

Natalia Vilor-Tejedor

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

2,383
citations

430754

18
h-index

243529

44
g-index

60
all docs

60
docs citations

60
times ranked

4697
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016, 538, 248-252.	13.7	406
2	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019, 51, 804-814.	9.4	402
3	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. <i>Human Molecular Genetics</i> , 2016, 25, 389-403.	1.4	275
4	Differences Between Plasma and Cerebrospinal Fluid Glial Fibrillary Acidic Protein Levels Across the Alzheimer Disease Continuum. <i>JAMA Neurology</i> , 2021, 78, 1471.	4.5	204
5	Amyloid beta, tau, synaptic, neurodegeneration, and glial biomarkers in the preclinical stage of the Alzheimer's <i>continuum</i>. <i>Alzheimer's and Dementia</i> , 2020, 16, 1358-1371.	0.4	120
6	A Genome-Wide Association Meta-Analysis of Attention-Deficit/Hyperactivity Disorder Symptoms in Population-Based Pediatric Cohorts. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2016, 55, 896-905.e6.	0.3	112
7	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. <i>PLoS Genetics</i> , 2020, 16, e1008718.	1.5	95
8	New suggestive genetic loci and biological pathways for attention function in adult attentionâ€deficit/hyperactivity disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2015, 168, 459-470.	1.1	78
9	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. <i>Human Molecular Genetics</i> , 2019, 28, 3327-3338.	1.4	76
10	Effects of prenatal exposure to particulate matter air pollution on corpus callosum and behavioral problems in children. <i>Environmental Research</i> , 2019, 178, 108734.	3.7	55
11	Traffic-Related Air Pollution, <i>APOE</i> Î¼4 Status, and Neurodevelopmental Outcomes among School Children Enrolled in the BREATHE Project (Catalonia, Spain). <i>Environmental Health Perspectives</i> , 2018, 126, 087001.	2.8	53
12	CSF Synaptic Biomarkers in the Preclinical Stage of Alzheimer Disease and Their Association With MRI and PET. <i>Neurology</i> , 2021, 97, e2065-e2078.	1.5	40
13	Associations between air pollution and biomarkers of Alzheimerâ€™s disease in cognitively unimpaired individuals. <i>Environment International</i> , 2021, 157, 106864.	4.8	40
14	A genome-wide association meta-analysis of diarrhoeal disease in young children identifies <i>FUT2</i> locus and provides plausible biological pathways. <i>Human Molecular Genetics</i> , 2016, 25, 4127-4142.	1.4	35
15	Heritability and Genome-Wide Association Analyses of Sleep Duration in Children: The EAGLE Consortium. <i>Sleep</i> , 2016, 39, 1859-1869.	0.6	34
16	Genetic association study of childhood aggression across raters, instruments, and age. <i>Translational Psychiatry</i> , 2021, 11, 413.	2.4	31
17	Perivascular spaces are associated with tau pathophysiology and synaptic dysfunction in early Alzheimerâ€™s continuum. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 135.	3.0	30
18	Prenatal Omega-6:Omega-3 Ratio and Attention Deficit and Hyperactivity Disorder Symptoms. <i>Journal of Pediatrics</i> , 2019, 209, 204-211.e4.	0.9	28

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19	Genome-wide Association Meta-analysis of Childhood and Adolescent Internalizing Symptoms. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022, 61, 934-945.	0.3	26
20	Transposable elements in brain health and disease. <i>Ageing Research Reviews</i> , 2020, 64, 101153.	5.0	24
21	DNA methylation signature as a biomarker of major neuropsychiatric disorders. <i>Journal of Psychiatric Research</i> , 2021, 141, 34-49.	1.5	24
22	Assessment of Susceptibility Risk Factors for ADHD in Imaging Genetic Studies. <i>Journal of Attention Disorders</i> , 2019, 23, 671-681.	1.5	17
23	Interaction between airborne copper exposure and ATP7B polymorphisms on inattentiveness in scholar children. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 51-56.	2.1	14
24	Polygenic risk for ADHD and ASD and their relation with cognitive measures in school children. <i>Psychological Medicine</i> , 2022, 52, 1356-1364.	2.7	14
25	Strategies to reduce sample sizes in Alzheimer's disease primary and secondary prevention trials using longitudinal amyloid PET imaging. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 82.	3.0	14
26	Amyloid- β positive individuals with subjective cognitive decline present increased CSF neurofilament light levels that relate to lower hippocampal volume. <i>Neurobiology of Aging</i> , 2021, 104, 24-31.	1.5	13
27	Continuity of Genetic Risk for Aggressive Behavior Across the Life-Course. <i>Behavior Genetics</i> , 2021, 51, 592-606.	1.4	13
28	The protective gene dose effect of the <i>APOE</i> ϵ 2 allele on gray matter volume in cognitively unimpaired individuals. <i>Alzheimer's and Dementia</i> , 2022, 18, 1383-1395.	0.4	13
29	A Genome-Wide Association Study of Attention Function in a Population-Based Sample of Children. <i>PLoS ONE</i> , 2016, 11, e0163048.	1.1	11
30	Single-cell Transcriptional Changes in Neurodegenerative Diseases. <i>Neuroscience</i> , 2021, 479, 192-205.	1.1	11
31	Imaging genetics in attention-deficit/hyperactivity disorder and related neurodevelopmental domains: state of the art. <i>Brain Imaging and Behavior</i> , 2017, 11, 1922-1931.	1.1	10
32	Sparse multiple factor analysis to integrate genetic data, neuroimaging features, and attention-deficit/hyperactivity disorder domains. <i>International Journal of Methods in Psychiatric Research</i> , 2018, 27, e1738.	1.1	10
33	Genetic Influences on Hippocampal Subfields. <i>Neurology: Genetics</i> , 2021, 7, e591.	0.9	8
34	Strategies for integrated analysis in imaging genetics studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 93, 57-70.	2.9	7
35	Genetic Predisposition to Alzheimer's Disease Is Associated with Enlargement of Perivascular Spaces in Centrum Semiovale Region. <i>Genes</i> , 2021, 12, 825.	1.0	7
36	Effect of BDNF Val66Met on hippocampal subfields volumes and compensatory interaction with APOE- ϵ 4 in middle-age cognitively unimpaired individuals from the ALFA study. <i>Brain Structure and Function</i> , 2020, 225, 2331-2345.	1.2	5

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37	Efficient and Powerful Method for Combining P-Values in Genome-Wide Association Studies. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2016, 13, 1100-1106.	1.9	4
38	Multivariate Analysis and Modelling of multiple Brain endOphenotypes: Letâ€™s MAMBO!. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 5800-5810.	1.9	4
39	Global adaptive rank truncated product method for geneâ€™set analysis in association studies. <i>Biometrical Journal</i> , 2014, 56, 901-911.	0.6	3
40	Ageing-Dependent Genetic Effects Associated to ADHD Predict Longitudinal Changes of Ventricular Volumes in Adulthood. <i>Frontiers in Psychiatry</i> , 2020, 11, 574.	1.3	3
41	Air pollution and biomarkers of Alzheimerâ€™s disease in cognitively unimpaired individuals. <i>Alzheimer's and Dementia</i> , 2020, 16, e044802.	0.4	3
42	Independent Multiple Factor Association Analysis for Multiblock Data in Imaging Genetics. <i>Neuroinformatics</i> , 2019, 17, 583-592.	1.5	2
43	Perivascular spaces are associated with tau pathophysiology and synaptic dysfunction in early Alzheimerâ€™s continuum. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	2
44	Study of the Combined Effect of Maternal Tobacco Smoking and Polygenic Risk Scores on Birth Weight and Body Mass Index in Childhood. <i>Frontiers in Genetics</i> , 2022, 13, .	1.1	1
45	Polygenicâ€™wide analysis to assess the impact of genetic risk profiles on brain morphometry in the ALFA study. <i>Alzheimer's and Dementia</i> , 2020, 16, e042952.	0.4	0
46	Amyloidâ€™ β , tau, synaptic dysfunction, neurodegeneration, glial and vascular biomarkers in the preclinical stage of the Alzheimerâ€™s continuum. <i>Alzheimer's and Dementia</i> , 2020, 16, e044444.	0.4	0
47	Genetically predicted telomere length and Alzheimerâ€™s disease endophenotypes: A Mendelian randomization study. <i>Alzheimer's and Dementia</i> , 2020, 16, e044720.	0.4	0
48	The effect of physical activity on CSF biomarkers of Alzheimerâ€™s disease differs between men and women. <i>Alzheimer's and Dementia</i> , 2020, 16, e044722.	0.4	0
49	Multiple biological pathways associate with cerebral amyloid load in the early Alzheimer's continuum. <i>Alzheimer's and Dementia</i> , 2020, 16, e044733.	0.4	0
50	APOE ϵ 4 shapes tempoâ€™parietal network properties in middleâ€™aged, cognitively unimpaired individuals: A graph theory analysis. <i>Alzheimer's and Dementia</i> , 2020, 16, e045092.	0.4	0
51	Incidence of subjective cognitive decline is associated with amyloidâ€™ pathology, whereas stability relates to neurodegeneration. <i>Alzheimer's and Dementia</i> , 2020, 16, e045293.	0.4	0
52	Amyloidâ€™positive individuals with subjective cognitive decline present increased CSF neurofilament light levels that relate to hippocampal volume. <i>Alzheimer's and Dementia</i> , 2020, 16, e045715.	0.4	0
53	Association between telomere length and cognitive function among cognitively unimpaired individuals at risk of Alzheimerâ€™s disease. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
54	Sex differences in genetic susceptibility of hippocampal subfields: A polygenic association study. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0

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55	Neuroimaging in neurodegeneration: A global diversity problem. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
56	Cross-sectional associations between sleep quality reports and core Alzheimer's disease biomarkers in cognitively unimpaired adults from the European Prevention of Alzheimer's Dementia Longitudinal Cohort Study (EPAD LCS). <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0