

Gonzalo Andrs Snchez-Benavides

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.

93
papers

1,539
citations

22
h-index

37
g-index

117
ext. papers

2,116
ext. citations

3.9
avg, IF

4.19
L-index

#	Paper	IF	Citations
93	Safety and efficacy of cognitive training plus epigallocatechin-3-gallate in young adults with Down's syndrome (TESDAD): a double-blind, randomised, placebo-controlled, phase 2 trial. <i>Lancet Neurology</i> , 2016 , 15, 801-810	24.1	152
92	Long-term exposure to residential green and blue spaces and anxiety and depression in adults: A cross-sectional study. <i>Environmental Research</i> , 2018 , 162, 231-239	7.9	121
91	Effect of long-term exposure to air pollution on anxiety and depression in adults: A cross-sectional study. <i>International Journal of Hygiene and Environmental Health</i> , 2017 , 220, 1074-1080	6.9	116
90	Spanish Multicenter Normative Studies (NEURONORMA Project): norms for the Rey-Osterrieth complex figure (copy and memory), and free and cued selective reminding test. <i>Archives of Clinical Neuropsychology</i> , 2009 , 24, 371-93	2.7	101
89	Manual validation of FreeSurfer's automated hippocampal segmentation in normal aging, mild cognitive impairment, and Alzheimer Disease subjects. <i>Psychiatry Research - Neuroimaging</i> , 2010 , 181, 219-25	2.9	79
88	Novel tau biomarkers phosphorylated at T181, T217 or T231 rise in the initial stages of the preclinical Alzheimer's continuum when only subtle changes in A β pathology are detected. <i>EMBO Molecular Medicine</i> , 2020 , 12, e12921	12	67
87	Effects of APOE- ϵ allele load on brain morphology in a cohort of middle-aged healthy individuals with enriched genetic risk for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2018 , 14, 902-912	1.2	64
86	The ALFA project: A research platform to identify early pathophysiological features of Alzheimer's disease. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2016 , 2, 82-92	6	63
85	Brain and cognitive correlates of subjective cognitive decline-plus features in a population-based cohort. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 123	9	57
84	Amyloid beta, tau, synaptic, neurodegeneration, and glial biomarkers in the preclinical stage of the Alzheimer's continuum. <i>Alzheimer's and Dementia</i> , 2020 , 16, 1358-1371	1.2	44
83	A new cognitive evaluation battery for Down syndrome and its relevance for clinical trials. <i>Frontiers in Psychology</i> , 2015 , 6, 708	3.4	44
82	Nonlinear cerebral atrophy patterns across the Alzheimer's disease continuum: impact of APOE4 genotype. <i>Neurobiology of Aging</i> , 2015 , 36, 2687-701	5.6	35
81	Using artificial neural networks in clinical neuropsychology: high performance in mild cognitive impairment and Alzheimer's disease. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2012 , 34, 195-208	2.1	30
80	Spanish multicenter normative studies (Neuronorma project): norms for the abbreviated Barcelona Test. <i>Archives of Clinical Neuropsychology</i> , 2011 , 26, 144-57	2.7	30
79	Impact of urban environmental exposures on cognitive performance and brain structure of healthy individuals at risk for Alzheimer's dementia. <i>Environment International</i> , 2020 , 138, 105546	12.9	28
78	Spanish normative studies in young adults (NEURONORMA young adults project): norms for the Rey-Osterrieth Complex Figure (copy and memory) and Free and Cued Selective Reminding Test. <i>Neurología</i> , 2013 , 28, 226-35	1.4	28
77	Neuropsychology of Alzheimer's disease. <i>Archives of Medical Research</i> , 2012 , 43, 686-93	6.6	28

76	Association between insomnia and cognitive performance, gray matter volume, and white matter microstructure in cognitively unimpaired adults. <i>Alzheimer's Research and Therapy</i> , 2020 , 12, 4	9	24
75	Anomalous White Matter Structure and the Effect of Age in Down Syndrome Patients. <i>Journal of Alzheimer's Disease</i> , 2017 , 57, 61-70	4.3	23
74	Problem-solving abilities and frontal lobe cortical thickness in healthy aging and mild cognitive impairment. <i>Journal of the International Neuropsychological Society</i> , 2010 , 16, 836-45	3.1	23
73	Psychometric Properties of the Memory Binding Test: Test-Retest Reliability and Convergent Validity. <i>Journal of Alzheimer's Disease</i> , 2016 , 50, 999-1010	4.3	22
72	Episodic memory and executive functions in cognitively healthy individuals display distinct neuroanatomical correlates which are differentially modulated by aging. <i>Human Brain Mapping</i> , 2018 , 39, 4565-4579	5.9	22
71	Effect of Permanent Atrial Fibrillation on Cognitive Function in Patients With Chronic Heart Failure. <i>American Journal of Cardiology</i> , 2016 , 117, 233-9	3	21
70	Cognitive and neuroimaging profiles in mild cognitive impairment and Alzheimer's disease: data from the Spanish Multicenter Normative Studies (NEURONORMA Project). <i>Journal of Alzheimer's Disease</i> , 2014 , 41, 887-901	4.3	20
69	Medial temporal lobe correlates of memory screening measures in normal aging, MCI, and AD. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2010 , 23, 100-8	3.8	18
68	Semantic Verbal Fluency Pattern, Dementia Rating Scores and Adaptive Behavior Correlate With Plasma Aβ2 Concentrations in Down Syndrome Young Adults. <i>Frontiers in Behavioral Neuroscience</i> , 2015 , 9, 301	3.5	17
67	One-Year Reference Norms of Cognitive Change in Spanish Old Adults: Data from the NEURONORMA Sample. <i>Archives of Clinical Neuropsychology</i> , 2016 , 31, 378-88	2.7	17
66	Patterns of white matter hyperintensities associated with cognition in middle-aged cognitively healthy individuals. <i>Brain Imaging and Behavior</i> , 2020 , 14, 2012-2023	4.1	17
65	Reference Data of the Spanish Memory Binding Test in a Midlife Population from the ALFA STUDY (Alzheimer's and Family). <i>Journal of Alzheimer's Disease</i> , 2015 , 48, 613-25	4.3	16
64	The Memory Binding Test: Development of Two Alternate Forms into Spanish and Catalan. <i>Journal of Alzheimer's Disease</i> , 2016 , 52, 283-93	4.3	16
63	Ischemic aetiology, self-reported frailty, and gender with respect to cognitive impairment in chronic heart failure patients. <i>BMC Cardiovascular Disorders</i> , 2016 , 16, 163	2.3	14
62	White matter hyperintensities mediate gray matter volume and processing speed relationship in cognitively unimpaired participants. <i>Human Brain Mapping</i> , 2020 , 41, 1309-1322	5.9	13
61	Randomized Phase III Trial of Prophylactic Cranial Irradiation With or Without Hippocampal Avoidance for Small-Cell Lung Cancer (PREMER): A GICOR-GOECF-SEOR Study. <i>Journal of Clinical Oncology</i> , 2021 , 39, 3118-3127	2.2	13
60	Chinese-Spanish-Catalan trilingual aphasia: A case study. <i>Journal of Neurolinguistics</i> , 2012 , 25, 630-641	1.9	12
59	Distinct Cognitive and Brain Morphological Features in Healthy Subjects Unaware of Informant-Reported Cognitive Decline. <i>Journal of Alzheimer's Disease</i> , 2018 , 65, 181-191	4.3	11

58	Underdiagnosis of Unilateral Spatial Neglect in stroke unit. <i>Acta Neurologica Scandinavica</i> , 2018 , 138, 441-446	3.8	11
57	APOE-ε risk variant for Alzheimer's disease modifies the association between cognitive performance and cerebral morphology in healthy middle-aged individuals. <i>NeuroImage: Clinical</i> , 2019 , 23, 101818	5.3	10
56	The influence of diversity on the measurement of functional impairment: An international validation of the Amsterdam IADL Questionnaire in eight countries. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020 , 12, e12021	5.2	9
55	Earliest amyloid and tau deposition modulate the influence of limbic networks during closed-loop hippocampal downregulation. <i>Brain</i> , 2020 , 143, 976-992	11.2	8
54	VNTR-DAT1 and COMTVal158Met Genotypes Modulate Mental Flexibility and Adaptive Behavior Skills in Down Syndrome. <i>Frontiers in Behavioral Neuroscience</i> , 2016 , 10, 193	3.5	8
53	Spanish normative studies in young adults (NEURONORMA young adults project): norms for the Visual Object and Space Perception Battery and Judgment of Line Orientation tests. <i>Neurología</i> , 2013 , 28, 153-9	1.4	7
52	Spanish multicenter normative studies (NEURONORMA project): normative data and equivalence of four BNT short-form versions. <i>Archives of Clinical Neuropsychology</i> , 2014 , 29, 60-74	2.7	7
51	Diagnostic validity of the Alzheimer's disease functional assessment and change scale in mild cognitive impairment and mild to moderate Alzheimer's disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2014 , 37, 366-75	2.6	7
50	Validation of the Neuronorma battery for neuropsychological assessment in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2020 , 42, 102070	4	7
49	Associations between air pollution and biomarkers of Alzheimer's disease in cognitively unimpaired individuals. <i>Environment International</i> , 2021 , 157, 106864	12.9	7
48	Associations Between the Subjective Cognitive Decline-Questionnaire's Scores, Gray Matter Volume, and Amyloid-β Levels. <i>Journal of Alzheimer's Disease</i> , 2019 , 72, 1287-1302	4.3	5
47	Desarrollo, estudio de equivalencia y datos normativos de la versión española B del Free and Cued Selective Reminding Test. <i>Neurología</i> , 2021 , 36, 353-360	1.4	5
46	Norms for Testing Visual Binding Using the Memory Associative Test (TMA-93) in Older Educationally-Diverse Adults. <i>Journal of Alzheimer's Disease</i> , 2020 , 75, 871-878	4.3	4
45	Cognitively unimpaired individuals with a low burden of Aβ pathology have a distinct CSF biomarker profile. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 134	9	4
44	Quantitative informant- and self-reports of subjective cognitive decline predict amyloid beta PET outcomes in cognitively unimpaired individuals independently of age and. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020 , 12, e12127	5.2	3
43	Spanish normative studies in young adults (NEURONORMA young adults project): Norms for Stroop Color-Word Interference and Tower of London-Drexel University tests. <i>Neurología (English Edition)</i> , 2013 , 28, 73-80	0.4	3
42	The comparison of cognitive and functional performance in children and Alzheimer's disease supports the retrogenesis model. <i>Journal of Alzheimer's Disease</i> , 2013 , 33, 191-203	4.3	3
41	DHA intake relates to better cerebrovascular and neurodegeneration neuroimaging phenotypes in middle-aged adults at increased genetic risk of Alzheimer disease. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 1627-1635	7	3

40	Modeling practice effects in healthy middle-aged participants of the Alzheimer and Families parent cohort. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2016 , 4, 149-158	5.2	3
39	APOE-ε Shapes the Cerebral Organization in Cognitively Intact Individuals as Reflected by Structural Gray Matter Networks. <i>Cerebral Cortex</i> , 2020 , 30, 4110-4120	5.1	2
38	Spanish normative studies in young adults (NEURONORMA young adults project): Norms for the Rey-Osterrieth Complex Figure (copy and memory) and Free and Cued Selective Reminding Test. <i>Neurología (English Edition)</i> , 2013 , 28, 226-235	0.4	2
37	Association of weight change with cerebrospinal fluid biomarkers and amyloid positron emission tomography in preclinical Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 46	9	2
36	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	5.6	2
35	Awareness of Cognitive Decline in Patients With Alzheimer's Disease: A Systematic Review and Meta-Analysis. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 697234	5.3	2
34	CSF Synaptic Biomarkers in the Preclinical Stage of Alzheimer Disease and Their Association With MRI and PET: A Cross-sectional Study. <i>Neurology</i> , 2021 , 97, e2065-e2078	6.5	2
33	Association of years to parent's sporadic onset and risk factors with neural integrity and Alzheimer biomarkers. <i>Neurology</i> , 2020 , 95, e2065-e2074	6.5	1
32	P2-505: REGIONAL DISTRIBUTION OF WHITE MATTER HYPERINTENSITY CORRELATES WITH COGNITION IN THE ALFA COHORT 2018 , 14, P925-P925		1
31	Enhancing the Sensitivity of Memory Tests: Reference Data for the Free and Cued Selective Reminding Test and the Logical Memory Task from Cognitively Healthy Subjects with Normal Alzheimer's Disease Cerebrospinal Fluid Biomarker Levels. <i>Journal of Alzheimer's Disease</i> , 2021 , 84, 119-128	4.3	1
30	Emerging beta-amyloid pathology is associated with tau, synaptic, neurodegeneration and gray matter volume differences. <i>Alzheimer's and Dementia</i> , 2020 , 16, e044466	1.2	0
29	Air pollution and biomarkers of Alzheimer's disease in cognitively unimpaired individuals. <i>Alzheimer's and Dementia</i> , 2020 , 16, e044802	1.2	0
28	Eating a Weekly Serving of Walnuts Relates to Beneficial Brain Imaging Phenotypes in a Cohort at Increased Risk of Alzheimer's Disease. <i>Current Developments in Nutrition</i> , 2020 , 4, 1234-1234	0.4	0
27	CHARACTERIZATION OF COGNITIVE PERFORMANCE, GRAY MATTER VOLUME AND WHITE MATTER MICROSTRUCTURE IN COGNITIVELY UNIMPAIRED ADULTS WITH INSOMNIA SYMPTOMS 2019 , 15, P207-P209		0
26	Perivascular spaces are associated with tau pathophysiology and synaptic dysfunction in early Alzheimer's continuum. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 135	9	0
25	Subjective cognitive decline correlates with medial temporal lobe and hippocampal subfield volumetry in cognitively unimpaired participants. <i>Alzheimer's and Dementia</i> , 2020 , 16, e043520	1.2	
24	Amyloid-β/tau, synaptic dysfunction, neurodegeneration, glial and vascular biomarkers in the preclinical stage of the Alzheimer's continuum. <i>Alzheimer's and Dementia</i> , 2020 , 16, e044444	1.2	
23	Genetically predicted telomere length and Alzheimer's disease endophenotypes: A Mendelian randomization study. <i>Alzheimer's and Dementia</i> , 2020 , 16, e044720	1.2	

22	The effect of physical activity on CSF biomarkers of Alzheimer's disease differs between men and women. <i>Alzheimer's and Dementia</i> , 2020 , 16, e044722	1.2
21	Higher fronto-parietal metabolism parallels a greater impact of amyloid and anxiety on medial temporal areas in women versus men. <i>Alzheimer's and Dementia</i> , 2020 , 16, e044780	1.2
20	PENSA study: Study design, recruitment profiles and participant inclusion in multimodal intervention studies. <i>Alzheimer's and Dementia</i> , 2020 , 16, e045074	1.2
19	APOE- ϵ shapes temporo-parietal network properties in middle-aged, cognitively unimpaired individuals: A graph theory analysis. <i>Alzheimer's and Dementia</i> , 2020 , 16, e045092	1.2
18	Weight loss predicts Alzheimer's disease biomarker positivity in cognitively unimpaired middle-aged adults. <i>Alzheimer's and Dementia</i> , 2020 , 16, e045137	1.2
17	Proximity to parental age at onset exacerbates amyloid burden while mental conditions exacerbate neural loss during midlife. <i>Alzheimer's and Dementia</i> , 2020 , 16, e045171	1.2
16	Incidence of subjective cognitive decline is associated with amyloid- β pathology, whereas stability relates to neurodegeneration. <i>Alzheimer's and Dementia</i> , 2020 , 16, e045293	1.2
15	Amyloid-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	1.2
14	The Barcelonabeta dementia prevention research clinic: Study design, recruitment profiles and inclusion in prevention studies [An update]. <i>Alzheimer's and Dementia</i> , 2020 , 16, e045800	1.2
13	ALFA+: A cohort study to understand and model the preclinical stage of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e045935	1.2
12	IC-P-220: THE AD-CSF-INDEX IS A VALID QUANTITATIVE MARKER OF AD ATROPHY PROGRESSION, WHICH IS MODULATED BY APOE4 STATUS 2014 , 10, P118-P119	
11	[P3B50]: INTERACTION BETWEEN AGE AND APOE GENOTYPE ON THE COGNITIVE PERFORMANCE OF HEALTHY INDIVIDUALS AT RISK FOR ALZHEIMER'S DISEASE 2017 , 13, P1189-P1189	
10	[P1B49]: SUBJECTIVE COGNITIVE DECLINE (SCD) AND SCD PLUS COGNITIVE PERFORMANCE AND STRUCTURAL IMAGING CORRELATES IN THE ALFA COHORT 2017 , 13, P391-P391	
9	[P1B06]: EFFECT OF AGE AND APOE GENOTYPES ON BRAIN MICROSTRUCTURE IN COGNITIVELY HEALTHY SUBJECTS AS MEASURED BY DIFFUSION-WEIGHTED IMAGING 2017 , 13, P429-P430	
8	[P2B44]: BRAIN MORPHOMETRICAL CORRELATES UNDERLYING COGNITIVE PERFORMANCE IN A GENETICALLY ENRICHED SAMPLE OF HEALTHY INDIVIDUALS AT RISK FOR ALZHEIMER'S DISEASE 2017 , 13, P753-P754	
7	[O2B6B2]: EXPOSURE TO AIR POLLUTION AND COGNITIVE PERFORMANCE OF HEALTHY INDIVIDUALS AT RISK FOR ALZHEIMER'S DISEASE 2017 , 13, P564-P565	
6	[O5B5B5]: IMPACT OF APOE GENETIC VARIANT ON BRAIN MORPHOLOGY IN A COHORT OF COGNITIVELY HEALTHY MIDDLE-AGED INDIVIDUALS WITH ENRICHED GENETIC RISK FOR ALZHEIMER'S DISEASE 2017 , 13, P1465-P1466	
5	Soundtrack of life: An fMRI study. <i>Behavioural Brain Research</i> , 2022 , 418, 113634	3.4

- 4 P4-573: PROXIMITY TO PARENTAL ONSET AND APOE ϵ INDEPENDENTLY CONTRIBUTE TO AMYLOID BURDEN IN MIDDLE-AGED ADULTS WITH A FAMILY HISTORY OF SPORADIC ALZHEIMER'S DISEASE **2019**, 15, P1539-P1539
- 3 O3-02-01: APOE- ϵ ALLELIC LOAD MODULATES THE ASSOCIATION BETWEEN CSF BETA-AMYLOID AND GRAY MATTER VOLUME IN COGNITIVELY UNIMPAIRED INDIVIDUALS **2019**, 15, P877-P878
- 2 O3-11-01: INFORMANT RATINGS, BUT NOT SELF-REPORTS, OF COGNITIVE DECLINE PREDICT AMYLOID PET POSITIVITY IN COGNITIVELY UNIMPAIRED MIDDLE-AGED INDIVIDUALS **2019**, 15, P910-P911
- 1 O3-12-02: SUBJECTS WITHOUT SELF-AWARENESS OF COGNITIVE DECLINE PRESENT DIFFERENT COGNITIVE AND BRAIN MORPHOLOGICAL FEATURES **2018**, 14, P1050-P1051