Raffaele Cacciaglia

List of Publications by Year
in descending order

50 papers	1,368 citations	430874 18 h-index	377865 34 g-index
54 all docs	54 docs citations	54 times ranked	2438 citing authors

#	Article	IF	Citations
1	Differences Between Plasma and Cerebrospinal Fluid Glial Fibrillary Acidic Protein Levels Across the Alzheimer Disease Continuum. JAMA Neurology, 2021, 78, 1471.	9.0	204
2	Novel tau biomarkers phosphorylated at T181, T217 or T231 rise in the initial stages of the preclinical Alzheimerâ€™s continuum when only subtle changes in AÎ² pathology are detected. EMBO Molecular Medicine, 2020, 12, e12921.	6.9	202
3	Effects of APOEâ€Îµ4 allele load on brain morphology in a cohort of middleâ€aged healthy individuals with enriched genetic risk for Alzheimer's disease. Alzheimer's and Dementia, 2018, 14, 902-912.	0.8	98
4	Amygdalar and hippocampal volume: A comparison between manual segmentation, Freesurfer and VBM. Journal of Neuroscience Methods, 2015, 253, 254-261.	2.5	77
5	Brain and cognitive correlates of subjective cognitive decline-plus features in a population-based cohort. Alzheimer's Research and Therapy, 2018, 10, 123.	6.2	73
6	Bigger is better! Hippocampal volume and declarative memory performance in healthy young men. Brain Structure and Function, 2014, 219, 255-267.	2.3	71
7	Hippocampal but not amygdalar volume affects contextual fear conditioning in humans. Human Brain Mapping, 2012, 33, 478-488.	3.6	56
8	Involvement of the human midbrain and thalamus in auditory deviance detection. Neuropsychologia, 2015, 68, 51-58.	1.6	55
9	Association between insomnia and cognitive performance, gray matter volume, and white matter microstructure in cognitively unimpaired adults. Alzheimer's Research and Therapy, 2020, 12, 4.	6.2	53
10	Neural Mechanism of a Sex-Specific Risk Variant for Posttraumatic Stress Disorder in the Type I Receptor of the Pituitary Adenylate Cyclase Activating Polypeptide. Biological Psychiatry, 2015, 78, 840-847.	1.3	47
11	White matter microstructure is altered in cognitively normal middle-aged APOE-Îµ4 homozygotes. Alzheimer's Research and Therapy, 2018, 10, 48.	6.2	43
12	Trauma exposure relates to heightened stress, altered amygdala morphology and deficient extinction learning: Implications for psychopathology. Psychoneuroendocrinology, 2017, 76, 19-28.	2.7	38
13	Episodic memory and executive functions in cognitively healthy individuals display distinct neuroanatomical correlates which are differentially modulated by aging. Human Brain Mapping, 2018, 39, 4565-4579.	3.6	32
14	Interactive effect of age and APOE-Îµ4 allele load on white matter myelin content in cognitively normal middle-aged subjects. NeuroImage: Clinical, 2019, 24, 101983.	2.7	30
15	Perivascular spaces are associated with tau pathophysiology and synaptic dysfunction in early Alzheimerâ€™s continuum. Alzheimer's Research and Therapy, 2021, 13, 135.	6.2	30
16	White matter hyperintensities mediate gray matter volume and processing speed relationship in cognitively unimpaired participants. Human Brain Mapping, 2020, 41, 1309-1322.	3.6	27
17	Dissociable roles for hippocampal and amygdalar volume in human fear conditioning. Brain Structure and Function, 2015, 220, 2575-2586.	2.3	26
18	Brain morphology correlates of interindividual differences in conditioned fear acquisition and extinction learning. Brain Structure and Function, 2016, 221, 1927-1937.	2.3	24

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19	Prediction of amyloid pathology in cognitively unimpaired individuals using voxel-wise analysis of longitudinal structural brain MRI. Alzheimer's Research and Therapy, 2019, 11, 72.	6.2	23
20	A risk variant for alcoholism in the NMDA receptor affects amygdala activity during fear conditioning in humans. Biological Psychology, 2013, 94, 74-81.	2.2	19
21	APOE-Îµ4 risk variant for Alzheimer's disease modifies the association between cognitive performance and cerebral morphology in healthy middle-aged individuals. NeuroImage: Clinical, 2019, 23, 101818.	2.7	18
22	Auditory predictions shape the neural responses to stimulus repetition and sensory change. NeuroImage, 2019, 186, 200-210.	4.2	18
23	Longitudinal structural cerebral changes related to core CSF biomarkers in preclinical Alzheimer's disease: A study of two independent datasets. NeuroImage: Clinical, 2018, 19, 190-201.	2.7	16
24	Distinct Cognitive and Brain Morphological Features in Healthy Subjects Unaware of Informant-Reported Cognitive Decline. Journal of Alzheimer's Disease, 2018, 65, 181-191.	2.6	15
25	The protective gene dose effect of the APOEÎµ2 allele on gray matter volume in cognitively unimpaired individuals. Alzheimer's and Dementia, 2022, 18, 1383-1395.	0.8	13
26	Nonlinear interaction between <scp>APOE</scp>Îµ4 allele load and age in the hippocampal surface of cognitively intact individuals. Human Brain Mapping, 2021, 42, 47-64.	3.6	12
27	Brain alterations in the early Alzheimerâ€™s continuum with amyloid-Î², tau, glial and neurodegeneration CSF markers. Brain Communications, 2022, 4, .	3.3	12
28	Age, sex and APOE-Îµ4 modify the balance between soluble and fibrillar Î²-amyloid in non-demented individuals: topographical patterns across two independent cohorts. Molecular Psychiatry, 2022, 27, 2010-2018.	7.9	9
29	Voluntary exercise does not ameliorate context memory and hyperarousal in a mouse model for post-traumatic stress disorder (PTSD). World Journal of Biological Psychiatry, 2013, 14, 403-409.	2.6	8
30	APOE-Îµ4 Shapes the Cerebral Organization in Cognitively Intact Individuals as Reflected by Structural Gray Matter Networks. Cerebral Cortex, 2020, 30, 4110-4120.	2.9	7
31	Effect of BDNF Val66Met on hippocampal subfields volumes and compensatory interaction with APOE-Îµ4 in middle-age cognitively unimpaired individuals from the ALFA study. Brain Structure and Function, 2020, 225, 2331-2345.	2.3	5
32	Genotypic effects ofAPOE-Îµ4 on resting-state connectivity in cognitively intact individuals support functional brain compensation. Cerebral Cortex, 2023, 33, 2748-2760.	2.9	5
33	Impact of APOE â€Îµ4 on cerebral amyloid deposition in participants with abnormal soluble amyloid levels. Alzheimer's and Dementia, 2020, 16, e045828.	0.8	1
34	Higher levels of the astrocytic marker CSF YKL40 are associated with better memory performance only in amyloidâ€positive individuals with subjective cognitive decline. Alzheimer's and Dementia, 2021, 17, .	0.8	1
35	O3â€02â€01: APOEâ€Îµ4 ALLELIC LOAD MODULATES THE ASSOCIATION BETWEEN CSF BETAâ€AMYLOID AND GRAY MATTER VOLUME IN COGNITIVELY UNIMPAIRED INDIVIDUALS. Alzheimer's and Dementia, 2019, 15, P877.	0.8	0
36	Impact of the APOE gene on amyloid deposition in participants with abnormal soluble amyloid levels. Alzheimer's and Dementia, 2020, 16, e042955.	0.8	0

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37	Multiple biological pathways associate with cerebral amyloid load in the early Alzheimer's continuum. Alzheimer's and Dementia, 2020, 16, e044733.	0.8	0
38	Higher frontoâ€parietal metabolism parallels a greater impact of amyloid and anxiety on medial temporal areas in women versus men. Alzheimer's and Dementia, 2020, 16, e044780.	0.8	0
39	Multiple pathophysiological biomarkers are associated with gray matter volume and cerebral glucose metabolism in the early preclinical Alzheimer's continuum. Alzheimer's and Dementia, 2020, 16, e044808.	0.8	0
40	APOE â€Îµ4 shapes temporoâ€parietal network properties in middleâ€aged, cognitively unimpaired individuals: A graph theory analysis. Alzheimer's and Dementia, 2020, 16, e045092.	0.8	0
41	Incidence of subjective cognitive decline is associated with amyloidâ€Î² pathology, whereas stability relates to neurodegeneration. Alzheimer's and Dementia, 2020, 16, e045293.	0.8	0
42	NeAT: a Nonlinear Analysis Toolbox for Neuroimaging. Neuroinformatics, 2020, 18, 517-530.	2.8	0
43	Soundtrack of life: An fMRI study. Behavioural Brain Research, 2022, 418, 113634.	2.2	0
44	Brain structural alterations in cognitively unimpaired individuals with discordant amyloidâ€Î² PET and CSF AÎ²42 status: Findings using machine learning. Alzheimer's and Dementia, 2021, 17, .	0.8	0
45	Imaging neurodegeneration markers are associated with multiple pathophysiological mechanisms in the early stages of the Alzheimerâ€™s continuum. Alzheimer's and Dementia, 2021, 17, .	0.8	0
46	Synergistic effects of CSF AÎ²42 and pâ€Tau on functional restingâ€state connectivity in cognitively unimpaired individuals. Alzheimer's and Dementia, 2021, 17, .	0.8	0
47	Structural, metabolic and cognitive characteristics of cognitively unimpaired subjects with mismatching Î²â€amyloid biomarkers. Alzheimer's and Dementia, 2021, 17, .	0.8	0
48	Associations between iron deposition in the brain and grey matter volumes in cognitively unimpaired adults. Alzheimer's and Dementia, 2021, 17, .	0.8	0
49	Sex, caregiver status and amyloid positivity predict increased anxiety and depression during the COVIDâ€19â€'related confinement. Alzheimer's and Dementia, 2021, 17, .	0.8	0
50	Impaired default mode network along with increased functional connectivity of the medial temporal lobe as a function of CSF pâ€Tau/Ab42 ratio in cognitively unimpaired individuals. Alzheimer's and Dementia, 2021, 17, .	0.8	0