

David BartrÃ©s-Faz

List of Publications by Year in descending order

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Version: 2024-02-01

188
papers

8,786
citations

44069

48
h-index

53230

85
g-index

207
all docs

207
docs citations

207
times ranked

12254
citing authors

#	ARTICLE	IF	CITATIONS
1	Whitepaper: Defining and investigating cognitive reserve, brain reserve, and brain maintenance. <i>Alzheimer's and Dementia</i> , 2020, 16, 1305-1311.	0.8	806
2	Reorganization of brain networks in aging: a review of functional connectivity studies. <i>Frontiers in Psychology</i> , 2015, 6, 663.	2.1	396
3	Transcranial magnetic stimulation: studying the brain-behaviour relationship by induction of "virtual lesions". <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 1229-1238.	4.0	374
4	Brain structure and function related to cognitive reserve variables in normal aging, mild cognitive impairment and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2009, 30, 1114-1124.	3.1	315
5	Modulation of large-scale brain networks by transcranial direct current stimulation evidenced by resting-state functional MRI. <i>Brain Stimulation</i> , 2012, 5, 252-263.	1.6	261
6	Multiple DTI index analysis in normal aging, amnesic MCI and AD. Relationship with neuropsychological performance. <i>Neurobiology of Aging</i> , 2012, 33, 61-74.	3.1	241
7	Relationships between years of education and gray matter volume, metabolism and functional connectivity in healthy elders. <i>NeuroImage</i> , 2013, 83, 450-457.	4.2	234
8	Brain connectivity during resting state and subsequent working memory task predicts behavioural performance. <i>Cortex</i> , 2012, 48, 1187-1196.	2.4	189
9	Repetitive Transcranial Magnetic Stimulation Effects on Brain Function and Cognition among Elders with Memory Dysfunction. A Randomized Sham-Controlled Study. <i>Cerebral Cortex</i> , 2006, 16, 1487-1493.	2.9	169
10	Impact of the COMT Val108/158 Met and DAT genotypes on prefrontal function in healthy subjects. <i>NeuroImage</i> , 2007, 37, 1437-1444.	4.2	165
11	Brain morphometry reproducibility in multi-center 3T MRI studies: A comparison of cross-sectional and longitudinal segmentations. <i>NeuroImage</i> , 2013, 83, 472-484.	4.2	157
12	Cortical folding abnormalities in schizophrenia patients with resistant auditory hallucinations. <i>NeuroImage</i> , 2008, 39, 927-935.	4.2	156
13	Down-Regulation of Negative Emotional Processing by Transcranial Direct Current Stimulation: Effects of Personality Characteristics. <i>PLoS ONE</i> , 2011, 6, e22812.	2.5	141
14	Structural and Functional Imaging Correlates of Cognitive and Brain Reserve Hypotheses in Healthy and Pathological Aging. <i>Brain Topography</i> , 2011, 24, 340-357.	1.8	138
15	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
16	Cognitive reserve modulates task-induced activations and deactivations in healthy elders, amnesic mild cognitive impairment and mild Alzheimer's disease. <i>Cortex</i> , 2010, 46, 451-461.	2.4	136
17	Modulation of verbal fluency networks by transcranial direct current stimulation (tDCS) in Parkinson's disease. <i>Brain Stimulation</i> , 2013, 6, 16-24.	1.6	135
18	Longitudinal evaluation of cerebral morphological changes in Parkinson's disease with and without dementia. <i>Journal of Neurology</i> , 2005, 252, 1345-1352.	3.6	129

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19	Changes in whole-brain functional networks and memory performance in aging. <i>Neurobiology of Aging</i> , 2014, 35, 2193-2202.	3.1	124
20	Disease Tracking Markers for Alzheimer's Disease at the Prodromal (MCI) Stage. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 159-199.	2.6	120
21	Effect of CPAP on Cognition, Brain Function, and Structure Among Elderly Patients With OSA. <i>Chest</i> , 2015, 148, 1214-1223.	0.8	107
22	The influence of cognitive reserve on psychosocial and neuropsychological functioning in bipolar disorder. <i>European Neuropsychopharmacology</i> , 2015, 25, 214-222.	0.7	106
23	Multisite longitudinal reliability of tract-based spatial statistics in diffusion tensor imaging of healthy elderly subjects. <i>NeuroImage</i> , 2014, 101, 390-403.	4.2	99
24	Cognitively Preserved Subjects with Transitional Cerebrospinal Fluid A β -Amyloid 1-42 Values Have Thicker Cortex in Alzheimer's Disease Vulnerable Areas. <i>Biological Psychiatry</i> , 2011, 70, 183-190.	1.3	93
25	Decreased Default Mode Network connectivity correlates with age-associated structural and cognitive changes. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 256.	3.4	86
26	Longitudinal reproducibility of default-mode network connectivity in healthy elderly participants: A multicentric resting-state fMRI study. <i>NeuroImage</i> , 2016, 124, 442-454.	4.2	85
27	Left superior temporal gyrus activation during sentence perception negatively correlates with auditory hallucination severity in schizophrenia patients. <i>Schizophrenia Research</i> , 2006, 87, 109-115.	2.0	84
28	Paracingulate sulcus morphology in men with early-onset schizophrenia. <i>British Journal of Psychiatry</i> , 2003, 182, 228-232.	2.8	83
29	Interactions of cognitive reserve with regional brain anatomy and brain function during a working memory task in healthy elders. <i>Biological Psychology</i> , 2009, 80, 256-259.	2.2	81
30	Long-term exercise training improves memory in middle-aged men and modulates peripheral levels of BDNF and Cathepsin B. <i>Scientific Reports</i> , 2019, 9, 3337.	3.3	79
31	Relationship between cortical thickness and cerebrospinal fluid YKL-40 in prodementia stages of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015, 36, 2018-2023.	3.1	75
32	Free water elimination improves test-retest reproducibility of diffusion tensor imaging indices in the brain: A longitudinal multisite study of healthy elderly subjects. <i>Human Brain Mapping</i> , 2017, 38, 12-26.	3.6	72
33	Individual variations in "brain age" relate to early-life factors more than to longitudinal brain change. <i>ELife</i> , 2021, 10, .	6.0	71
34	Structural brain correlates of verbal fluency in Parkinson's disease. <i>NeuroReport</i> , 2009, 20, 741-744.	1.2	69
35	Progressive Gray Matter Atrophy in Lacunar Patients with Vascular Mild Cognitive Impairment. <i>Cerebrovascular Diseases</i> , 2010, 30, 157-166.	1.7	68
36	Regional vulnerability of hippocampal subfields to aging measured by structural and diffusion MRI. <i>Hippocampus</i> , 2014, 24, 403-414.	1.9	67

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37	Mild Cognitive Impairment after Lacunar Infarction: Voxel-Based Morphometry and Neuropsychological Assessment. <i>Cerebrovascular Diseases</i> , 2007, 23, 353-361.	1.7	64
38	Neuropsychological abnormalities associated with lacunar infarction. <i>Journal of the Neurological Sciences</i> , 2007, 257, 160-165.	0.6	64
39	Clinical and biomarker profiling of prodromal Alzheimer's disease in workpackage 5 of the Innovative Medicines Initiative PharmaCog project: a "European <sc>ADNI</sc> study"™. <i>Journal of Internal Medicine</i> , 2016, 279, 576-591.	6.0	64
40	Regional vulnerability of hippocampal subfields and memory deficits in Parkinson's disease. <i>Hippocampus</i> , 2013, 23, 720-728.	1.9	63
41	Task-dependent Activity and Connectivity Predict Episodic Memory Network-based Responses to Brain Stimulation in Healthy Aging. <i>Brain Stimulation</i> , 2014, 7, 287-296.	1.6	62
42	Cognitive reserve as a predictor of two year neuropsychological performance in early onset first-episode schizophrenia. <i>Schizophrenia Research</i> , 2013, 143, 125-131.	2.0	61
43	Distinct Functional Activity of the Precuneus and Posterior Cingulate Cortex During Encoding in the Preclinical Stage of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2012, 31, 517-526.	2.6	59
44	Association between CSF biomarkers, hippocampal volume and cognitive function in patients with amnesic mild cognitive impairment (MCI). <i>Neurobiology of Aging</i> , 2017, 53, 1-10.	3.1	59
45	Effect of a 2-year diet intervention with walnuts on cognitive decline. The Walnuts And Healthy Aging (WAHA) study: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 590-600.	4.7	59
46	Differential tDCS and tACS Effects on Working Memory-Related Neural Activity and Resting-State Connectivity. <i>Frontiers in Neuroscience</i> , 2019, 13, 1440.	2.8	59
47	Influence of <i>BDNF</i> Val66Met on the relationship between physical activity and brain volume. <i>Neurology</i> , 2014, 83, 1345-1352.	1.1	58
48	Neuropsychological and Genetic Differences Between Age-Associated Memory Impairment and Mild Cognitive Impairment Entities. <i>Journal of the American Geriatrics Society</i> , 2001, 49, 985-990.	2.6	57
49	The Barcelona Brain Health Initiative: A Cohort Study to Define and Promote Determinants of Brain Health. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 321.	3.4	55
50	Healthy minds "100 years: Optimising the use of European brain imaging cohorts ("Lifebrain"). <i>European Psychiatry</i> , 2018, 50, 47-56.	0.2	53
51	Self-reported sleep relates to hippocampal atrophy across the adult lifespan: results from the Lifebrain consortium. <i>Sleep</i> , 2020, 43, .	1.1	53
52	Multimodal characterization of older <i>APOE2</i> carriers reveals selective reduction of amyloid load. <i>Neurology</i> , 2017, 88, 569-576.	1.1	50
53	Educational attainment does not influence brain aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	49
54	MRI and genetic correlates of cognitive function in elders with memory impairment. <i>Neurobiology of Aging</i> , 2001, 22, 449-459.	3.1	48

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55	Age-related differences in default-mode network connectivity in response to intermittent theta-burst stimulation and its relationships with maintained cognition and brain integrity in healthy aging. <i>NeuroImage</i> , 2019, 188, 794-806.	4.2	47
56	Meaning in life: resilience beyond reserve. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 47.	6.2	46
57	Age-related changes in resting-state functional connectivity in older adults. <i>Neural Regeneration Research</i> , 2019, 14, 1544.	3.0	46
58	Dopamine DRD2 Taq I polymorphism associates with caudate nucleus volume and cognitive performance in memory impaired subjects. <i>NeuroReport</i> , 2002, 13, 1121-1125.	1.2	44
59	Dynamic Functional Reorganizations and Relationship with Working Memory Performance in Healthy Aging. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 152.	2.0	44
60	Neurochemical Modulation in Posteromedial Default-mode Network Cortex Induced by Transcranial Magnetic Stimulation. <i>Brain Stimulation</i> , 2015, 8, 937-944.	1.6	42
61	Cognitive Reserve Proxies Relate to Gray Matter Loss in Cognitively Healthy Elderly with Abnormal Cerebrospinal Fluid Amyloid- β Levels. <i>Journal of Alzheimer's Disease</i> , 2013, 35, 715-726.	2.6	40
62	Donepezil Treatment Stabilizes Functional Connectivity During Resting State and Brain Activity During Memory Encoding in Alzheimer's Disease. <i>Journal of Clinical Psychopharmacology</i> , 2013, 33, 199-205.	1.4	40
63	Angiotensin I converting enzyme polymorphism in humans with age-associated memory impairment: relationship with cognitive performance. <i>Neuroscience Letters</i> , 2000, 290, 177-180.	2.1	39
64	Applying the new research diagnostic criteria: MRI findings and neuropsychological correlations of prodromal AD. <i>International Journal of Geriatric Psychiatry</i> , 2012, 27, 127-134.	2.7	38
65	Test-retest reliability of the default mode network in a multi-centric fMRI study of healthy elderly: Effects of data-driven physiological noise correction techniques. <i>Human Brain Mapping</i> , 2016, 37, 2114-2132.	3.6	38
66	Amygdalar nuclei and hippocampal subfields on MRI: Test-retest reliability of automated volumetry across different MRI sites and vendors. <i>NeuroImage</i> , 2020, 218, 116932.	4.2	38
67	Training in the practice of noninvasive brain stimulation: Recommendations from an IFCN committee. <i>Clinical Neurophysiology</i> , 2021, 132, 819-837.	1.5	38
68	Specific Anatomic Associations Between White Matter Integrity and Cognitive Reserve in Normal and Cognitively Impaired Elders. <i>American Journal of Geriatric Psychiatry</i> , 2011, 19, 33-42.	1.2	36
69	Different reserve proxies confer overlapping and unique endurance to cortical thinning in healthy middle-aged adults. <i>Behavioural Brain Research</i> , 2016, 311, 375-383.	2.2	36
70	Active and placebo transcranial magnetic stimulation effects on external and internal auditory hallucinations of schizophrenia. <i>Acta Psychiatrica Scandinavica</i> , 2017, 135, 228-238.	4.5	35
71	Longitudinal reproducibility of automatically segmented hippocampal subfields: A multisite European 3T study on healthy elderly. <i>Human Brain Mapping</i> , 2015, 36, 3516-3527.	3.6	34
72	Mechanisms underlying resilience in ageing. <i>Nature Reviews Neuroscience</i> , 2019, 20, 246-246.	10.2	34

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73	Two-Year Longitudinal Monitoring of Amnesic Mild Cognitive Impairment Patients with Prodromal Alzheimer's Disease Using Topographical Biomarkers Derived from Functional Magnetic Resonance Imaging and Electroencephalographic Activity. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 15-35.	2.6	34
74	APOE Status Modulates the Changes in Network Connectivity Induced by Brain Stimulation in Non-Demented Elders. <i>PLoS ONE</i> , 2012, 7, e51833.	2.5	34
75	Evolving brain structural changes in PSEN1 mutation carriers. <i>Neurobiology of Aging</i> , 2015, 36, 1261-1270.	3.1	30
76	Apolipoproteins E and C1 and brain morphology in memory impaired elders. <i>Neurogenetics</i> , 2003, 4, 141-146.	1.4	28
77	White matter hyperintensities and cognitive reserve during a working memory task: a functional magnetic resonance imaging study in cognitively normal older adults. <i>Neurobiology of Aging</i> , 2016, 48, 23-33.	3.1	28
78	Differential age-related gray and white matter impact mediates educational influence on elders' cognition. <i>Brain Imaging and Behavior</i> , 2017, 11, 318-332.	2.1	27
79	Brain Networks are Independently Modulated by Donepezil, Sleep, and Sleep Deprivation. <i>Brain Topography</i> , 2018, 31, 380-391.	1.8	27
80	Apo E influences declarative and procedural learning in age-associated memory impairment. <i>NeuroReport</i> , 1999, 10, 2923-2927.	1.2	25
81	Diagnosis of prodromal and Alzheimer's disease dementia in adults with Down syndrome using neuropsychological tests. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12047.	2.4	25
82	Education and Income Show Heterogeneous Relationships to Lifespan Brain and Cognitive Differences Across European and US Cohorts. <i>Cerebral Cortex</i> , 2022, 32, 839-854.	2.9	25
83	Poor Self-Reported Sleep is Related to Regional Cortical Thinning in Aging but not Memory Decline—Results From the Lifebrain Consortium. <i>Cerebral Cortex</i> , 2021, 31, 1953-1969.	2.9	25
84	Modular slowing of resting-state dynamic functional connectivity as a marker of cognitive dysfunction induced by sleep deprivation. <i>NeuroImage</i> , 2020, 222, 117155.	4.2	24
85	Accuracy and reproducibility of automated white matter hyperintensities segmentation with lesion segmentation tool: A European multi-site 3T study. <i>Magnetic Resonance Imaging</i> , 2021, 76, 108-115.	1.8	24
86	Meaning in Life: A Major Predictive Factor for Loneliness Comparable to Health Status and Social Connectedness. <i>Frontiers in Psychology</i> , 2021, 12, 627547.	2.1	24
87	Functional connectivity of the hippocampus in elderly with mild memory dysfunction carrying the APOE ϵ 4 allele. <i>Neurobiology of Aging</i> , 2008, 29, 1644-1653.	3.1	23
88	The paradoxical effect of COVID-19 outbreak on loneliness. <i>BJPsych Open</i> , 2021, 7, e30.	0.7	23
89	Corpus callosum atrophy in adolescents with antecedents of moderate perinatal asphyxia. <i>Brain Injury</i> , 2003, 17, 1003-1009.	1.2	22
90	Paracingulate sulcus morphology and fMRI activation detection in schizophrenia patients. <i>Schizophrenia Research</i> , 2006, 82, 143-151.	2.0	22

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91	Greater Default-Mode Network Abnormalities Compared to High Order Visual Processing Systems in Amnesic Mild Cognitive Impairment: An Integrated Multi-Modal MRI Study. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 523-539.	2.6	22
92	Is the Use of the Wooden and Computerized Versions of the Tower of Hanoi Puzzle Equivalent?. <i>Applied Neuropsychology</i> , 2002, 9, 117-120.	1.5	21
93	Apolipoprotein E Gender Effects on Cognitive Performance in Age-Associated Memory Impairment. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2002, 14, 80-83.	1.8	21
94	Anterior cingulate and paracingulate sulci morphology in patients with schizophrenia. <i>Schizophrenia Research</i> , 2010, 121, 66-74.	2.0	21
95	Neurobehavioral and Cognitive Changes Induced by Sleep Deprivation in Healthy Volunteers. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 777-801.	1.4	20
96	Association between cerebrospinal fluid tau and brain atrophy is not related to clinical severity in the Alzheimer's disease continuum. <i>Psychiatry Research - Neuroimaging</i> , 2011, 192, 140-146.	1.8	19
97	Human Brain Resilience: A Call to Action. <i>Annals of Neurology</i> , 2021, 90, 336-349.	5.3	19
98	Evolving Brain Functional Abnormalities in PSEN1 Mutation Carriers: A Resting and Visual Encoding fMRI Study. <i>Journal of Alzheimer's Disease</i> , 2013, 36, 165-175.	2.6	19
99	Relationship among 1H-magnetic resonance spectroscopy, brain volumetry and genetic polymorphisms in humans with memory impairment. <i>Neuroscience Letters</i> , 2002, 327, 177-180.	2.1	18
100	Distinctive age-related temporal cortical thinning in asymptomatic granulin gene mutation carriers. <i>Neurobiology of Aging</i> , 2013, 34, 1462-1468.	3.1	18
101	Characterizing the Molecular Architecture of Cortical Regions Associated with High Educational Attainment in Older Individuals. <i>Journal of Neuroscience</i> , 2019, 39, 4566-4575.	3.6	18
102	Associations Between Cardiorespiratory Fitness, Cardiovascular Risk, and Cognition Are Mediated by Structural Brain Health in Midlife. <i>Journal of the American Heart Association</i> , 2021, 10, e020688.	3.7	18
103	A Review of the Effects of Hypoxia, Sleep Deprivation and Transcranial Magnetic Stimulation on EEG Activity in Humans: Challenges for Drug Discovery for Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2014, 11, 501-518.	1.4	18
104	Functional and structural correlates of working memory performance and stability in healthy older adults. <i>Brain Structure and Function</i> , 2020, 225, 375-386.	2.3	17
105	Combining non-invasive brain stimulation with functional magnetic resonance imaging to investigate the neural substrates of cognitive aging. <i>Journal of Neuroscience Research</i> , 2022, 100, 1159-1170.	2.9	16
106	The Barcelona Brain Health Initiative: Cohort description and first follow-up. <i>PLoS ONE</i> , 2020, 15, e0228754.	2.5	16
107	Increased cerebral activity in Parkinson's disease patients carrying the DRD2 TaqIA A1 allele during a demanding motor task: a compensatory mechanism?. <i>Genes, Brain and Behavior</i> , 2007, 6, 588-592.	2.2	14
108	Healthy minds 0â€“100 years: Optimising the use of European brain imaging cohorts (â€œLifebrainâ€œ). <i>European Psychiatry</i> , 2018, 47, 76-77.	0.2	14

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109	Beware of Optimism Bias in the Context of the COVID-19 Pandemic. <i>Annals of Neurology</i> , 2021, 89, 423-425.	5.3	14
110	Noninvasive Brain Stimulation for the Study of Memory Enhancement in Aging. <i>European Psychologist</i> , 2016, 21, 41-54.	3.1	14
111	Apolipoprotein E Gender Effects on Cognitive Performance in Age-Associated Memory Impairment. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2002, 14, 80-83.	1.8	14
112	Traumatic Brain Injury Modifies the Relationship Between Physical Activity and Global and Cognitive Health: Results From the Barcelona Brain Health Initiative. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 135.	2.0	13
113	Identifying Earlier Alzheimer's Disease: Insights from the Preclinical and Prodromal Phases. <i>Neurodegenerative Diseases</i> , 2012, 10, 158-160.	1.4	12
114	Associations of circulating C-reactive proteins, APOE ϵ 4, and brain markers for Alzheimer's disease in healthy samples across the lifespan. <i>Brain, Behavior, and Immunity</i> , 2022, 100, 243-253.	4.1	12
115	Are People Ready for Personalized Brain Health? Perspectives of Research Participants in the Lifebrain Consortium. <i>Gerontologist</i> , 2020, 60, 1050-1059.	3.9	11
116	Longitudinal association between hippocampus atrophy and episodic memory decline in non-demented APOE ϵ 4 carriers. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12110.	2.4	11
117	tDCS-Induced Memory Reconsolidation Effects and Its Associations With Structural and Functional MRI Substrates in Subjective Cognitive Decline. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 695232.	3.4	11
118	Sleep deprivation and Modafinil affect cortical sources of resting state electroencephalographic rhythms in healthy young adults. <i>Clinical Neurophysiology</i> , 2019, 130, 1488-1498.	1.5	10
119	Effects of cTBS on the Frequency-Following Response and Other Auditory Evoked Potentials. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 250.	2.0	10
120	An Alzheimer Disease Challenge Model: 24-Hour Sleep Deprivation in Healthy Volunteers, Impact on Working Memory, and Reversal Effect of Pharmacological Intervention. <i>Journal of Clinical Psychopharmacology</i> , 2020, 40, 222-230.	1.4	10
121	Peripheral Maintenance of the Axis SIRT1-SIRT3 at Youth Level May Contribute to Brain Resilience in Middle-Aged Amateur Rugby Players. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 352.	3.4	10
122	Technologies for Monitoring Lifestyle Habits Related to Brain Health: A Systematic Review. <i>Sensors</i> , 2019, 19, 4183.	3.8	9
123	Theoretical frameworks and approaches used within the Reserve, Resilience and Protective Factors professional interest area of the Alzheimer's Association International Society to Advance Alzheimer's Research and Treatment. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12115.	2.4	9
124	Multifocal Transcranial Direct Current Stimulation Modulates Resting-State Functional Connectivity in Older Adults Depending on the Induced Current Density. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 725013.	3.4	9
125	Adaptability and reproducibility of a memory disruption rTMS protocol in the PharmaCog IMI European project. <i>Scientific Reports</i> , 2018, 8, 9371.	3.3	8
126	The Global Brain Health Survey: Development of a Multi-Language Survey of Public Views on Brain Health. <i>Frontiers in Public Health</i> , 2020, 8, 387.	2.7	8

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127	Sense of Coherence Mediates the Relationship Between Cognitive Reserve and Cognition in Middle-Aged Adults. <i>Frontiers in Psychology</i> , 2022, 13, 835415.	2.1	8
128	The genetic organization of longitudinal subcortical volumetric change is stable throughout the lifespan. <i>ELife</i> , 2021, 10, .	6.0	7
129	Poorer cognitive performance in humans with mild cognitive impairment carrying the T variant of the Glu/Asp NOS3 polymorphism. <i>Neuroscience Letters</i> , 2004, 358, 5-8.	2.1	6
130	PSEN1 Mutation Carriers Present Lower Cerebrospinal Fluid Amyloid- β 42 Levels than Sporadic Early-Onset Alzheimer's Disease Patients but no Differences in Neuronal Injury Biomarkers. <i>Journal of Alzheimer's Disease</i> , 2012, 30, 605-616.	2.6	6
131	Validation and Normative Data of the Spanish Version of the Rey Auditory Verbal Learning Test and Associated Long-Term Forgetting Measures in Middle-Aged Adults. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 809019.	3.4	6
132	Public perceptions of brain health: an international, online cross-sectional survey. <i>BMJ Open</i> , 2022, 12, e057999.	1.9	6
133	Neuropsychological deficits in a child with a left penetrating brain injury. <i>Brain Injury</i> , 2003, 17, 695-700.	1.2	5
134	Validation and Normative Data of the Spanish Version of the Face Name Associative Memory Exam (S-FNAME). <i>Journal of the International Neuropsychological Society</i> , 2022, 28, 74-84.	1.8	5
135	Self-reported sleep relates to microstructural hippocampal decline in β -amyloid positive Adults beyond genetic risk. <i>Sleep</i> , 2021, 44, .	1.1	5
136	Translational Challenge Models in Support of Efficacy Studies: Neurobehavioral and Cognitive Changes Induced by Transcranial Magnetic Stimulation in Healthy Volunteers. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 802-815.	1.4	5
137	BDNF Val66Met gene polymorphism modulates brain activity following rTMS-induced memory impairment. <i>Scientific Reports</i> , 2022, 12, 176.	3.3	5
138	Local Prefrontal Cortex TMS-Induced Reactivity Is Related to Working Memory and Reasoning in Middle-Aged Adults. <i>Frontiers in Psychology</i> , 2022, 13, 813444.	2.1	5
139	No Association Between Loneliness, Episodic Memory and Hippocampal Volume Change in Young and Healthy Older Adults: A Longitudinal European Multicenter Study. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 795764.	3.4	5
140	Higher severity of frontal periventricular white matter and basal ganglia hyperintensities in first-ever lacunar stroke with multiple silent lacunes. <i>European Journal of Neurology</i> , 2008, 15, 1002-1005.	3.3	4
141	Resting-State Functional Connectivity Dynamics in Healthy Aging: An Approach Through Network Change Point Detection. <i>Brain Connectivity</i> , 2020, 10, 134-142.	1.7	4
142	Neurobehavioral and Cognitive Changes Induced by Hypoxia in Healthy Volunteers. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 816-822.	1.4	4
143	Cognitive Reserve as a Protective Factor of Mental Health in Middle-Aged Adults Affected by Chronic Pain. <i>Frontiers in Psychology</i> , 2021, 12, 752623.	2.1	4
144	Relation of Apo E and ACE genes to cognitive performance in chronic alcoholic patients. <i>Addiction Biology</i> , 2002, 7, 227-233.	2.6	3

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145	Functional brain changes associated with cognitive trajectories determine specific tDCS-induced effects among older adults. <i>Journal of Neuroscience Research</i> , 2021, 99, 2188-2200.	2.9	3
146	Angiotensin I converting enzyme polymorphism effects in patients with normal pressure hydrocephalus syndrome before and after surgery. <i>Journal of Neurology</i> , 2005, 252, 191-196.	3.6	2
147	Commentary: Duration-dependent effects of the BDNF Val66Met polymorphism on anodal tDCS induced motor cortex plasticity in older adults: a group and individual perspective. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 183.	3.4	2
148	P2-302: CSF Beta-Amyloid- and APOE ϵ 4-Related Decline in Episodic Memory Over 12 Months Measured using the Cantab in Individuals with Amnesic MCI: Results from the European ADNI Study. , 2016, 12, P751-P751.		2
149	ICâ€Pâ€120: Association Between Brain MRI Diffusion Alterations and CSF Biomarkers in Amnesic MCI. <i>Alzheimer's and Dementia</i> , 2016, 12, P89.	0.8	2
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