GrÃ©gory Operto

List of Publications by Year
in descending order

35 papers	485 citations	759233 12 h-index	752698 20 g-index
37 all docs	37 docs citations	37 times ranked	1164 citing authors

#	Article	IF	Citations
1	Genotypic effects of *APOE*-ε4 on resting-state connectivity in cognitively intact individuals support functional brain compensation. Cerebral Cortex, 2023, 33, 2748-2760.	2.9	5
2	Soundtrack of life: An fMRI study. Behavioural Brain Research, 2022, 418, 113634.	2.2	0
3	The protective gene dose effect of the *APOE* *ε2* allele on gray matter volume in cognitively unimpaired individuals. Alzheimer's and Dementia, 2022, 18, 1383-1395.	0.8	13
4	Brain alterations in the early Alzheimer's continuum with amyloid-β, tau, glial and neurodegeneration CSF markers. Brain Communications, 2022, 4, .	3.3	12
5	Regional associations of white matter hyperintensities and early cortical amyloid pathology. Brain Communications, 2022, 4, .	3.3	9
6	Nonlinear interaction between APOE**ε**4 allele load and age in the hippocampal surface of cognitively intact individuals. Human Brain Mapping, 2021, 42, 47-64.	3.6	12
7	DHA intake relates to better cerebrovascular and neurodegeneration neuroimaging phenotypes in middle-aged adults at increased genetic risk of Alzheimer disease. American Journal of Clinical Nutrition, 2021, 113, 1627-1635.	4.7	17
8	Management and Quality Control of Large Neuroimaging Datasets: Developments From the Barcelonaβeta Brain Research Center. Frontiers in Neuroscience, 2021, 15, 633438.	2.8	9
9	Genetic Influences on Hippocampal Subfields. Neurology: Genetics, 2021, 7, e591.	1.9	8
10	Cognitively unimpaired individuals with a low burden of Aβ pathology have a distinct CSF biomarker profile. Alzheimer's Research and Therapy, 2021, 13, 134.	6.2	8
11	Amyloid-β positive individuals with subjective cognitive decline present increased CSF neurofilament light levels that relate to lower hippocampal volume. Neurobiology of Aging, 2021, 104, 24-31.	3.1	13
12	CSF Synaptic Biomarkers in the Preclinical Stage of Alzheimer Disease and Their Association With MRI and PET. Neurology, 2021, 97, e2065-e2078.	1.1	40
13	Machine learning on combined neuroimaging and plasma biomarkers for triaging participants of secondary prevention trials in Alzheimer's disease. Alzheimer's and Dementia, 2021, 17, .	0.8	0
14	Associations between iron deposition in the brain and grey matter volumes in cognitively unimpaired adults. Alzheimer's and Dementia, 2021, 17, .	0.8	0
15	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
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	Association of years to parent's sporadic onset and risk factors with neural integrity and Alzheimer biomarkers. Neurology, 2020, 95, e2065-e2074.	1.1	3
18	Effect of BDNF Val66Met on hippocampal subfields volumes and compensatory interaction with APOE-ε4 in middle-age cognitively unimpaired individuals from the ALFA study. Brain Structure and Function, 2020, 225, 2331-2345.	2.3	5

#	Article	IF	Citations
19	Eating a Weekly Serving of Walnuts Relates to Beneficial Brain Imaging Phenotypes in a Cohort at Increased Risk of Alzheimer's Disease. Current Developments in Nutrition, 2020, 4, nzaa057_050.	0.3	2
20	NeAT: a Nonlinear Analysis Toolbox for Neuroimaging. Neuroinformatics, 2020, 18, 517-530.	2.8	0
21	The relation between APOE genotype and cerebral microbleeds in cognitively unimpaired middle- and old-aged individuals. Neurobiology of Aging, 2020, 95, 104-114.	3.1	15
22	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
23	Interactive effect of age and APOE-ε4 allele load on white matter myelin content in cognitively normal middle-aged subjects. NeuroImage: Clinical, 2019, 24, 101983.	2.7	30
24	O1â€06â€03: CHARACTERIZATION OF COGNITIVE PERFORMANCE, GRAY MATTER VOLUME AND WHITE MATTER MICROSTRUCTURE IN COGNITIVELY UNIMPAIRED ADULTS WITH INSOMNIA SYMPTOMS. Alzheimer's and Dementia, 2019, 15, .	0.8	1
25	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
26	White matter microstructure is altered in cognitively normal middle-aged APOE-ε4 homozygotes. Alzheimer's Research and Therapy, 2018, 10, 48.	6.2	43
27	Neuroimaging Methods for MRI Analysis in CSF Biomarkers Studies. Methods in Molecular Biology, 2018, 1750, 165-184.	0.9	0
28	Cognitive and imaging markers in non-demented subjects attending a memory clinic: study design and baseline findings of the MEMENTO cohort. Alzheimer's Research and Therapy, 2017, 9, 67.	6.2	45
29	CATI: A Large Distributed Infrastructure for the Neuroimaging of Cohorts. Neuroinformatics, 2016, 14, 253-264.	2.8	33
30	P3-140: Age differences in the association of white matter lesions with the occurrence of dementia: The memento cohort. , 2015, 11, P678-P679.		0
31	Structural analysis of fMRI data: A surface-based framework for multi-subject studies. Medical Image Analysis, 2012, 16, 976-990.	11.6	3
32	Cortical pattern of complex but not simple movements is affected in writer's cramp: A parametric event-related fMRI study. Clinical Neurophysiology, 2012, 123, 755-763.	1.5	16
33	Two new stable anatomical landmarks on the Central Sulcus: Definition, automatic detection, and their relationship with primary motor functions of the hand. , 2011, 2011, 7795-8.		16
34	Surface-Based Structural Group Analysis of fMRI Data. Lecture Notes in Computer Science, 2008, 11, 959-966.	1.3	5
35	Anatomically Informed Convolution Kernels for the Projection of fMRI Data on the Cortical Surface. Lecture Notes in Computer Science, 2006, 9, 300-307.	1.3	3