Didac Vidal-PiÃ±eiro

List of Publications by Year
in descending order

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37 papers	1,688 citations	394421 19 h-index	345221 36 g-index
51 all docs	51 docs citations	51 times ranked	3466 citing authors

#	Article	IF	Citations
1	Modulation of large-scale brain networks by transcranial direct current stimulation evidenced by resting-state functional MRI. Brain Stimulation, 2012, 5, 252-263.	1.6	261
2	Brain connectivity during resting state and subsequent working memory task predicts behavioural performance. Cortex, 2012, 48, 1187-1196.	2.4	189
3	Down-Regulation of Negative Emotional Processing by Transcranial Direct Current Stimulation: Effects of Personality Characteristics. PLoS ONE, 2011, 6, e22812.	2.5	141
4	Changes in whole-brain functional networks and memory performance in aging. Neurobiology of Aging, 2014, 35, 2193-2202.	3.1	124
5	Decreased Default Mode Network connectivity correlates with age-associated structural and cognitive changes. Frontiers in Aging Neuroscience, 2014, 6, 256.	3.4	86
6	Cellular correlates of cortical thinning throughout the lifespan. Scientific Reports, 2020, 10, 21803.	3.3	80
7	Relationship between cortical thickness and cerebrospinal fluid YKL-40 in predementia stages of Alzheimer's disease. Neurobiology of Aging, 2015, 36, 2018-2023.	3.1	75
8	Individual variations in â€˜brain ageâ€™ relate to early-life factors more than to longitudinal brain change. ELife, 2021, 10, .	6.0	71
9	Asymmetric thinning of the cerebral cortex across the adult lifespan is accelerated in Alzheimerâ€™s disease. Nature Communications, 2021, 12, 721.	12.8	67
10	Task-dependent Activity and Connectivity Predict Episodic Memory Network-based Responses to Brain Stimulation in Healthy Aging. Brain Stimulation, 2014, 7, 287-296.	1.6	62
11	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. NeuroImage, 2019, 188, 794-806.	4.2	47
12	Deep neural networks learn general and clinically relevant representations of the ageing brain. NeuroImage, 2022, 256, 119210.	4.2	46
13	Dynamic Functional Reorganizations and Relationship with Working Memory Performance in Healthy Aging. Frontiers in Human Neuroscience, 2012, 6, 152.	2.0	44
14	Neurochemical Modulation in Posteromedial Default-mode Network Cortex Induced by Transcranial Magnetic Stimulation. Brain Stimulation, 2015, 8, 937-944.	1.6	42
15	Accelerated longitudinal gray/white matter contrast decline in aging in lightly myelinated cortical regions. Human Brain Mapping, 2016, 37, 3669-3684.	3.6	40
16	White matter hyperintensities and cognitive reserve during a working memory task: a functional magnetic resonance imaging study in cognitively normal older adults. Neurobiology of Aging, 2016, 48, 23-33.	3.1	28
17	Maintained Frontal Activity Underlies High Memory Function Over 8 Years in Aging. Cerebral Cortex, 2019, 29, 3111-3123.	2.9	28
18	Differential age-related gray and white matter impact mediates educational influence on eldersâ€™ cognition. Brain Imaging and Behavior, 2017, 11, 318-332.	2.1	27

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19	Cortical thickness in regions of frontal and temporal lobes is associated with responsiveness to cognitive remediation therapy in schizophrenia. Schizophrenia Research, 2016, 171, 110-116.	2.0	26
20	Poor Self-Reported Sleep is Related to Regional Cortical Thinning in Aging but not Memory Declineâ€"Results From the Lifebrain Consortium. Cerebral Cortex, 2021, 31, 1953-1969.	2.9	25
21	Inferior frontal and insular cortical thinning is related to dysfunctional brain activation/deactivation during working memory task in schizophrenic patients. Psychiatry Research - Neuroimaging, 2013, 214, 94-101.	1.8	19
22	Development and Decline of the Hippocampal Long-Axis Specialization and Differentiation During Encoding and Retrieval of Episodic Memories. Cerebral Cortex, 2019, 29, 3398-3414.	2.9	19
23	Neural correlates of durable memories across the adult lifespan: brain activity at encoding and retrieval. Neurobiology of Aging, 2017, 60, 20-33.	3.1	15
24	CSF sTREM2 and Tau Work Together in Predicting Increased Temporal Lobe Atrophy in Older Adults. Cerebral Cortex, 2020, 30, 2295-2306.	2.9	15
25	The Lifespan Trajectory of the Encoding-Retrieval Flip: A Multimodal Examination of Medial Parietal Cortex Contributions to Episodic Memory. Journal of Neuroscience, 2018, 38, 8666-8679.	3.6	14
26	Noninvasive Brain Stimulation for the Study of Memory Enhancement in Aging. European Psychologist, 2016, 21, 41-54.	3.1	14
27	Corticosteroids and Regional Variations in Thickness of the Human Cerebral Cortex across the Lifespan. Cerebral Cortex, 2020, 30, 575-586.	2.9	13
28	Age-Related Differences in Functional Asymmetry During Memory Retrieval Revisited: No Evidence for Contralateral Overactivation or Compensation. Cerebral Cortex, 2020, 30, 1129-1147.	2.9	12
29	Relationships between apparent cortical thickness and working memory across the lifespan - Effects of genetics and socioeconomic status. Developmental Cognitive Neuroscience, 2021, 51, 100997.	4.0	8
30	Metabolite Signature of Alzheimer's Disease in Adults with Down Syndrome. Annals of Neurology, 2021, 90, 407-416.	5.3	7
31	Whole-brain connectivity during encoding: age-related differences and associations with cognitive and brain structural decline. Cerebral Cortex, 2022, 33, 68-82.	2.9	7
32	PSEN1 Mutation Carriers Present Lower Cerebrospinal Fluid Amyoid-Î²42 Levels than Sporadic Early-Onset Alzheimer's Disease Patients but no Differences in Neuronal Injury Biomarkers. Journal of Alzheimer's Disease, 2012, 30, 605-616.	2.6	6
33	Reduced Hippocampal-Striatal Interactions during Formation of Durable Episodic Memories in Aging. Cerebral Cortex, 2021, , .	2.9	5
34	Relationship between cerebrospinal fluid neurodegeneration biomarkers and temporal brain atrophy in cognitively healthy older adults. Neurobiology of Aging, 2022, 116, 80-91.	3.1	5
35	The Functional Foundations of Episodic Memory Remain Stable Throughout the Lifespan. Cerebral Cortex, 2021, 31, 2098-2110.	2.9	3
36	[P1â€"370]: AGEâ€RELATED DIFFERENCES IN THE MODULATION OF RESTINGâ€STATE FUNCTIONAL CONNECTIVITY FOLLOWING REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION. Alzheimer's and Dementia, 2017, 13, P402.	0.8	0

#	Article	IF	Citations
37	P2â€395: TESTING MAINTENANCE AND COMPENSATION NOTIONS IN NORMAL AGING: AGEâ€RELATED CORRELATES OF ASSOCIATIVE ENCODING SUCCESS. Alzheimer's and Dementia, 2018, 14, P854.	0.8	0