery of Mendelian Disorders. American Journal of Human Genetics, 2019, 105, 974-986. | 6.2 | 30 |
| 104 | The TFAP2Aâ€“IRF6â€“GRHL3 genetic pathway is conserved in neurulation. Human Molecular Genetics, 2019, 28, 1726-1737. | 2.9 | 30 |
| 105 | Angiogenic, neurotrophic, and inflammatory system SNPs moderate the association between birth weight and ADHD symptom severity. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2014, 165, 691-704. | 1.7 | 29 |
| 106 | An Examination of the Association between 5-HTTLPR, Combat Exposure, and PTSD Diagnosis among U.S. Veterans. PLoS ONE, 2015, 10, e0119998. | 2.5 | 29 |
| 107 | Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed. Cell Genomics, 2022, 2, 100084. | 6.5 | 29 |
| 108 | Contribution of sickle cell disease to the occurrence of developmental disabilities: A population-based study. Genetics in Medicine, 2001, 3, 181-186. | 2.4 | 28 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Impact of Psychological Stress on the Associations Between Apolipoprotein E Variants and Metabolic Traits: Findings in an American Sample of Caregivers and Controls. Psychosomatic Medicine, 2010, 72, 427-433. | 2.0 | 28 |
| 110 | Clinical and metabolomic risk factors associated with rapid renal function decline in sickle cell disease. American Journal of Hematology, 2018, 93, 1451-1460. | 4.1 | 28 |
| 111 | Influence of the MTHFR C677T Polymorphism on Magnetic Resonance Imaging Hyperintensity Volume and Cognition in Geriatric Depression. American Journal of Geriatric Psychiatry, 2009, 17, 847-855. | 1.2 | 27 |
| 112 | DNA Copy Number Variants of Known Glaucoma Genes in Relation to Primary Open-Angle Glaucoma. Investigative Ophthalmology and Visual Science, 2014, 55, 8251-8258. | 3.3 | 27 |
| 113 | Clonal hematopoiesis in sickle cell disease. Journal of Clinical Investigation, 2022, 132, . | 8.2 | 26 |
| 114 | Extension of multifactor dimensionality reduction for identifying multilocus effects in the GAW14 simulated data. BMC Genetics, 2005, 6, S145. | 2.7 | 25 |
| 115 | A new locus for dominant hereditary spastic paraplegia maps to chromosome 2p12. Neurogenetics, 2006, 7, 127-129. | 1.4 | 25 |
| 116 | Identification of Chiari Type I Malformation subtypes using whole genome expression profiles and cranial base morphometrics. BMC Medical Genomics, 2014, 7, 39. | 1.5 | 24 |
| 117 | A blood spot method for detecting fumonisin-induced changes in putative sphingolipid biomarkers in LM/Bc mice and humans. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 934-949. | 2.3 | 24 |
| 118 | SLITRK1 mutations in Trichotillomania. Molecular Psychiatry, 2006, 11, 888-889. | 7.9 | 23 |
| 119 | Effects of 5HTTLPR on Cardiovascular Response to an Emotional Stressor. Psychosomatic Medicine, 2011, 73, 318-322. | 2.0 | 22 |
| 120 | No association between RORA polymorphisms and PTSD in two independent samples. Molecular Psychiatry, 2014, 19, 1056-1057. | 7.9 | 22 |
| 121 | Angiotensin receptor gene polymorphisms and 2-year change in hyperintense lesion volume in men. Molecular Psychiatry, 2010, 15, 816-822. | 7.9 | 21 |
| 122 | The ATXN1 and TRIM31 genes are related to intelligence in an ADHD background: Evidence from a large collaborative study totaling 4,963 Subjects. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2011, 156, 145-157. | 1.7 | 21 |
| 123 | Association of Gene Variants of the Renin-Angiotensin System With Accelerated Hippocampal Volume Loss and Cognitive Decline in Old Age. American Journal of Psychiatry, 2014, 171, 1214-1221. | 7.2 | 21 |
| 124 | EFFECT OF THE APOE Îµ4 ALLELE AND COMBAT EXPOSURE ON PTSD AMONG IRAQ/AFGHANISTAN-ERA VETERANS. Depression and Anxiety, 2015, 32, 307-315. | 4.1 | 21 |
| 125 | Enhancing Discovery of Genetic Variants for Posttraumatic Stress Disorder Through Integration of Quantitative Phenotypes and Trauma Exposure Information. Biological Psychiatry, 2022, 91, 626-636. | 1.3 | 21 |
| 126 | Natural Food Folate and Late-Life Depression. Journal of Nutrition in Gerontology and Geriatrics, 2009, 28, 348-358. | 1.0 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Effects of Postnatal Parental Smoking on Parent and Teacher Ratings of ADHD and Oppositional Symptoms. Journal of Nervous and Mental Disease, 2009, 197, 442-449. | 1.0 | 19 |
| 128 | Central Nervous System Serotonin and Clustering of Hostility, Psychosocial, Metabolic, and Cardiovascular Endophenotypes in Men. Psychosomatic Medicine, 2010, 72, 601-607. | 2.0 | 19 |
| 129 | A Preliminary Analysis of Interactions Between Genotype, Retrospective ADHD Symptoms, and Initial Reactions to Smoking in a Sample of Young Adults. Nicotine and Tobacco Research, 2012, 14, 229-233. | 2.6 | 19 |
| 130 | Exome Analysis of Two Limb-Girdle Muscular Dystrophy Families: Mutations Identified and Challenges Encountered. PLoS ONE, 2012, 7, e48864. | 2.5 | 19 |
| 131 | Nicotinic receptor gene variants interact with attention deficient hyperactive disorder symptoms to predict smoking trajectories from early adolescence to adulthood. Addictive Behaviors, 2013, 38, 2683-2689. | 3.0 | 19 |
| 132 | Pregnancy continuation and organizational religious activity following prenatal diagnosis of a lethal fetal defect are associated with improved psychological outcome. Prenatal Diagnosis, 2015, 35, 761-768. | 2.3 | 19 |
| 133 | Transcriptome profiling of genes involved in neural tube closure during human embryonic development using long serial analysis of gene expression (longâ€SAGE). Birth Defects Research Part A: Clinical and Molecular Teratology, 2012, 94, 683-692. | 1.6 | 18 |
| 134 | Genetic correlations between intraocular pressure, blood pressure and primary open-angle glaucoma: a multi-cohort analysis. European Journal of Human Genetics, 2017, 25, 1261-1267. | 2.8 | 18 |
| 135 | Rare and de novo coding variants in chromodomain genes in Chiari I malformation. American Journal of Human Genetics, 2021, 108, 100-114. | 6.2 | 17 |
| 136 | The serotonin transporter gene polymorphism (5HTTLPR) moderates the effect of adolescent environmental conditions on self-esteem in young adulthood: A structural equation modeling approach. Biological Psychology, 2012, 91, 111-119. | 2.2 | 16 |
| 137 | Bipolar Disorder, Brain-Derived Neurotrophic Factor (BDNF) Val66Met Polymorphism and Brain Morphology. PLoS ONE, 2012, 7, e38469. | 2.5 | 16 |
| 138 | Folate metabolism genes, dietary folate and response to antidepressant medications in lateâ€life depression. International Journal of Geriatric Psychiatry, 2013, 28, 925-932. | 2.7 | 16 |
| 139 | Development of Common Data Elements for Use in Chiari Malformation Type I Clinical Research: An NIH/NINDS Project. Neurosurgery, 2019, 85, 854-860. | 1.1 | 16 |
| 140 | Interactions Between Genotype and Depressive Symptoms on Obesity. Behavior Genetics, 2009, 39, 296-305. | 2.1 | 15 |
| 141 | Linkage of familial essential tremor to chromosome 5q35. Movement Disorders, 2016, 31, 1059-1062. | 3.9 | 15 |
| 142 | APOE Îµ4 associated with preserved executive function performance and maintenance of temporal and cingulate brain volumes in younger adults. Brain Imaging and Behavior, 2017, 11, 194-204. | 2.1 | 15 |
| 143 | Genome-wide association study of subcortical brain volume in PTSD cases and trauma-exposed controls. Translational Psychiatry, 2017, 7, 1265. | 4.8 | 15 |
| 144 | A common functional PIEZO1 deletion allele associates with red blood cell density in sickle cell disease patients. American Journal of Hematology, 2018, 93, E362-E365. | 4.1 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Testosterone Pathway Genetic Polymorphisms in Relation to Primary Open-Angle Glaucoma: An Analysis in Two Large Datasets. , 2018, 59, 629. | | 14 |
| 146 | Potential causal role of l-glutamine in sickle cell disease painful crises: A Mendelian randomization analysis. Blood Cells, Molecules, and Diseases, 2021, 86, 102504. | 1.4 | 14 |
| 147 | Fine mapping and genetic heterogeneity in the pure form of autosomal dominant familial spastic paraplegia. Neurogenetics, 2001, 3, 91-97. | 1.4 | 13 |
| 148 | IL28B rs12979860 is not associated with histologic features of NAFLD in a cohort of Caucasian North American patients. Journal of Hepatology, 2013, 58, 402-403. | 3.7 | 13 |
| 149 | Missing genetic risk in neural tube defects: Can exome sequencing yield an insight?. Birth Defects Research Part A: Clinical and Molecular Teratology, 2014, 100, 642-646. | 1.6 | 13 |
| 150 | Systematic Functional Testing of Rare Variants: Contributions of CFI to Age-Related Macular Degeneration. , 2017, 58, 1570. | | 13 |
| 151 | PCM1 is necessary for focal ciliary integrity and is a candidate for severe schizophrenia. Nature Communications, 2020, 11, 5903. | 12.8 | 13 |
| 152 | Pulmonary Hypertension in SS, SC and SÎ² Thalassemia: Prevalence, Associated Clinical Syndromes, and Mortality.. Blood, 2004, 104, 1663-1663. | 1.4 | 13 |
| 153 | Effects of Single Nucleotide Polymorphisms of the Î²2 Adrenergic Receptor and of Adenylate Cyclase on Sickle Red Cell Adhesion to Laminin.. Blood, 2004, 104, 3565-3565. | 1.4 | 13 |
| 154 | Association of Variant rs4790904 in Protein Kinase C Alpha with Posttraumatic Stress Disorder in a U.S. Caucasian and African-American Veteran Sample. Journal of Depression & Anxiety, 2013, 02, S4001. | 0.1 | 13 |
| 155 | Refinement of 2q and 7p loci in a large multiplex NTD family. Birth Defects Research Part A: Clinical and Molecular Teratology, 2008, 82, 441-452. | 1.6 | 12 |
| 156 | The association of single-nucleotide polymorphisms in theÂoxytocin receptor and G proteinâ€“coupled receptor kinase 6 ( GRK6 ) genes with oxytocin dosing requirements and labor outcomes. American Journal of Obstetrics and Gynecology, 2017, 217, 367.e1-367.e9. | 1.3 | 12 |
| 157 | Rare functional genetic variants in COL7A1, COL6A5, COL1A2 and COL5A2 frequently occur in Chiari Malformation Type 1. PLoS ONE, 2021, 16, e0251289. | 2.5 | 12 |
| 158 | Sex and Menopause Modify the Effect of Single Nucleotide Polymorphism Genotypes on Fibrosis in NAFLD. Hepatology Communications, 2021, 5, 598-607. | 4.3 | 12 |
| 159 | Gene Expression Analysis in Three Posttraumatic Stress Disorder Cohorts Implicates Inflammation and Innate Immunity Pathways and Uncovers Shared Genetic Risk With Major Depressive Disorder. Frontiers in Neuroscience, 2021, 15, 678548. | 2.8 | 12 |
| 160 | Determining Genetic Component of a Disease. , 0, , 91-115. | | 11 |
| 161 | Rapid decline in estimated glomerular filtration rate in sickle cell anemia: results of a multicenter pooled analysis. Haematologica, 2021, 106, 1749-1753. | 3.5 | 11 |
| 162 | Linkage to a known gene but no mutation identified: comprehensive reanalysis ofSPG4 HSP pedigrees reveals large deletions as the sole cause. Human Mutation, 2007, 28, 739-740. | 2.5 | 10 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Joint eQTL assessment of whole blood and dura mater tissue from individuals with Chiari type I malformation. BMC Genomics, 2015, 16, 11. | 2.8 | 10 |
| 164 | Thrombospondinâ€1 gene polymorphism is associated with estimated pulmonary artery pressure in patients with sickle cell anemia. American Journal of Hematology, 2017, 92, E31-E34. | 4.1 | 10 |
| 165 | Examining Individual and Synergistic Contributions of PTSD and Genetics to Blood Pressure: A Trans-Ethnic Meta-Analysis. Frontiers in Neuroscience, 2021, 15, 678503. | 2.8 | 10 |
| 166 | Sex dependent glial-specific changes in the chromatin accessibility landscape in late-onset Alzheimerâ€™s disease brains. Molecular Neurodegeneration, 2021, 16, 58. | 10.8 | 10 |
| 167 | A multiâ€institutional comparison of younger and older adults with sickle cell disease. American Journal of Hematology, 2019, 94, E115-E117. | 4.1 | 9 |
| 168 | Genetic predictors of hippocampal subfield volume in PTSD cases and trauma-exposed controls. HÃ¶gre Utbildning, 2020, 11, 1785994. | 3.0 | 8 |
| 169 | Genetic dissection of Chiari malformation type 1 using endophenotypes and stratification. Journal of Rare Diseases Research & Treatment, 2017, 2, 35-42. | 1.1 | 8 |
| 170 | Diversity of variant alleles encoding <scp>Kidd, Duffy, and Kell</scp> antigens in individuals with sickle cell disease using whole genome sequencing data from the <scp>NHLBI TOPMed Program</scp>. Transfusion, 2021, 61, 603-616. | 1.6 | 7 |
| 171 | Burden of rare deleterious variants in WNT signaling genes among 511 myelomeningocele patients. PLoS ONE, 2020, 15, e0239083. | 2.5 | 7 |
| 172 | Lipid levels are associated with a regulatory polymorphism of the monoamine oxidase-A gene promoter (MAOA-uVNTR). Medical Science Monitor, 2008, 14, CR57-61. | 1.1 | 7 |
| 173 | Alcohol use and alcohol use disorder differ in their genetic relationships with PTSD: A genomic structural equation modelling approach. Drug and Alcohol Dependence, 2022, 234, 109430. | 3.2 | 7 |
| 174 | Effect of genetic variation in the nicotinic receptor genes on risk for posttraumatic stress disorder. Psychiatry Research, 2015, 229, 326-331. | 3.3 | 6 |
| 175 | Age at natural menopause genetic risk score in relation to age at natural menopause and primary open-angle glaucoma in a US-based sample. Menopause, 2017, 24, 150-156. | 2.0 | 6 |
| 176 | Genetic Polymorphisms Associated with Risk for Pulmonary Hypertension and Proteinuria in Sickle Cell Disease.. Blood, 2004, 104, 1668-1668. | 1.4 | 6 |
| 177 | Further Investigation of the Role of Factor XIII in Priapism Associated with SCD.. Blood, 2007, 110, 3407-3407. | 1.4 | 6 |
| 178 | The role of lysyl oxidase-like 1 DNA copy number variants in exfoliation glaucoma. Molecular Vision, 2012, 18, 2976-81. | 1.1 | 6 |
| 179 | Design, methodological issues and participation in a multiple sclerosis case-control study. Acta Neurologica Scandinavica, 2012, 126, 197-204. | 2.1 | 5 |
| 180 | Further evidence for a role of the ADRB2 gene in risk for posttraumatic stress disorder. Journal of Psychiatric Research, 2017, 84, 59-61. | 3.1 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | Whole Genome Sequencing Identifies CRISPLD2 as a Lung Function Gene in Children With Asthma. Chest, 2019, 156, 1068-1079. | 0.8 | 5 |
| 182 | Identification of novel candidate risk genes for myelomeningocele within the glucose homeostasis/oxidative stress and folate/oneâ€carbon metabolism networks. Molecular Genetics & Genomic Medicine, 2020, 8, e1495. | 1.2 | 5 |
| 183 | Clinical and Genetic Profiles of the Aging Sickle Cell Patient.. Blood, 2005, 106, 75-75. | 1.4 | 5 |
| 184 | Longitudinal study of glomerular hyperfiltration in adults with sickle cell anemia: a multicenter pooled analysis. Blood Advances, 2022, 6, 4461-4470. | 5.2 | 5 |
| 185 | Testing for contributions of mitochondrial DNA mutations to complex diseases. , 1998, 15, 451-469. | | 4 |
| 186 | Genetic Association Analyses of Nitric Oxide Synthase Genes and Neural Tube Defects Vary by Phenotype. Birth Defects Research Part B: Developmental and Reproductive Toxicology, 2013, 98, 365-373. | 1.4 | 4 |
| 187 | Factors Related to the Progression of Sickle Cell Disease Nephropathy. Blood, 2016, 128, 9-9. | 1.4 | 4 |
| 188 | Clinical Characteristics Associated with Survival in Adult Sickle Cell Disease. Blood, 2012, 120, 3229-3229. | 1.4 | 4 |
| 189 | Trauma and posttraumatic stress disorder modulate polygenic predictors of hippocampal and amygdala volume. Translational Psychiatry, 2021, 11, 637. | 4.8 | 4 |
| 190 | Duffy (Fy), DARC, and neutropenia among women from the United States, Europe and the Caribbean. British Journal of Haematology, 2009, 145, 266-267. | 2.5 | 3 |
| 191 | Generalized Admixture Mapping for Complex Traits. G3: Genes, Genomes, Genetics, 2013, 3, 1165-1175. | 1.8 | 3 |
| 192 | RNA sequencing of isolated cell populations expressing human APOL1 G2 risk variant reveals molecular correlates of sickle cell nephropathy in zebrafish podocytes. PLoS ONE, 2019, 14, e0217042. | 2.5 | 3 |
| 193 | Genetic variation in dopamine neurotransmission and motor development of infants born extremelyâ€lowâ€birthweight. Developmental Medicine and Child Neurology, 2020, 62, 750-757. | 2.1 | 3 |
| 194 | Serum albumin is independently associated with higher mortality in adult sickle cell patients: Results of three independent cohorts. PLoS ONE, 2020, 15, e0237543. | 2.5 | 3 |
| 195 | Genes Associated with Alloimmunization to Blood Group Antigens in Sickle Cell Disease. Blood, 2014, 124, 762-762. | 1.4 | 3 |
| 196 | In Vivo Modeling Of Genetic Mechanisms Associated With Sickle Cell Disease Nephropathy. Blood, 2013, 122, 2224-2224. | 1.4 | 3 |
| 197 | Genome-Wide Studies in Sickle Cell Anemia Show Associations Between SNPs in the Olfactory Receptor Gene Cluster and Fetal Hemoglobin Concentration.. Blood, 2009, 114, 821-821. | 1.4 | 2 |
| 198 | Genetics of the Chiari I and II Malformations. , 2020, , 289-297. | | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | Adverse subpopulation regression for multivariate outcomes with highâ€dimensional predictors. Statistics in Medicine, 2012, 31, 4102-4113. | 1.6 | 1 |
| 200 | Genetics of the Chiari I and II Malformations. , 2013, , 93-101. | | 1 |
| 201 | Genome Wide Association Analysis of Iron Overload in the Trans-Omics for Precision Medicine (TOPMed) Sickle Cell Disease Cohorts. Blood, 2020, 136, 52-52. | 1.4 | 1 |
| 202 | Polymorphisms in TNFÎ± Are Associated with Cerebrovascular Events in Sickle Cell Disease.. Blood, 2009, 114, 1540-1540. | 1.4 | 1 |
| 203 | Hydroxyurea Induces Genome-Wide Epigenetic Changes In Sickle Cell Disease. Blood, 2010, 116, 2670-2670. | 1.4 | 1 |
| 204 | Inflammatory Polymorphisms Link the Risk of Acute Chest Syndrome with Asthma in Adults with Sickle Cell Disease. Blood, 2011, 118, 1072-1072. | 1.4 | 1 |
| 205 | Genes Associated with Survival in Adult Sickle Cell Disease. Blood, 2014, 124, 2719-2719. | 1.4 | 1 |
| 206 | Interaction of HLA-DRB1*1501 and TNF-Alpha in a Population-based Case-control Study of Multiple Sclerosis. Immunology and Infectious Diseases, 2013, 1, 10-17. | 0.1 | 1 |
| 207 | Priapism in SCD: Clinical and Genetic Correlations.. Blood, 2005, 106, 3174-3174. | 1.4 | 0 |
| 208 | Genetic Polymorphisms Associated with Priapism in Sickle Cell Disease.. Blood, 2006, 108, 789-789. | 1.4 | 0 |
| 209 | The Effects of Chronic Opiates Pain Therapy in Sickle Cell Anemia.. Blood, 2007, 110, 3404-3404. | 1.4 | 0 |
| 210 | Prolonged Survival despite High Disease Burden in Elderly (â‰¥55) Patients with Hb SS or Hb SÎ²0 Thalassemia. Blood, 2008, 112, 710-710. | 1.4 | 0 |
| 211 | Genetic Variation In MYH9 Is Associated with Sickle Cell Disease Nephropathy. Blood, 2010, 116, 1648-1648. | 1.4 | 0 |
| 212 | Anti-Inflammatory Markers Are Associated with Glomerular Filtration Rate In Adults with Sickle Cell Disease.. Blood, 2010, 116, 1652-1652. | 1.4 | 0 |
| 213 | An Elevated Tricuspid Regurgitant Jet Velocity in Sickle Cell Disease Is Associated with Polymorphisms in Genes Impacting Innate Immunity. Blood, 2011, 118, 514-514. | 1.4 | 0 |
| 214 | Genetic and Epigenetic Regulation of the Gamma Globin Locus Is Associated with Fetal Hemoglobin Levels and Frequency of Pain in Sickle Cell Disease. Blood, 2012, 120, 3230-3230. | 1.4 | 0 |
| 215 | Evidence for a Dominant Negative Effect Conferred By the APOL1 G2 Sickle Cell Nephropathy Risk Allele in an in Vivo Model. Blood, 2014, 124, 1374-1374. | 1.4 | 0 |
| 216 | Genome-Wide Association Study of Glomerular Filtration Rate in a Cohort of Sickle Cell Disease Patients. Blood, 2014, 124, 1381-1381. | 1.4 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 217 | Genome-Wide Evaluation of Epistasis with APOL1 Risk Variants in Sickle Cell Disease Nephropathy. Blood, 2015, 126, 3401-3401. | 1.4 | 0 |
| 218 | GWAS Meta-Analysis of Glomerular Filtration Rate in Three Cohorts of Sickle Cell Disease Patients and In Vivo Functional Analysis Reveals Potential Nephropathy Candidate Genes. Blood, 2016, 128, 269-269. | 1.4 | 0 |
| 219 | Thrombospondin-1 Polymorphisms Are Associated with Chronic Kidney Disease in Sickle Cell Anemia. Blood, 2016, 128, 2491-2491. | 1.4 | 0 |
| 220 | Mechanism Underlying a Role for Factor XIII (FXIII) Polymorphism in Sickle Cell Disease-Associated Priapism. Blood, 2018, 132, 2361-2361. | 1.4 | 0 |
| 221 | Title is missing!. , 2020, 15, e0237543. | | 0 |
| 222 | Title is missing!. , 2020, 15, e0237543. | | 0 |
| 223 | Title is missing!. , 2020, 15, e0237543. | | 0 |
| 224 | Title is missing!. , 2020, 15, e0237543. | | 0 |
| 225 | Title is missing!. , 2020, 15, e0237543. | | 0 |
| 226 | Title is missing!. , 2020, 15, e0237543. | | 0 |
| 227 | Burden of rare deleterious variants in WNT signaling genes among 511 myelomeningocele patients. , 2020, 15, e0239083. | | 0 |
| 228 | Burden of rare deleterious variants in WNT signaling genes among 511 myelomeningocele patients. , 2020, 15, e0239083. | | 0 |
| 229 | Burden of rare deleterious variants in WNT signaling genes among 511 myelomeningocele patients. , 2020, 15, e0239083. | | 0 |
| 230 | Burden of rare deleterious variants in WNT signaling genes among 511 myelomeningocele patients. , 2020, 15, e0239083. | | 0 |