

Minerva M Carrasquillo

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

20,937
citations

57631

44
h-index

58464

82
g-index

98
all docs

98
docs citations

98
times ranked

20485
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Meta-analysis of 74,046 individuals identifies 11 new susceptibility loci for Alzheimer's disease. <i>Nature Genetics</i> , 2013, 45, 1452-1458. | 9.4 | 3,741 |
| 2 | Genome-wide association study identifies variants at <i>CLU</i> and <i>PICALM</i> associated with Alzheimer's disease. <i>Nature Genetics</i> , 2009, 41, 1088-1093. | 9.4 | 2,697 |
| 3 | <i>TREM2</i> Variants in Alzheimer's Disease. <i>New England Journal of Medicine</i> , 2013, 368, 117-127. | 13.9 | 2,385 |
| 4 | Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates $A\beta$, tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019, 51, 414-430. | 9.4 | 1,962 |
| 5 | Common variants at <i>ABCA7</i> , <i>MS4A6A/MS4A4E</i> , <i>EPHA1</i> , <i>CD33</i> and <i>CD2AP</i> are associated with Alzheimer's disease. <i>Nature Genetics</i> , 2011, 43, 429-435. | 9.4 | 1,708 |
| 6 | Common variants at <i>MS4A4/MS4A6E</i> , <i>CD2AP</i> , <i>CD33</i> and <i>EPHA1</i> are associated with late-onset Alzheimer's disease. <i>Nature Genetics</i> , 2011, 43, 436-441. | 9.4 | 1,676 |
| 7 | Rare coding variants in <i>PLCG2</i> , <i>ABI3</i> , and <i>TREM2</i> implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , 2017, 49, 1373-1384. | 9.4 | 783 |
| 8 | Human whole genome genotype and transcriptome data for Alzheimer's and other neurodegenerative diseases. <i>Scientific Data</i> , 2016, 3, 160089. | 2.4 | 361 |
| 9 | Genetic Evidence Implicates the Immune System and Cholesterol Metabolism in the Aetiology of Alzheimer's Disease. <i>PLoS ONE</i> , 2010, 5, e13950. | 1.1 | 347 |
| 10 | Genetic variation in <i>PCDH11X</i> is associated with susceptibility to late-onset Alzheimer's disease. <i>Nature Genetics</i> , 2009, 41, 192-198. | 9.4 | 279 |
| 11 | A novel Alzheimer disease locus located near the gene encoding tau protein. <i>Molecular Psychiatry</i> , 2016, 21, 108-117. | 4.1 | 260 |
| 12 | High-Throughput Variation Detection and Genotyping Using Microarrays. <i>Genome Research</i> , 2001, 11, 1913-1925. | 2.4 | 258 |
| 13 | Genome-wide association study and mouse model identify interaction between <i>RET</i> and <i>EDNRB</i> pathways in Hirschsprung disease. <i>Nature Genetics</i> , 2002, 32, 237-244. | 9.4 | 255 |
| 14 | Brain Expression Genome-Wide Association Study (eGWAS) Identifies Human Disease-Associated Variants. <i>PLoS Genetics</i> , 2012, 8, e1002707. | 1.5 | 225 |
| 15 | Replication of <i>CLU</i> , <i>CR1</i> , and <i>PICALM</i> Associations With Alzheimer Disease. <i>Archives of Neurology</i> , 2010, 67, 961-4. | 4.9 | 188 |
| 16 | Assessment of the genetic variance of late-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016, 41, 200.e13-200.e20. | 1.5 | 174 |
| 17 | Convergent genetic and expression data implicate immunity in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015, 11, 658-671. | 0.4 | 173 |
| 18 | Effects of Multiple Genetic Loci on Age at Onset in Late-Onset Alzheimer Disease. <i>JAMA Neurology</i> , 2014, 71, 1394. | 4.5 | 166 |

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|----|---|-----|-----------|
| 19 | Transethnic genome-wide scan identifies novel Alzheimer's disease loci. <i>Alzheimer's and Dementia</i> , 2017, 13, 727-738. | 0.4 | 166 |
| 20 | Gene-Wide Analysis Detects Two New Susceptibility Genes for Alzheimer's Disease. <i>PLoS ONE</i> , 2014, 9, e94661. | 1.1 | 155 |
| 21 | Ataxin-2 repeat-length variation and neurodegeneration. <i>Human Molecular Genetics</i> , 2011, 20, 3207-3212. | 1.4 | 147 |
| 22 | Novel late-onset Alzheimer disease loci variants associate with brain gene expression. <i>Neurology</i> , 2012, 79, 221-228. | 1.5 | 144 |
| 23 | Genome-wide Screen Identifies rs646776 near Sortilin as a Regulator of Progranulin Levels in Human Plasma. <i>American Journal of Human Genetics</i> , 2010, 87, 890-897. | 2.6 | 130 |
| 24 | TREM2 is associated with increased risk for Alzheimer's disease in African Americans. <i>Molecular Neurodegeneration</i> , 2015, 10, 19. | 4.4 | 130 |
| 25 | Systematic analysis of dark and camouflaged genes reveals disease-relevant genes hiding in plain sight. <i>Genome Biology</i> , 2019, 20, 97. | 3.8 | 122 |
| 26 | Allele Frequency Distributions in Pooled DNA Samples: Applications to Mapping Complex Disease Genes. <i>Genome Research</i> , 1998, 8, 111-123. | 2.4 | 120 |
| 27 | Differential clinicopathologic and genetic features of late-onset amnesic dementias. <i>Acta Neuropathologica</i> , 2014, 128, 411-421. | 3.9 | 119 |
| 28 | Conserved brain myelination networks are altered in Alzheimer's and other neurodegenerative diseases. <i>Alzheimer's and Dementia</i> , 2018, 14, 352-366. | 0.4 | 116 |
| 29 | ABCA7 Deficiency Accelerates Amyloid- β^2 Generation and Alzheimer's Neuronal Pathology. <i>Journal of Neuroscience</i> , 2016, 36, 3848-3859. | 1.7 | 109 |
| 30 | Association of MAPT haplotypes with Alzheimer's disease risk and MAPT brain gene expression levels. <i>Alzheimer's Research and Therapy</i> , 2014, 6, 39. | 3.0 | 106 |
| 31 | Genetic risk factors for the posterior cortical atrophy variant of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2016, 12, 862-871. | 0.4 | 93 |
| 32 | Late-onset Alzheimer's risk variants in memory decline, incident mild cognitive impairment, and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015, 36, 60-67. | 1.5 | 90 |
| 33 | A nonsynonymous mutation in PLCG2 reduces the risk of Alzheimer's disease, dementia with Lewy bodies and frontotemporal dementia, and increases the likelihood of longevity. <i>Acta Neuropathologica</i> , 2019, 138, 237-250. | 3.9 | 87 |
| 34 | ABI3 and PLCG2 missense variants as risk factors for neurodegenerative diseases in Caucasians and African Americans. <i>Molecular Neurodegeneration</i> , 2018, 13, 53. | 4.4 | 75 |
| 35 | Large eQTL meta-analysis reveals differing patterns between cerebral cortical and cerebellar brain regions. <i>Scientific Data</i> , 2020, 7, 340. | 2.4 | 75 |
| 36 | Replication of EPHA1 and CD33 associations with late-onset Alzheimer's disease: a multi-centre case-control study. <i>Molecular Neurodegeneration</i> , 2011, 6, 54. | 4.4 | 67 |

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|----|---|-----|-----------|
| 37 | Late-onset Alzheimer disease risk variants mark brain regulatory loci. <i>Neurology: Genetics</i> , 2015, 1, e15. | 0.9 | 64 |
| 38 | Replication of BIN1 Association with Alzheimer's Disease and Evaluation of Genetic Interactions. <i>Journal of Alzheimer's Disease</i> , 2011, 24, 751-758. | 1.2 | 61 |
| 39 | Genome-wide association interaction analysis for Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014, 35, 2436-2443. | 1.5 | 61 |
| 40 | Investigation of 15 of the top candidate genes for late-onset Alzheimer's disease. <i>Human Genetics</i> , 2011, 129, 273-282. | 1.8 | 57 |
| 41 | Shared genetic contribution to ischemic stroke and Alzheimer's disease. <i>Annals of Neurology</i> , 2016, 79, 739-747. | 2.8 | 56 |
| 42 | The Role of Variation at APOE, PSEN1, PSEN2, and MAPT in Late Onset Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2012, 28, 377-387. | 1.2 | 53 |
| 43 | Late-onset Alzheimer disease genetic variants in posterior cortical atrophy and posterior AD. <i>Neurology</i> , 2014, 82, 1455-1462. | 1.5 | 51 |
| 44 | Gene expression, methylation and neuropathology correlations at progressive supranuclear palsy risk loci. <i>Acta Neuropathologica</i> , 2016, 132, 197-211. | 3.9 | 49 |
| 45 | Concordant Association of Insulin Degrading Enzyme Gene (IDE) Variants with IDE mRNA, APOE, and Alzheimer's Disease. <i>PLoS ONE</i> , 2010, 5, e8764. | 1.1 | 48 |
| 46 | A candidate regulatory variant at the <i>TREM2</i> gene cluster associates with decreased Alzheimer's disease risk and increased <i>TREML1</i> and <i>TREM2</i> brain gene expression. <i>Alzheimer's and Dementia</i> , 2017, 13, 663-673. | 0.4 | 48 |
| 47 | Divergent brain gene expression patterns associate with distinct cell-specific tau neuropathology traits in progressive supranuclear palsy. <i>Acta Neuropathologica</i> , 2018, 136, 709-727. | 3.9 | 47 |
| 48 | Transcriptomic analysis to identify genes associated with selective hippocampal vulnerability in Alzheimer's disease. <i>Nature Communications</i> , 2021, 12, 2311. | 5.8 | 44 |
| 49 | Identifying drug targets for neurological and psychiatric disease via genetics and the brain transcriptome. <i>PLoS Genetics</i> , 2021, 17, e1009224. | 1.5 | 43 |
| 50 | Deciphering cellular transcriptional alterations in Alzheimer's disease brains. <i>Molecular Neurodegeneration</i> , 2020, 15, 38. | 4.4 | 42 |
| 51 | Evaluation of memory endophenotypes for association with <i>CLU</i> , <i>CR1</i> , and <i>PICALM</i> variants in black and white subjects. <i>Alzheimer's and Dementia</i> , 2014, 10, 205-213. | | 40 |
| 52 | Tau and apolipoprotein E modulate cerebrovascular tight junction integrity independent of cerebral amyloid angiopathy in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, 1372-1383. | 0.4 | 34 |
| 53 | A Multi-Center Study of ACE and the Risk of Late-Onset Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 24, 587-597. | 1.2 | 33 |
| 54 | TMEM106B haplotypes have distinct gene expression patterns in aged brain. <i>Molecular Neurodegeneration</i> , 2018, 13, 35. | 4.4 | 30 |

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|----|---|-----|-----------|
| 55 | Ethnoracial differences in Alzheimer's disease from the FLorida Autopsied Multi-ethnic (FLAME) cohort. <i>Alzheimer's and Dementia</i> , 2019, 15, 635-643. | 0.4 | 29 |
| 56 | <i>ABCA7</i> loss-of-function variants, expression, and neurologic disease risk. <i>Neurology: Genetics</i> , 2017, 3, e126. | 0.9 | 26 |
| 57 | African American exome sequencing identifies potential risk variants at Alzheimer disease loci. <i>Neurology: Genetics</i> , 2017, 3, e141. | 0.9 | 25 |
| 58 | Male-specific epistasis between <i>WWC1</i> and <i>TLN2</i> genes is associated with Alzheimer's disease. <i>Neurobiology of Aging</i> , 2018, 72, 188.e3-188.e12. | 1.5 | 24 |
| 59 | Evaluating pathogenic dementia variants in posterior cortical atrophy. <i>Neurobiology of Aging</i> , 2016, 37, 38-44. | 1.5 | 23 |
| 60 | <i>MAPT</i> haplotype-stratified GWAS reveals differential association for AD risk variants. <i>Alzheimer's and Dementia</i> , 2020, 16, 983-1002. | 0.4 | 21 |
| 61 | SSLPs to map genetic differences between the 129 inbred strains and closed-colony, random-bred CD-1 mice. <i>Mammalian Genome</i> , 1997, 8, 441-442. | 1.0 | 18 |
| 62 | Genetically-controlled Vesicle-Associated Membrane Protein 1 expression may contribute to Alzheimer's pathophysiology and susceptibility. <i>Molecular Neurodegeneration</i> , 2015, 10, 18. | 4.4 | 13 |
| 63 | Linking Protective <i>GAB2</i> Variants, Increased Cortical <i>GAB2</i> Expression and Decreased Alzheimer's Disease Pathology. <i>PLoS ONE</i> , 2013, 8, e64802. | 1.1 | 13 |
| 64 | Alzheimer's disease and progressive supranuclear palsy share similar transcriptomic changes in distinct brain regions. <i>Journal of Clinical Investigation</i> , 2022, 132, . | 3.9 | 13 |
| 65 | <i>LRRTM3</i> Interacts with <i>APP</i> and <i>BACE1</i> and Has Variants Associating with Late-Onset Alzheimer's Disease (<i>LOAD</i>). <i>PLoS ONE</i> , 2013, 8, e64164. | 1.1 | 12 |
| 66 | Comparative evaluation for the globin gene depletion methods for mRNA sequencing using the whole blood-derived total RNAs. <i>BMC Genomics</i> , 2020, 21, 890. | 1.2 | 12 |
| 67 | Investigating Heterogeneity and Neuroanatomic Correlates of Longitudinal Clinical Decline in Atypical Alzheimer Disease. <i>Neurology</i> , 2022, 98, . | 1.5 | 12 |
| 68 | Plasma Biomarkers of Alzheimer's Disease in African Americans. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 323-334. | 1.2 | 11 |
| 69 | Identification of missing variants by combining multiple analytic pipelines. <i>BMC Bioinformatics</i> , 2018, 19, 139. | 1.2 | 10 |
| 70 | Genome-wide analysis identifies a novel <i>LINC-PINT</i> splice variant associated with vascular amyloid pathology in Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2021, 9, 93. | 2.4 | 9 |
| 71 | Investigating Statistical Epistasis in Complex Disorders. <i>Journal of Alzheimer's Disease</i> , 2011, 25, 635-644. | 1.2 | 8 |
| 72 | Association of <i>ABI3</i> and <i>PLCG2</i> missense variants with disease risk and neuropathology in Lewy body disease and progressive supranuclear palsy. <i>Acta Neuropathologica Communications</i> , 2020, 8, 172. | 2.4 | 8 |

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|----|--|-----|-----------|
| 73 | Commentary on Functional analysis of APOE Locus genetic variation implicates regional enhancers in the regulation of both TOMM40 and APOE. <i>Journal of Human Genetics</i> , 2012, 57, 3-4. | 1.1 | 6 |
| 74 | Evaluation of Associations of Alzheimer's Disease Risk Variants that Are Highly Expressed in Microglia with Neuropathological Outcome Measures. <i>Journal of Alzheimer's Disease</i> , 2019, 70, 659-666. | 1.2 | 6 |
| 75 | Latent trait modeling of tau neuropathology in progressive supranuclear palsy. <i>Acta Neuropathologica</i> , 2021, 141, 667-680. | 3.9 | 5 |
| 76 | Impact of variant-level batch effects on identification of genetic risk factors in large sequencing studies. <i>PLoS ONE</i> , 2021, 16, e0249305. | 1.1 | 5 |
| 77 | Comprehensive Screening for Disease Risk Variants in Early-Onset Alzheimer's Disease Genes in African Americans Identifies Novel PSEN Variants. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 1215-1222. | 1.2 | 4 |
| 78 | Modulating innate immune activation states impacts the efficacy of specific A β immunotherapy. <i>Molecular Neurodegeneration</i> , 2021, 16, 32. | 4.4 | 4 |
| 79 | Blood type gene locus has no influence on ACE association with Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015, 36, 1767.e1-1767.e2. | 1.5 | 2 |
| 80 | Transcript levels in plasma contribute substantial predictive value as potential Alzheimer's disease biomarkers in African Americans. <i>EBioMedicine</i> , 2022, , 103929. | 2.7 | 2 |
| 81 | Exonic Re-Sequencing of the Chromosome 2q24.3 Parkinson's Disease Locus. <i>PLoS ONE</i> , 2015, 10, e0128586. | 1.1 | 0 |