Frank A Provenzano

List of Publications by Year
in descending order

35 papers	2,167 citations	393982 19 h-index	395343 33 g-index
35 all docs	35 docs citations	35 times ranked	3893 citing authors

#	Article	IF	Citations
1	Molecular drivers and cortical spread of lateral entorhinal cortex dysfunction in preclinical Alzheimer's disease. Nature Neuroscience, 2014, 17, 304-311.	7.1	478
2	Enhancing dentate gyrus function with dietary flavanols improves cognition in older adults. Nature Neuroscience, 2014, 17, 1798-1803.	7.1	280
3	Regional White Matter Hyperintensity Volume, Not Hippocampal Atrophy, Predicts Incident Alzheimer Disease in the Community. Archives of Neurology, 2012, 69, 1621.	4.9	215
4	Reconsidering harbingers of dementia: progression of parietal lobe white matter hyperintensities predicts Alzheimer's disease incidence. Neurobiology of Aging, 2015, 36, 27-32.	1.5	201
5	White Matter Hyperintensities and Cerebral Amyloidosis. JAMA Neurology, 2013, 70, 455.	4.5	171
6	Testing the white matter retrogenesis hypothesis of cognitive aging. Neurobiology of Aging, 2012, 33, 1699-1715.	1.5	139
7	Quantitative approaches for assessment of white matter hyperintensities in elderly populations. Psychiatry Research - Neuroimaging, 2011, 193, 101-106.	0.9	72
8	Imaging Inflammation in a Patient with Epilepsy Due to Focal Cortical Dysplasia. Journal of Neuroimaging, 2013, 23, 129-131.	1.0	66
9	Hippocampal Pathology in Clinical High-Risk Patients and the Onset of Schizophrenia. Biological Psychiatry, 2020, 87, 234-242.	0.7	61
10	Education Modulates the Impact of White Matter Lesions on the Risk of Mild Cognitive Impairment and Dementia. American Journal of Geriatric Psychiatry, 2014, 22, 1336-1345.	0.6	55
11	Cortical overgrowth in a preclinical forebrain organoid model of CNTNAP2-associated autism spectrum disorder. Nature Communications, 2021, 12, 4087.	5.8	51
12	Estimating brain age based on a uniform healthy population with deep learning and structural magnetic resonance imaging. Neurobiology of Aging, 2020, 91, 15-25.	1.5	48
13	White Matter Predictors of Cognitive Functioning in Older Adults. Journal of the International Neuropsychological Society, 2012, 18, 414-427.	1.2	46
14	Spatial Distribution of Cerebral White Matter Lesions Predicts Progression to Mild Cognitive Impairment and Dementia. PLoS ONE, 2013, 8, e56972.	1.1	35
15	Topography of brain glucose hypometabolism and epileptic network in glucose transporter 1 deficiency. Epilepsy Research, 2015, 110, 206-215.	0.8	31
16	Insights into the role of diet and dietary flavanols in cognitive aging: results of a randomized controlled trial. Scientific Reports, 2021, 11, 3837.	1.6	30
17	Glutamate Dehydrogenaseâ€“Deficient Mice Display Schizophrenia-Like Behavioral Abnormalities and CA1-Specific Hippocampal Dysfunction. Schizophrenia Bulletin, 2019, 45, 127-137.	2.3	26
18	Brain regions vulnerable and resistant to aging without Alzheimerâ€™s disease. PLoS ONE, 2020, 15, e0234255.	1.1	26

#	Article	IF	Citations
19	White matter hyperintensity volume and impaired mobility among older adults. Journal of Neurology, 2013, 260, 884-890.	1.8	25
20	Disparities in Clinical Trial Access Across US Urban Areas. JAMA Network Open, 2020, 3, e200172.	2.8	25
21	Rasmussen Encephalitis: An Update. Seminars in Neurology, 2020, 40, 201-210.	0.5	23
22	A deep learning MRI approach outperforms other biomarkers of prodromal Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2022, 14, 45.	3.0	19
23	Depression Is Associated With Preserved Cortical Thickness Relative to Apathy in Frontotemporal Dementia. Journal of Geriatric Psychiatry and Neurology, 2022, 35, 78-88.	1.2	9
24	Amygdalar volume and violent ideation in a sample at clinical high-risk for psychosis. Psychiatry Research - Neuroimaging, 2019, 287, 60-62.	0.9	6
25	COGNITIVE AND NEURAL MECHANISMS OF THE ACCELERATED AGING PHENOTYPE IN PTSD. American Journal of Geriatric Psychiatry, 2019, 27, S203.	0.6	5
26	The role of stereo-electroencephalography to localize the epileptogenic zone in children with nonlesional brain magnetic resonance imaging. Epilepsy Research, 2022, 179, 106828.	0.8	5
27	Temporal lobe epilepsy lateralization using retrospective cerebral blood volume MRI. NeuroImage: Clinical, 2018, 19, 911-917.	1.4	4
28	Right parahippocampal volume deficit in an older population with posttraumatic stress disorder. Journal of Psychiatric Research, 2021, 137, 368-375.	1.5	4
29	Deep learning improves utility of tau PET in the study of Alzheimer's disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12264.	1.2	3
30	Hippocampal Glutamate and Positive Symptom Severity in Clinical High Risk for Psychosis. JAMA Psychiatry, 2022, 79, 178.	6.0	3
31	Convolutional neural networkâ€aided tuber segmentation in tuberous sclerosis complex patients correlates with electroencephalogram. Epilepsia, 2022, 63, 1530-1541.	2.6	3
32	An exploratory magnetic resonance imaging study of suicidal ideation in individuals at clinical high-risk for psychosis. Psychiatry Research - Neuroimaging, 2021, 312, 111287.	0.9	1
33	The neurobiology of auditory and visual perceptual abnormalities in a clinical high-risk for psychosis cohort: A pilot morphometric magnetic resonance imaging study. Journal of Psychiatric Research, 2021, 142, 240-242.	1.5	1
34	Understanding the metaboliteâ€“function relationship after cardiac arrest. Resuscitation, 2019, 134, 133-135.	1.3	0
35	Multimodal Magnetic Resonance Imaging as a Compass and Map for Finding Working Memory Relationships in Schizophrenia. Biological Psychiatry, 2020, 87, e7-e8.	0.7	0