Gary W Beecham

List of Publications by Citations

104 papers	5,604 citations	24 h-index	74 g-index
131 ext. papers	7,610 ext. citations	5.9 avg, IF	4.27 L-index

#	Paper	IF	Citations
104	Meta-analysis of 74,046 individuals identifies 11 new susceptibility loci for Alzheimer's disease. *Nature Genetics*, **2013**, 45, 1452-8	36.3	2714
103	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A tau, immunity and lipid processing. *Nature Genetics*, **2019**, 51, 414-430	36.3	917
102	Genome-wide association study implicates a chromosome 12 risk locus for late-onset Alzheimer disease. *American Journal of Human Genetics*, **2009**, 84, 35-43	11	215
101	Convergent genetic and expression data implicate immunity in Alzheimer's disease. *Alzheimer's and Dementia*, **2015**, 11, 658-71	1.2	146
100	Sex-Specific Association of Apolipoprotein E With Cerebrospinal Fluid Levels of Tau. *JAMA Neurology*, **2018**, 75, 989-998	17.2	142
99	Large-scale GWAS reveals insights into the genetic architecture of same-sex sexual behavior. *Science*, **2019**, 365,	33.3	139
98	Effects of multiple genetic loci on age at onset in late-onset Alzheimer disease: a genome-wide association study. *JAMA Neurology*, **2014**, 71, 1394-404	17.2	129
97	Exceptionally low likelihood of Alzheimer's dementia in APOE2 homozygotes from a 5,000-person neuropathological study. *Nature Communications*, **2020**, 11, 667	17.4	113
96	Whole exome sequencing study identifies novel rare and common Alzheimer's-Associated variants involved in immune response and transcriptional regulation. *Molecular Psychiatry*, **2020**, 25, 1859-1875	15.1	106
95	Gene-wide analysis detects two new susceptibility genes for Alzheimer's disease. *PLoS ONE*, **2014**, 9, e94661	3.7	90
94	The Alzheimer's Disease Sequencing Project: Study design and sample selection. *Neurology: Genetics*, **2017**, 3, e194	3.8	64
93	C9ORF72 intermediate repeat copies are a significant risk factor for Parkinson disease. *Annals of Human Genetics*, **2013**, 77, 351-63	2.2	60
92	Repeat expansions in the C9ORF72 gene contribute to Alzheimer's disease in Caucasians. *Neurobiology of Aging*, **2013**, 34, 1519.e5-12	5.6	60
91	Ancestral origin of ApoE 4 Alzheimer disease risk in Puerto Rican and African American populations. *PLoS Genetics*, **2018**, 14, e1007791	6	56
90	Integrated whole transcriptome and DNA methylation analysis identifies gene networks specific to late-onset Alzheimer's disease. *Journal of Alzheimer's Disease*, **2015**, 44, 977-87	4.3	45
89	ABCA7 frameshift deletion associated with Alzheimer disease in African Americans. *Neurology: Genetics*, **2016**, 2, e79	3.8	43
88	PARK10 is a major locus for sporadic neuropathologically confirmed Parkinson disease. *Neurology*, **2015**, 84, 972-80	6.5	38

87	Sex differences in the genetic predictors of Alzheimer's pathology. *Brain*, **2019**, 142, 2581-2589	11.2	32
86	Segregation of a rare TTC3 variant in an extended family with late-onset Alzheimer disease. *Neurology: Genetics*, **2016**, 2, e41	3.8	31
85	Early-Onset Alzheimer Disease and Candidate Risk Genes Involved in Endolysosomal Transport. *JAMA Neurology*, **2017**, 74, 1113-1122	17.2	30
84	Genome-Wide Association Study of Male Sexual Orientation. *Scientific Reports*, **2017**, 7, 16950	4.9	28
83	Global and local ancestry in African-Americans: Implications for Alzheimer's disease risk. *Alzheimer's and Dementia*, **2016**, 12, 233-43	1.2	27
82	Genome-wide brain DNA methylation analysis suggests epigenetic reprogramming in Parkinson disease. *Neurology: Genetics*, **2019**, 5, e342	3.8	27
81	Late-onset vs nonmendelian early-onset Alzheimer disease: A distinction without a difference?. *Neurology: Genetics*, **2020**, 6, e512	3.8	24
80	Overlap between Parkinson disease and Alzheimer disease in ABCA7 functional variants. *Neurology: Genetics*, **2016**, 2, e44	3.8	23
79	A rare missense variant of CASP7 is associated with familial late-onset Alzheimer's disease. *Alzheimer's and Dementia*, **2019**, 15, 441-452	1.2	22
78	Properties of global- and local-ancestry adjustments in genetic association tests in admixed populations. *Genetic Epidemiology*, **2018**, 42, 214-229	2.6	21
77	Variation in SIPA1L2 is correlated with phenotype modification in Charcot- Marie- Tooth disease type 1A. *Annals of Neurology*, **2019**, 85, 316-330	9.4	20
76	Haplotype-specific modulation of a SOX10/CREB response element at the Charcot-Marie-Tooth disease type 4C locus SH3TC2. *Human Molecular Genetics*, **2014**, 23, 5171-87	5.6	20
75	Early-Onset Alzheimer's Disease: What Is Missing in Research?. *Current Neurology and Neuroscience Reports*, **2021**, 21, 4	6.6	20
74	Genome-wide linkage analyses of non-Hispanic white families identify novel loci for familial late-onset Alzheimer's disease. *Alzheimer's and Dementia*, **2016**, 12, 2-10	1.2	18
73	PCDH11X variation is not associated with late-onset Alzheimer disease susceptibility. *Psychiatric Genetics*, **2010**, 20, 321-4	2.9	15
72	Rare genetic variation implicated in non-Hispanic white families with Alzheimer disease. *Neurology: Genetics*, **2018**, 4, e286	3.8	15
71	Genome-wide pleiotropy analysis of neuropathological traits related to Alzheimer's disease. *Alzheimer's Research and Therapy*, **2018**, 10, 22	9	13
70	Modifier Gene Candidates in Charcot-Marie-Tooth Disease Type 1A: A Case-Only Genome-Wide Association Study. *Journal of Neuromuscular Diseases*, **2019**, 6, 201-211	5	11

69	APOE is not associated with Alzheimer disease: a cautionary tale of genotype imputation. *Annals of Human Genetics*, **2010**, 74, 189-94	2.2	11
68	The executive prominent/memory prominent spectrum in Alzheimer's disease is highly heritable. *Neurobiology of Aging*, **2016**, 41, 115-121	5.6	10
67	DNA variants in CACNA1C modify Parkinson disease risk only when vitamin D level is deficient. *Neurology: Genetics*, **2016**, 2, e72	3.8	10
66	Genomewide Association Studies of LRRK2 Modifiers of Parkinson's Disease. *Annals of Neurology*, **2021**, 90, 76-88	9.4	9
65	Genetic Characterization and Influence on Inflammatory Bowel Disease Expression in a Diverse Hispanic South Florida Cohort. *Clinical and Translational Gastroenterology*, **2017**, 8, e87	4.2	8
64	RNA editing alterations in a multi-ethnic Alzheimer disease cohort converge on immune and endocytic molecular pathways. *Human Molecular Genetics*, **2019**, 28, 3053-3061	5.6	7
63	Use of local genetic ancestry to assess -523' and risk for Alzheimer disease. *Neurology: Genetics*, **2020**, 6, e404	3.8	7
62	The Utility of the National Alzheimer's Coordinating Center's Database for the Rapid Assessment of Evolving Neuropathologic Conditions. *Alzheimer Disease and Associated Disorders*, **2020**, 34, 105-111	2.5	6
61	Linkage analysis of multiplex Caribbean Hispanic families loaded for unexplained early-onset cases identifies novel Alzheimer's disease loci. *Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring*, **2018**, 10, 554-562	5.2	5
60	Genome studies must account for history-Response. *Science*, **2019**, 366, 1461-1462	33.3	4
59	Increased APOE ε4 expression is associated with the difference in Alzheimer's disease risk from diverse ancestral backgrounds. *Alzheimer's and Dementia*, **2021**, 17, 1179-1188	1.2	4
58	The Puerto Rico Alzheimer Disease Initiative (PRADI): A Multisource Ascertainment Approach. *Frontiers in Genetics*, **2019**, 10, 538	4.5	3
57	Response to Comment on "Large-scale GWAS reveals insights into the genetic architecture of same-sex sexual behavior". *Science*, **2021**, 371,	33.3	2
56	O1-03-03: Identification of Novel Candidate Genes for Early-Onset Alzheimer's Disease Through Integrated Whole-Exome Sequencing and Exome Chip Array Association Analysis **2016**, 12, P177-P178		2
55	Dissecting the role of Amerindian genetic ancestry and the ApoE ε4 allele on Alzheimer disease in an admixed Peruvian population. *Neurobiology of Aging*, **2021**, 101, 298.e11-298.e15	5.6	2
54	Genomic evidence consistent with antagonistic pleiotropy may help explain the evolutionary maintenance of same-sex sexual behaviour in humans. *Nature Human Behaviour*, **2021**, 5, 1251-1258	12.8	2
53	[O2□8□3]: WHOLE-GENOME SEQUENCING IN FAMILIAL LATE-ONSET ALZHEIMER's DISEASE IDENTIFIES RARE VARIATION IN AD CANDIDATE GENES **2017**, 13, P571-P572		1
52	Exome sequencing identifies rare damaging variants in the ATP8B4 and ABCA1 genes as novel risk factors for Alzheimer□ Disease		1

51	Genome-Wide Linkage Study Meta-Analysis of Male Sexual Orientation. *Archives of Sexual Behavior*, **2021**, 50, 3371-3375	3.5	1
50	P1-018: Rare Deleterious And Loss-of-Function Variants in OPRL1 and GAS2L2 Contribute to the Risk of Late-Onset Alzheimer's Disease: Alzheimer's Disease Sequencing Project Case-Control Study **2016**, 12, P406-P406		1
49	Pedigree Selection and Information Content. *Current Protocols in Human Genetics*, **2018**, 97, e56	3.2	1
48	Functional analysis of candidate genes identified through whole genome sequencing in Caribbean Hispanic families for late-onset Alzheimer disease. *Alzheimer's and Dementia*, **2020**, 16, e046017	1.2	0
47	Linkage of Alzheimer disease families with Puerto Rican ancestry identifies a chromosome 9 locus. *Neurobiology of Aging*, **2021**, 104, 115.e1-115.e7	5.6	0
46	Genome-Wide Linkage and Association Study of Childhood Gender Nonconformity in Males. *Archives of Sexual Behavior*, **2021**, 50, 3377-3383	3.5	0
45	APOE-stratified genome-wide association analysis identifies novel Alzheimer disease candidate risk loci for African Americans.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 3, e056383	1.2	0
44	Recruitment strategies for the genetics of Alzheimer disease in the Puerto Rican population. *Alzheimer's and Dementia*, **2020**, 16, e043468	1.2	
43	Exploring the role of Amerindian genetic ancestry and ApoE4 gene on Alzheimer disease in the Peruvian population. *Alzheimer's and Dementia*, **2020**, 16, e045012	1.2	
42	A multiancestry analysis of Alzheimer's disease coexpressed gene networks identifies a common immune signaling pathway regulated by granulocyte-colony stimulating factor (G-CSF). *Alzheimer's and Dementia*, **2020**, 16, e045361	1.2	
41	Increased APOE-e4 expression is associated with reactive A1 astrocytes and may confer the difference in Alzheimer disease risk from different ancestral backgrounds. *Alzheimer's and Dementia*, **2020**, 16, e045415	1.2	
40	Assessing whole genome sequencing variation for Alzheimer's disease in 4707 individuals from the Alzheimer's Disease Sequencing Project (ADSP). *Alzheimer's and Dementia*, **2020**, 16, e045548	1.2	
39	Transcriptomic characterization of a Puerto Rican Alzheimer disease cohort implicates convergent immune-related pathways. *Alzheimer's and Dementia*, **2020**, 16, e045890	1.2	
38	Southern European genetic ancestry shows reduced APOE E4 risk for Alzheimer disease in Caribbean Hispanic population. *Alzheimer's and Dementia*, **2020**, 16, e045951	1.2	
37	Multimodal genome-wide meta-analysis of brain amyloidosis reveals heterogeneity across CSF, PET, and pathological amyloid measures. *Alzheimer's and Dementia*, **2020**, 16, e046009	1.2	
36	The effect of global ancestry and diabetes on the 3MS score in older Puerto Ricans. *Alzheimer's and Dementia*, **2020**, 16, e046051	1.2	
35	Mapping Alzheimer disease‐associated regions in the African American population. *Alzheimer's and Dementia*, **2020**, 16, e046072	1.2	
34	Education and its effect on risk and age at onset in Alzheimer disease (AD) in African Americans. *Alzheimer's and Dementia*, **2020**, 16, e046078	1.2	

33	Recruiting African American males in Alzheimer's disease education and genetics research. *Alzheimer's and Dementia*, **2020**, 16, e046178	1.2
32	[P3094]: RESOURCE OF MULTIPLEX AFRICAN AMERICAN FAMILIES FOR WHOLE-GENOME SEQUENCING **2017**, 13, P970-P970	
31	[P2075]: INFLUENCE OF COMMUNITY ENGAGED FAMILY CONNECTOR IN RECRUITING AND ASCERTAINING AFRICAN AMERICANS' FAMILY MEMBERS FOR GENOMIC RESEARCH **2017**, 13, P634-P635	
30	[P2102]: THE PUERTO RICO ALZHEIMER DISEASE INITIATIVE (PRADI): A MULTISOURCE ASCERTAINMENT APPROACH **2017**, 13, P646-P646	
29	[P2105]: COLLECTION OF MULTIPLEX FAMILIES WITH UNEXPLAINED EARLY-ONSET ALZHEIMER's DISEASE FOR GENOMIC RESEARCH **2017**, 13, P647-P647	
28	[P2124]: THE PUERTO RICAN ALZHEIMER DISEASE INITIATIVE (PRADI): INITIAL CLINICAL FINDINGS **2017**, 13, P654-P655	
27	[O2080]2]: SEX-SPECIFIC ANALYSIS OF THE ADSP CASE-CONTROL WHOLE-EXOME SEQUENCING DATASET **2017**, 13, P571	
26	[P2113]: THE RELEVANCE OF APOE4 TO ALZHEIMER's DISEASE IN THE PRESENCE OF LOCAL ANCESTRY DIFFERENCES. *Alzheimer's and Dementia*, **2017**, 13, P650	1.2
25	F1-01-02: Alzheimer's Disease Sequencing Project: Search for Alzheimer's Disease Resilience Genes That May Modify Disease Susceptibility in Specific Apoe Genotype Backgrounds **2016**, 12, P162-P163	
24	P2-077: Alzheimer's Disease Sequencing Project: Search for Alzheimer's Disease Resilience Genes That May Modify Disease Susceptibility in Specific Apoe Genotype Backgrounds **2016**, 12, P638-P638	
23	F1-01-03: Rare Deleterious and Loss-of-Function Variants in OPRL1 and GAS2L2 Contribute to the Risk of Late-Onset Alzheimer's Disease: Alzheimer's Disease Sequencing Project Case-Control Study **2016**, 12, P163-P163	
22	O1-03-02: ABCA7 Frameshift Deletion Associated with Alzheimer's Disease in African Americans **2016**, 12, P177-P177	
21	O1-03-05: High-Resolution Imputation in Genome-Wide Association Studies of Late-Onset Alzheimer's Disease Identifies Novel Rare Variant Associations **2016**, 12, P178-P179	
20	O1-09-02: Whole Exome Sequencing of Late Onset Multiplex Families Identifies Rare Coding Variants in Known and Novel Alzheimer's Disease Genes **2016**, 12, P196-P197	
19	O1-09-03: Whole Genome Sequencing in Familial Late-Onset Alzheimer's Disease Identifies Variations in TTC3 and FSIP2 **2016**, 12, P197-P197	
18	P1-122: Multivariate Phenotypes Association Study of Neuropathological Features of Alzheimer's Disease and Related Dementias **2016**, 12, P450-P450	
17	P3-034: CONTINUOUS COMMUNITY ENGAGEMENT IMPROVES RECRUITMENT OF OLDER AFRICAN AMERICANS FOR GENETIC STUDIES IN ALZHEIMER'S DISEASE **2018**, 14, P1077-P1078	
16	P1-156: GENE-BASED ANALYSES IN WHOLE GENOME SEQUENCING OF FAMILIAL LATE-ONSET ALZHEIMER'S DISEASE **2018**, 14, P336-P337	

15	P2-106: AFRICAN AMERICAN WHOLE EXOME SEQUENCING SUGGESTS RISK CODING VARIANTS IN IDH1 GENE **2018**, 14, P709-P710	
14	P1-139: THE CONTRIBUTION OF SEX-SPECIFIC ASSOCIATIONS IN GENETIC STUDIES OF ALZHEIMER'S DISEASE PATHOLOGY **2018**, 14, P327-P328	
13	P1-154: GENOME-WIDE LINKAGE ANALYSES OF AFRICAN AMERICAN FAMILIES SUPPORTS EVIDENCE OF LINKAGE TO CHROMOSOME 12 **2018**, 14, P336-P336	
12	P2-121: APOLIPOPROTEIN E AND PHENOTYPIC FEATURES IN HISPANICS **2018**, 14, P715-P715	
11	P2-108: WHOLE-GENOME SEQUENCING IN NON-HISPANIC WHITE FAMILIES IMPLICATES RARE VARIATION IN LATE-ONSET ALZHEIMER'S DISEASE RISK **2018**, 14, P710-P710	
10	O2-01-05: MULTI-ETHNIC ALZHEIMER'S DISEASE RELATED CHANGES OF RNA EDITING AFFECT IMMUNE REGULATION, ENDOCYTOSIS, AND AMYLOID PRECURSOR PROTEIN CATABOLISM **2018**, 14, P609-P610	
9	O3-06-06: IDENTIFYING A PROTECTIVE VARIANT THAT LOWERS THE RISK FOR DEVELOPING AD IN APOE-E4 CARRIERS **2018**, 14, P1028-P1028	
8	Transgenic APOE4/4 overexpression induces reactivity in astrocytes with a European APOE4/4 local ancestry, but not in astrocytes with an African APOE4/4 local ancestry.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 3, e056397	1.2
7	Neuropathologic lesions and comorbidity in Alzheimer disease and related dementias in a heterogeneous clinical population.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 3, e056249	1.2
6	Heritability analyses show partial genetic overlap between (non-Mendelian) early and late onset Alzheimer disease due to an intriguing APOE effect.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 3, e056143	1.2
5	African locus reduces the effect of ApoE ε4 allele in Alzheimer's disease.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 3, e056210	1.2
4	Expression quantitative trait loci (eQTL) analysis in a diverse Alzheimer disease cohort reveals ancestry-specific regulatory architectures.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 3, e056211	1.2
3	Linkage analysis identifies novel loci in early-onset Alzheimer disease in non-Hispanic white families.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 3, e056427	1.2
2	Admixture mapping identifies novel regions influencing Alzheimer disease in African Americans.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 3, e056443	1.2
1	A large-scale, whole genome sequencing study of unexplained early-onset Alzheimer disease.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 3, e056664	1.2