

Alejo J Nevado-Holgado

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64 papers	1,157 citations	19 h-index	33 g-index
75 ext. papers	1,678 ext. citations	5.3 avg, IF	4.52 L-index

#	Paper	IF	Citations
64	Conditions for the generation of beta oscillations in the subthalamic nucleus-globus pallidus network. <i>Journal of Neuroscience</i> , 2010 , 30, 12340-52	6.6	172
63	NRF2 deficiency replicates transcriptomic changes in Alzheimer's patients and worsens APP and TAU pathology. <i>Redox Biology</i> , 2017 , 13, 444-451	11.3	107
62	CSF1R inhibitor JNJ-40346527 attenuates microglial proliferation and neurodegeneration in P301S mice. <i>Brain</i> , 2019 , 142, 3243-3264	11.2	77
61	Inflammatory biomarkers in Alzheimer's disease plasma. <i>Alzheimer's and Dementia</i> , 2019 , 15, 776-787	1.2	74
60	Effective connectivity of the subthalamic nucleus-globus pallidus network during Parkinsonian oscillations. <i>Journal of Physiology</i> , 2014 , 592, 1429-55	3.9	66
59	Characterising the dynamics of EEG waveforms as the path through parameter space of a neural mass model: application to epilepsy seizure evolution. <i>NeuroImage</i> , 2012 , 59, 2374-92	7.9	55
58	Oscillatory activity in the medial prefrontal cortex and nucleus accumbens correlates with impulsivity and reward outcome. <i>PLoS ONE</i> , 2014 , 9, e111300	3.7	47
57	A plasma protein classifier for predicting amyloid burden for preclinical Alzheimer's disease. <i>Science Advances</i> , 2019 , 5, eaau7220	14.3	44
56	Mental disorders and intimate partner violence perpetrated by men towards women: A Swedish population-based longitudinal study. <i>PLoS Medicine</i> , 2019 , 16, e1002995	11.6	43
55	Association between Plasma Ceramides and Phosphatidylcholines and Hippocampal Brain Volume in Late Onset Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017 , 60, 809-817	4.3	40
54	Named entity recognition in electronic health records using transfer learning bootstrapped Neural Networks. <i>Neural Networks</i> , 2020 , 121, 132-139	9.1	34
53	Commonly prescribed drugs associate with cognitive function: a cross-sectional study in UK Biobank. <i>BMJ Open</i> , 2016 , 6, e012177	3	31
52	Cross-sectional and longitudinal analyses of outdoor air pollution exposure and cognitive function in UK Biobank. <i>Scientific Reports</i> , 2018 , 8, 12089	4.9	30
51	A metabolite-based machine learning approach to diagnose Alzheimer-type dementia in blood: Results from the European Medical Information Framework for Alzheimer disease biomarker discovery cohort. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019 , 5, 933-938	6	29
50	The influence of insulin resistance on cerebrospinal fluid and plasma biomarkers of Alzheimer's pathology. <i>Alzheimer's Research and Therapy</i> , 2017 , 9, 31	9	27
49	Red blood cell indices and anaemia as causative factors for cognitive function deficits and for Alzheimer's disease. <i>Genome Medicine</i> , 2018 , 10, 51	14.4	27
48	Primary fatty amides in plasma associated with brain amyloid burden, hippocampal volume, and memory in the European Medical Information Framework for Alzheimer's Disease biomarker discovery cohort. <i>Alzheimer's and Dementia</i> , 2019 , 15, 817-827	1.2	26

47	Discovery and validation of plasma proteomic biomarkers relating to brain amyloid burden by SOMAscan assay. <i>Alzheimer's and Dementia</i> , 2019 , 15, 1478-1488	1.2	22
46	Plasma Protein Biomarkers for the Prediction of CSF Amyloid and Tau and [F]-Flutemetamol PET Scan Result. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 409	5.3	20
45	Unreliable evidence: 2 sources of uncertainty during perceptual choice. <i>Cerebral Cortex</i> , 2015 , 25, 937-475.1	17	
44	Natural language processing for structuring clinical text data on depression using UK-CRIS. <i>Evidence-Based Mental Health</i> , 2020 , 23, 21-26	11.1	17
43	Automatic mining of symptom severity from psychiatric evaluation notes. <i>International Journal of Methods in Psychiatric Research</i> , 2018 , 27, e1602	4.3	16
42	Med7: A transferable clinical natural language processing model for electronic health records. <i>Artificial Intelligence in Medicine</i> , 2021 , 118, 102086	7.4	16
41	Genetic and Real-World Clinical Data, Combined with Empirical Validation, Nominate Jak-Stat Signaling as a Target for Alzheimer's Disease Therapeutic Development. <i>Cells</i> , 2019 , 8,	7.9	15
40	Urinary metabolic phenotyping for Alzheimer's disease. <i>Scientific Reports</i> , 2020 , 10, 21745	4.9	10
39	Validation of Plasma Proteomic Biomarkers Relating to Brain Amyloid Burden in the EMIF-Alzheimer's Disease Multimodal Biomarker Discovery Cohort. <i>Journal of Alzheimer's Disease</i> , 2020 , 74, 213-225	4.3	10
38	Identifying Predictors of Suicide in Severe Mental Illness: A Feasibility Study of a Clinical Prediction Rule (Oxford Mental Illness and Suicide Tool or OxMIS). <i>Frontiers in Psychiatry</i> , 2020 , 11, 268	5	10
37	Determining the Molecular Pathways Underlying the Protective Effect of Non-Steroidal Anti-Inflammatory Drugs for Alzheimer's Disease: A Bioinformatics Approach. <i>Computational and Structural Biotechnology Journal</i> , 2017 , 15, 1-7	6.8	9
36	High Blood Pressure and Risk of Dementia: A Two-Sample Mendelian Randomization Study in the UK Biobank. <i>Biological Psychiatry</i> , 2021 , 89, 817-824	7.9	7
35	Utilization of the Signature Method to Identify the Early Onset of Sepsis From Multivariate Physiological Time Series in Critical Care Monitoring. <i>Critical Care Medicine</i> , 2020 , 48, e976-e981	1.4	6
34	A Modest Increase in C-PK11195-Positron Emission Tomography TSPO Binding in Depression Is Not Associated With Serum C-Reactive Protein or Body Mass Index. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021 , 6, 716-724	3.4	6
33	Intact action segmentation in Parkinson's disease: Hypothesis testing using a novel computational approach. <i>Neuropsychologia</i> , 2015 , 78, 29-40	3.2	5
32	Methotrexate and relative risk of dementia amongst patients with rheumatoid arthritis: a multi-national multi-database case-control study. <i>Alzheimer's Research and Therapy</i> , 2020 , 12, 38	9	5
31	Real-world effectiveness, its predictors and onset of action of cholinesterase inhibitors and memantine in dementia: retrospective health record study. <i>British Journal of Psychiatry</i> , 2020 , 1-7	5.4	5
30	ANMerge: A Comprehensive and Accessible Alzheimer's Disease Patient-Level Dataset. <i>Journal of Alzheimer's Disease</i> , 2021 , 79, 423-431	4.3	5

29	Dickkopf-1 Overexpression in vitro Nominates Candidate Blood Biomarkers Relating to Alzheimer's Disease Pathology. <i>Journal of Alzheimer's Disease</i> , 2020 , 77, 1353-1368	4.3	4
28	Replication study of plasma proteins relating to Alzheimer's pathology. <i>Alzheimer's and Dementia</i> , 2021 , 17, 1452-1464	1.2	4
27	[P3032]: A PARKINSON'S DISEASE PROTEIN BIOMARKER PANEL USING THE SOMAMER ASSAY AND MACHINE LEARNING 2017 , 13, P1027-P1027		3
26	Associations Between Brain Volumes and Cognitive Tests with Hypertensive Burden in UK Biobank. <i>Journal of Alzheimer's Disease</i> , 2021 , 84, 1373-1389	4.3	3
25	Plasma Proteomic Biomarkers Relating to Alzheimer's Disease: A Meta-Analysis Based on Our Own Studies. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 712545	5.3	3
24	Bifurcation analysis points towards the source of beta neuronal oscillations in Parkinson's disease 2011 ,		2
23	[P4041]: LEVELS OF BLOOD PRESSURE, BODY MASS INDEX AND TOTAL SERUM CHOLESTEROL AT DIFFERENT TIME POINTS PRIOR TO DEMENTIA DIAGNOSIS: A CASE CONTROL STUDY OF OVER 28 MILLION ELECTRONIC HEALTH RECORDS FROM THE EMIF EHR DATA RESOURCE 2017 , 13, P1420-P1421		1
22	Identification of plasma proteome signatures associated with ATN framework using SOMAscan. <i>Alzheimer's and Dementia</i> , 2020 , 16, e036954	1.2	1
21	Comparing multiple clustering approaches to understand proteomic datasets for improved biomarker detection. <i>Alzheimer's and Dementia</i> , 2020 , 16, e047654	1.2	1
20	Personalised treatment for cognitive impairment in dementia: development and validation of an artificial intelligence model.. <i>BMC Medicine</i> , 2022 , 20, 45	11.4	1
19	ANMerge: A comprehensive and accessible Alzheimer's disease patient-level dataset		1
18	Comorbidity between Alzheimer's disease and major depression: a behavioural and transcriptomic characterization study in mice. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 73	9	1
17	Validation of UK Biobank data for mental health outcomes: A pilot study using secondary care electronic health records.. <i>International Journal of Medical Informatics</i> , 2022 , 160, 104704	5.3	0
16	The relationship between isolated hypertension with brain volumes in UK Biobank.. <i>Brain and Behavior</i> , 2022 , e2525	3.4	0
15	Effect of trazodone on cognitive function in people with dementia: Cohort study using UK routinely collected data. <i>Alzheimer's and Dementia</i> , 2020 , 16, e039090	1.2	
14	Teaching old drugs new tricks: Do cardiovascular medications effect cognitive decline?. <i>Alzheimer's and Dementia</i> , 2020 , 16, e040554	1.2	
13	[P3043]: A MASS SPECTROMETRY-BASED DISCOVERY AND REPLICATION OF A MULTI-ANALYTE CLASSIFIER FOR NEOCORTICAL AMYLOID PATHOLOGY 2017 , 13, P1033-P1033		
12	[F10202]: DISCOVERY AND VALIDATION OF MULTIMODAL BIOMARKER SIGNATURES RELATING TO ALZHEIMER'S DISEASE PATHOLOGY AND PROGRESSION 2017 , 13, P174-P175		

11 [O11106]: EXPLORING THE RELATIONSHIP BETWEEN ANAEMIA AND ALZHEIMER'S DISEASE **2017**, 13, P221

10 [O21806]: NOMINATION OF JAK-STAT SIGNALLING AS A TARGET FOR AD THERAPY THROUGH CLINICAL AND MOLECULAR INFORMATICS **2017**, 13, P604-P604

9 P4-122: Prevalence of Vascular Risk Factors in Different Stages of Prodromal Alzheimer's Disease and Its Influence on Cognitive Decline **2016**, 12, P1059-P1061

8 P3-233: PLASMA PRIMARY FATTY AMIDES ASSOCIATE TO CSF AMYLOID LEVELS AND ALZHEIMER'S DISEASE PROGRESSION IN THE EMIF-AD BIOMARKER DISCOVERY COHORT **2018**, 14, P1161-P1161

7 F1-02-02: DISCOVERY, REPLICATION AND EXTENSION STUDY OF PLASMA PROTEOMIC BIOMARKERS RELATING TO BRAIN AMYLOID BURDEN AND ALZHEIMER'S DISEASE PROGRESSION **2018**, 14, P201-P202

6 Mental disorders and intimate partner violence perpetrated by men towards women: A Swedish population-based longitudinal study **2019**, 16, e1002995

5 Mental disorders and intimate partner violence perpetrated by men towards women: A Swedish population-based longitudinal study **2019**, 16, e1002995

4 Mental disorders and intimate partner violence perpetrated by men towards women: A Swedish population-based longitudinal study **2019**, 16, e1002995

3 Mental disorders and intimate partner violence perpetrated by men towards women: A Swedish population-based longitudinal study **2019**, 16, e1002995

2 Mental disorders and intimate partner violence perpetrated by men towards women: A Swedish population-based longitudinal study **2019**, 16, e1002995

1 Genome- and epigenome-wide studies of plasma protein biomarkers for Alzheimer's disease implicate TBCA and TREM2 in disease risk.. *Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring*, **2022**, 14, e12280

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