

Albert Llado Plarrumani

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

3,933
citations

147801

31
h-index

133252

59
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116
all docs

116
docs citations

116
times ranked

6317
citing authors

#	ARTICLE	IF	CITATIONS
1	Common variants at 7p21 are associated with frontotemporal lobar degeneration with TDP-43 inclusions. <i>Nature Genetics</i> , 2010, 42, 234-239.	21.4	479
2	Neurodegenerative Disorder Risk in Idiopathic REM Sleep Behavior Disorder: Study in 174 Patients. <i>PLoS ONE</i> , 2014, 9, e89741.	2.5	407
3	Age at symptom onset and death and disease duration in genetic frontotemporal dementia: an international retrospective cohort study. <i>Lancet Neurology</i> , The, 2020, 19, 145-156.	10.2	175
4	Dopamine transporter imaging deficit predicts early transition to synucleinopathy in idiopathic rapid eye movement sleep behavior disorder. <i>Annals of Neurology</i> , 2017, 82, 419-428.	5.3	161
5	Increased Cortical Thickness and Caudate Volume Precede Atrophy in PSEN1 Mutation Carriers. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 909-922.	2.6	136
6	Clinical features and <i>APOE</i> genotype of pathologically proven early-onset Alzheimer disease. <i>Neurology</i> , 2011, 76, 1720-1725.	1.1	123
7	Plasma miR-34a-5p and miR-545-3p as Early Biomarkers of Alzheimer's Disease: Potential and Limitations. <i>Molecular Neurobiology</i> , 2017, 54, 5550-5562.	4.0	119
8	Changes in Synaptic Proteins Precede Neurodegeneration Markers in Preclinical Alzheimer's Disease Cerebrospinal Fluid. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 546-560.	3.8	115
9	Cerebrospinal Fluid Level of YKL-40 Protein in Preclinical and Prodromal Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 901-908.	2.6	102
10	CSF sAPP β , YKL-40, and neurofilament light in frontotemporal lobar degeneration. <i>Neurology</i> , 2017, 89, 178-188.	1.1	100
11	Potential genetic modifiers of disease risk and age at onset in patients with frontotemporal lobar degeneration and GRN mutations: a genome-wide association study. <i>Lancet Neurology</i> , The, 2018, 17, 548-558.	10.2	97
12	Rare mutations in <i>SQSTM1</i> modify susceptibility to frontotemporal lobar degeneration. <i>Acta Neuropathologica</i> , 2014, 128, 397-410.	7.7	93
13	Cerebrospinal fluid sTREM2 levels are associated with gray matter volume increases and reduced diffusivity in early Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2016, 12, 1259-1272.	0.8	86
14	A comprehensive study of the genetic impact of rare variants in <i>SORL1</i> in European early-onset Alzheimer's disease. <i>Acta Neuropathologica</i> , 2016, 132, 213-224.	7.7	83
15	Increased Levels of Chitotriosidase and YKL-40 in Cerebrospinal Fluid from Patients with Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2014, 4, 297-304.	1.3	82
16	White matter changes in preclinical Alzheimer's disease: a magnetic resonance imaging-diffusion tensor imaging study on cognitively normal older people with positive amyloid β protein 42 levels. <i>Neurobiology of Aging</i> , 2014, 35, 2671-2680.	3.1	72
17	Analysis of the <i>CHCHD10</i> gene in patients with frontotemporal dementia and amyotrophic lateral sclerosis from Spain. <i>Brain</i> , 2015, 138, e400-e400.	7.6	56
18	CSF YKL-40 and pTau181 are related to different cerebral morphometric patterns in early AD. <i>Neurobiology of Aging</i> , 2016, 38, 47-55.	3.1	54

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19	Serum neurofilament light levels correlate with severity measures and neurodegeneration markers in autosomal dominant Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 113.	6.2	54
20	Feasibility of Lumbar Puncture in the Study of Cerebrospinal Fluid Biomarkers for Alzheimer's Disease: A Multicenter Study in Spain. <i>Journal of Alzheimer's Disease</i> , 2014, 39, 719-726.	2.6	53
21	Deleterious ABCA7 mutations and transcript rescue mechanisms in early onset Alzheimer's disease. <i>Acta Neuropathologica</i> , 2017, 134, 475-487.	7.7	53
22	Cerebral amyloid angiopathy in Down syndrome and sporadic and autosomal dominant Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2017, 13, 1251-1260.	0.8	47
23	Synaptic, axonal damage and inflammatory cerebrospinal fluid biomarkers in neurodegenerative dementias. <i>Alzheimer's and Dementia</i> , 2020, 16, 262-272.	0.8	47
24	CSF microRNA Profiling in Alzheimer's Disease: a Screening and Validation Study. <i>Molecular Neurobiology</i> , 2017, 54, 6647-6654.	4.0	45
25	Cortical microstructure in the behavioural variant of frontotemporal dementia: looking beyond atrophy. <i>Brain</i> , 2019, 142, 1121-1133.	7.6	45
26	Value of Hu antibody determinations in the follow-up of paraneoplastic neurologic syndromes. <i>Neurology</i> , 2004, 63, 1947-1949.	1.1	40
27	Clinicopathological and genetic correlates of frontotemporal lobar degeneration and corticobasal degeneration. <i>Journal of Neurology</i> , 2008, 255, 488-494.	3.6	40
28	The <i>APOE</i> ϵ 4 genotype modulates CSF YKL40 levels and their structural brain correlates in the continuum of Alzheimer's disease but not those of sTREM2. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 6, 50-59.	2.4	36
29	Investigation of the role of rare TREM2 variants in frontotemporal dementia subtypes. <i>Neurobiology of Aging</i> , 2014, 35, 2657.e13-2657.e19.	3.1	34
30	Genetic variability in SQSTM1 and risk of early-onset Alzheimer dementia: a European early-onset dementia consortium study. <i>Neurobiology of Aging</i> , 2015, 36, 2005.e15-2005.e22.	3.1	34
31	Sex differences in the behavioral variant of frontotemporal dementia: A new window to executive and behavioral reserve. <i>Alzheimer's and Dementia</i> , 2021, 17, 1329-1341.	0.8	34
32	Usefulness of Biomarkers in the Diagnosis and Prognosis of Early-Onset Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 919-927.	2.6	32
33	Serum Progranulin Levels in Patients with Frontotemporal Lobar Degeneration and Alzheimer's Disease: Detection of GRN Mutations in a Spanish Cohort. <i>Journal of Alzheimer's Disease</i> , 2012, 31, 581-591.	2.6	31
34	Frontotemporal Dementia Caused by the P301L Mutation in <i>MAPT</i> Gene: Clinicopathological Features of 13 Cases from the Same Geographical Origin in Barcelona, Spain. <i>Dementia and Geriatric Cognitive Disorders</i> , 2017, 44, 213-221.	1.5	31
35	Evolving brain structural changes in PSEN1 mutation carriers. <i>Neurobiology of Aging</i> , 2015, 36, 1261-1270.	3.1	30
36	Clinical and video-polysomnographic analysis of rapid eye movement sleep behavior disorder and other sleep disturbances in dementia with Lewy bodies. <i>Sleep</i> , 2019, 42, .	1.1	30

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37	Hippocampal atrophy has limited usefulness as a diagnostic biomarker on the early onset Alzheimer's disease patients: A comparison between visual and quantitative assessment. <i>NeuroImage: Clinical</i> , 2019, 23, 101927.	2.7	29
38	Mechanisms of functional compensation, delineated by eigenvector centrality mapping, across the pathophysiological continuum of Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2019, 22, 101777.	2.7	29
39	Telemedicine assessment of long-term cognitive and functional status in anti-leucine-rich, glioma-inactivated 1 encephalitis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020, 7, .	6.0	29
40	PICOGEN: experiencia de 5 años de un programa de asesoramiento genético en demencia. <i>Neurología</i> , 2011, 26, 143-149.	0.7	28
41	Longitudinal brain atrophy and CSF biomarkers in early-onset Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2021, 32, 102804.	2.7	28
42	Diagnostic accuracy of behavioral variant frontotemporal dementia consortium criteria (FTDC) in a clinicopathological cohort. <i>Neuropathology and Applied Neurobiology</i> , 2015, 41, 882-892.	3.2	26
43	Structural Connectivity Alterations Along the Alzheimer's Disease Continuum: Reproducibility Across Two Independent Samples and Correlation with Cerebrospinal Fluid Amyloid- β and Tau. <i>Journal of Alzheimer's Disease</i> , 2018, 61, 1575-1587.	2.6	25
44	Rare Variants in <i>PLD3</i> Do Not Affect Risk for Early-Onset Alzheimer Disease in a European Consortium Cohort. <i>Human Mutation</i> , 2015, 36, 1226-1235.	2.5	23
45	Globular glial tauopathy caused by MAPT P301T mutation: clinical and neuropathological findings. <i>Journal of Neurology</i> , 2019, 266, 2396-2405.	3.6	22
46	Contribution of CSF biomarkers to early-onset Alzheimer's disease and frontotemporal dementia neuroimaging signatures. <i>Human Brain Mapping</i> , 2020, 41, 2004-2013.	3.6	22
47	Going round in circles: The Papez circuit in Alzheimer's disease. <i>European Journal of Neuroscience</i> , 2021, 54, 7668-7687.	2.6	22
48	A novel PSEN1 mutation (K239N) associated with Alzheimer's disease with wide range age of onset and slow progression. <i>European Journal of Neurology</i> , 2010, 17, 994-996.	3.3	21
49	The hippocampal longitudinal axis: relevance for underlying tau and TDP-43 pathology. <i>Neurobiology of Aging</i> , 2018, 70, 1-9.	3.1	21
50	Clinical applicability of diagnostic biomarkers in early-onset cognitive impairment. <i>European Journal of Neurology</i> , 2019, 26, 1098-1104.	3.3	20
51	Rare nonsynonymous variants in <i>SORT1</i> are associated with increased risk for frontotemporal dementia. <i>Neurobiology of Aging</i> , 2018, 66, 181.e3-181.e10.	3.1	19
52	Clinical value of cerebrospinal fluid neurofilament light chain in semantic dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 997-1004.	1.9	19
53	Systematic Screening of Ubiquitin/p62 Aggregates in Cerebellar Cortex Expands the Neuropathological Phenotype of the C9orf72 Expansion Mutation. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 703-709.	1.7	18
54	Quantitative Magnetic Resonance Abnormalities in Creutzfeldt-Jakob Disease and Fatal Insomnia. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 431-443.	2.6	17

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55	White Matter Abnormalities Track Disease Progression in PSEN1 Autosomal Dominant Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 827-835.	2.6	17
56	Common and rare TBK1 variants in early-onset Alzheimer disease in a European cohort. <i>Neurobiology of Aging</i> , 2018, 62, 245.e1-245.e7.	3.1	16
57	Altered Blood Gene Expression of Tumor-Related Genes (PRKCB, BECN1, and CDKN2A) in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2016, 53, 5902-5911.	4.0	15
58	MAPT gene duplications are not a cause of frontotemporal lobar degeneration. <i>Neuroscience Letters</i> , 2007, 424, 61-65.	2.1	14
59	APP-derived peptides reflect neurodegeneration in frontotemporal dementia. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2518-2530.	3.7	13
60	Large APP locus duplication in a sporadic case of cerebral haemorrhage. <i>Neurogenetics</i> , 2014, 15, 145-149.	1.4	12
61	Diagnostic Accuracy of MRI Visual Rating Scales in the Diagnosis of Early Onset Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 1575-1583.	2.6	12
62	Diagnostic Utility of Measuring Cerebral Atrophy in the Behavioral Variant of Frontotemporal Dementia and Association With Clinical Deterioration. <i>JAMA Network Open</i> , 2021, 4, e211290.	5.9	12
63	Sporadic MM2-thalamic+cortical Creutzfeldt-Jakob disease: Utility of diffusion tensor imaging in the detection of cortical involvement <i>in vivo</i> . <i>Neuropathology</i> , 2016, 36, 199-204.	1.2	11
64	Screening of dementia genes by whole-exome sequencing in Spanish patients with early-onset dementia: likely pathogenic, uncertain significance and risk variants. <i>Neurobiology of Aging</i> , 2020, 93, e1-e9.	3.1	11
65	Improved Cerebrospinal Fluid-Based Discrimination between Alzheimer's Disease Patients and Controls after Correction for Ventricular Volumes. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 543-555.	2.6	10
66	Changes in the sympathetic skin response after thoracoscopic sympathectomy in patients with primary palmar hyperhidrosis. <i>Clinical Neurophysiology</i> , 2005, 116, 1348-1354.	1.5	9
67	Assessing the role of TUBA4A gene in frontotemporal degeneration. <i>Neurobiology of Aging</i> , 2016, 38, 215.e13-215.e14.	3.1	9
68	Cognitive decline in amyotrophic lateral sclerosis: Neuropathological substrate and genetic determinants. <i>Brain Pathology</i> , 2021, 31, e12942.	4.1	9
69	Reduced Levels of miR-342-5p in Plasma Are Associated With Worse Cognitive Evolution in Patients With Mild Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 705989.	3.4	9
70	Spanish-dementia knowledge assessment scale (DKAS-S): psychometric properties and validation. <i>BMC Geriatrics</i> , 2021, 21, 302.	2.7	8
71	Cost-effectiveness of Alzheimer's disease CSF biomarkers and amyloid-PET in early-onset cognitive impairment diagnosis. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2023, 273, 243-252.	3.2	8
72	A unique common ancestor introduced P301L mutation in MAPT gene in frontotemporal dementia patients from Barcelona (Baix Llobregat, Spain). <i>Neurobiology of Aging</i> , 2019, 84, 236.e9-236.e15.	3.1	7

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73	Novel P397S <i>MAPT</i> variant associated with late onset and slow progressive frontotemporal dementia. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1559-1565.	3.7	6
74	Errorless Learning Therapy in Semantic Variant of Primary Progressive Aphasia. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 415-422.	2.6	6
75	Baseline MRI atrophy predicts 2-year cognitive outcomes in early-onset Alzheimer's disease. <i>Journal of Neurology</i> , 2022, 269, 2573-2583.	3.6	6
76	Preservation of cell-survival mechanisms by the presenilin-1 K239N mutation may cause its milder clinical phenotype. <i>Neurobiology of Aging</i> , 2016, 46, 169-179.	3.1	5
77	A Common Variant in the MC1R Gene (p.V92M) is associated with Alzheimer's Disease Risk. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 1065-1074.	2.6	5
78	Regional patterns of 18F-florbetaben uptake in presenilin 1 mutation carriers. <i>Neurobiology of Aging</i> , 2019, 81, 1-8.	3.1	5
79	Mitochondrial Dysfunction: A Common Hallmark Underlying Comorbidity between sIBM and Other Degenerative and Age-Related Diseases. <i>Journal of Clinical Medicine</i> , 2020, 9, 1446.	2.4	4
80	Sex differences in the behavioral variant of frontotemporal dementia: A new window to executive and behavioral reserve. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	4
81	Chemical Stimulation of Rodent and Human Cortical Synaptosomes: Implications in Neurodegeneration. <i>Cells</i> , 2021, 10, 1174.	4.1	3
82	Distinct neuropsychological presentation and progression between early- and late-onset Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e036809.	0.8	1
83	An ABCA7 partial deletion and a GRN variant in a semantic variant of primary progressive aphasia patient. <i>Alzheimer's and Dementia</i> , 2020, 16, e042483.	0.8	1
84	ALTOIDA-ADL for the diagnosis of Mild Cognitive Impairment and early Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021, 17, e057982.	0.8	1
85	P1-253: WHITE MATTER CHANGES IN PRECLINICAL ALZHEIMER'S DISEASE: AN MRI DIFFUSION TENSOR IMAGING STUDY. , 2014, 10, P399-P400.		0
86	IC-02-05: Cerebrospinal Fluid Strem2 Levels are Associated with Gray Matter Volume Increases and Reduced Diffusivity in Early Alzheimer's Disease. , 2016, 12, P8-P8.		0
87	[P4-505]: CORTICAL MICROSTRUCTURAL CHANGES IN FRONTOTEMPORAL LOBAR DEGENERATION: A NEW IMAGING BIOMARKER. <i>Alzheimer's and Dementia</i> , 2017, 13, P1533.	0.8	0
88	[P2-355]: CSF STREM2, BUT NOT YKL40, IS ASSOCIATED WITH LONGITUDINAL MORPHOLOGICAL BRAIN CHANGES IN PRECLINICAL ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P758.	0.8	0
89	[P2-410]: VISUAL AND QUANTITATIVE ASSESSMENT OF HIPPOCAMPAL ATROPHY IN EARLY ONSET ALZHEIMER'S DISEASE PATIENTS. <i>Alzheimer's and Dementia</i> , 2017, 13, P789.	0.8	0
90	[P4-214]: TOWARD A FUNCTIONAL NEUROMARKER FOR PRECLINICAL AD: EIGENVECTOR CENTRALITY REVEALS PRECLINICAL DIFFERENCES OF FUNCTIONAL INFORMATION FLOW IN THE HIPPOCAMPUS, PRECUNEUS, CEREBELLUM AND INFERIOR PARIETAL LOBULE. <i>Alzheimer's and Dementia</i> , 2017, 13, P1348.	0.8	0

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91	[P1â€“413]: VISUAL PATTERNS OF FLORBETABEN UPTAKE IN PRESENILIN 1 MUTATION CARRIERS. Alzheimer's and Dementia, 2017, 13, P435.	0.8	0
92	P2â€“347: THE HIPPOCAMPAL LONGITUDINAL AXIS: RELEVANCE FOR UNDERLYING TAU AND TDPâ€“43 PATHOLOGY. Alzheimer's and Dementia, 2018, 14, P819.	0.8	0
93	P1â€“146: WHOLE EXOME SEQUENCING IN PATIENTS WITH EARLYâ€“ONSET ALZHEIMER'S DISEASE AND FRONTOTEMPORAL DEMENTIA: MUTATION DETECTION IN CAUSAL AND RISK GENES FOR DEMENTIA. Alzheimer's and Dementia, 2018, 14, P332.	0.8	0
94	P2â€“262: A CEREBROSPINAL FLUID PANEL OF SYNAPTIC PROTEINS ACROSS THE ENTIRE ALZHEIMER'S DISEASE CONTINUUM. Alzheimer's and Dementia, 2018, 14, P777.	0.8	0
95	P3â€“394: CORTICAL MEAN DIFFUSIVITY MAY BE MORE SENSITIVE IN DETECTING STRUCTURAL CHANGES IN FRONTOTEMPORAL DEMENTIA THAN CORTICAL THICKNESS. Alzheimer's and Dementia, 2018, 14, P1248.	0.8	0
96	P1â€“432: REGIONAL PATTERNS OF 18Fâ€“FLORBETABEN UPTAKE IN PRESENILIN 1â€“MUTATION CARRIERS. Alzheimer's and Dementia, 2018, 14, P475.	0.8	0
97	O3â€“09â€“03: SERUM NEUROFILAMENT LIGHT LEVELS CORRELATE WITH SEVERITY MEASURES AND NEURODEGENERATION MARKERS IN AUTOSOMAL DOMINANT ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P1037.	0.8	0
98	MRI decline pattern in early onset MCI due to Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e037405.	0.8	0
99	Four yearsâ€™ experience in an earlyâ€“onset dementia clinic in Barcelona. Alzheimer's and Dementia, 2020, 16, e037911.	0.8	0
100	Evolution of clinicalâ€“pathological correlation of earlyâ€“onset Alzheimer's disease: 1994â€“2009 vs 2010â€“2017. Alzheimer's and Dementia, 2020, 16, e041388.	0.8	0
101	Differential gene expression in genetic and earlyâ€“onset Alzheimerâ€™s disease in two biological samples: Brain tissue and lymphoblastoid cell lines. Alzheimer's and Dementia, 2020, 16, e042671.	0.8	0
102	Functional network alterations in earlyâ€“onset Alzheimerâ€™s disease studied with restingâ€“state fMRI. Alzheimer's and Dementia, 2020, 16, e043307.	0.8	0
103	Agreement of amyloid PET and CSF biomarkers in a clinical cohort. Alzheimer's and Dementia, 2021, 17, .	0.8	0
104	Impact of COVIDâ€“19 pandemic in an earlyâ€“onset dementia clinic in Barcelona. Alzheimer's and Dementia, 2021, 17, e052114.	0.8	0