

Xianghong Arakaki

List of Publications by Year in descending order

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43
papers

588
citations

759233

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1023
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Cerebrospinal Fluid Fatty Acid Levels Differ between Supernatant Fluid and Brain-Derived Nanoparticle Fractions, and Are Altered in Alzheimer's Disease. PLoS ONE, 2014, 9, e100519.	2.5	95
2	Executive Function Changes before Memory in Preclinical Alzheimer's Pathology: A Prospective, Cross-Sectional, Case Control Study. PLoS ONE, 2013, 8, e79378.	2.5	76
3	Measures of resting state EEG rhythms for clinical trials in Alzheimer's disease: Recommendations of an expert panel. Alzheimer's and Dementia, 2021, 17, 1528-1553.	0.8	64
4	Sphingolipid Metabolism Correlates with Cerebrospinal Fluid Beta Amyloid Levels in Alzheimer's Disease. PLoS ONE, 2015, 10, e0125597.	2.5	50
5	Severe Headache or Migraine History Is Inversely Correlated With Dietary Sodium Intake: NHANES 1999-2004. Headache, 2016, 56, 688-698.	3.9	38
6	Retinal nerve fiber layer thickness predicts CSF amyloid/tau before cognitive decline. PLoS ONE, 2020, 15, e0232785.	2.5	31
7	Extracellular sodium modulates the excitability of cultured hippocampal pyramidal cells. Brain Research, 2011, 1401, 85-94.	2.2	21
8	Alpha desynchronization during simple working memory unmasks pathological aging in cognitively healthy individuals. PLoS ONE, 2019, 14, e0208517.	2.5	20
9	Polyunsaturated Fatty Acid Composition of Cerebrospinal Fluid Fractions Shows Their Contribution to Cognitive Resilience of a Pre-symptomatic Alzheimer's Disease Cohort. Frontiers in Physiology, 2020, 11, 83.	2.8	20
10	Are there consistent abnormalities in event-related EEG oscillations in patients with Alzheimer's disease compared to other diseases belonging to dementia?. Psychophysiology, 2022, 59, e13934.	2.4	19
11	Na,K-ATPase alpha isoforms at the blood-cerebrospinal fluid-trigeminal nerve and blood-retina interfaces in the rat. Fluids and Barriers of the CNS, 2013, 10, 14.	5.0	18
12	Alpha desynchronization/synchronization during working memory testing is compromised in acute mild traumatic brain injury (mTBI). PLoS ONE, 2018, 13, e0188101.	2.5	16
13	Endogenous Na ⁺ , K ⁺ -ATPase inhibitors and CSF [Na ⁺] contribute to migraine formation. PLoS ONE, 2019, 14, e0218041.	2.5	13
14	Evidence that blood-CSF barrier transport, but not inflammatory biomarkers, change in migraine, while CSF sVCAM1 associates with migraine frequency and CSF fibrinogen. Headache, 2021, 61, 536-545.	3.9	13
15	Lipid Metabolism in Late-Onset Alzheimer's Disease Differs from Patients Presenting with Other Dementia Phenotypes. International Journal of Environmental Research and Public Health, 2019, 16, 1995.	2.6	11
16	Accumulation of Cerebrospinal Fluid Glycerophospholipids and Sphingolipids in Cognitively Healthy Participants With Alzheimer's Biomarkers Precedes Lipolysis in the Dementia Stage. Frontiers in Neuroscience, 2020, 14, 611393.	2.8	11
17	Brain activation profiles in mTBI: Evidence from combined resting-state EEG and MEG activity. , 2015, 2015, 6963-6.		10
18	Altered brainstem auditory evoked potentials in a rat central sensitization model are similar to those in migraine. Brain Research, 2014, 1563, 110-121.	2.2	9

#	ARTICLE	IF	CITATIONS
19	Compromised Behavior and Gamma Power During Working Memory in Cognitively Healthy Individuals With Abnormal CSF Amyloid/Tau. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 574214.	3.4	9
20	EEG measures for clinical research in major vascular cognitive impairment: recommendations by an expert panel. <i>Neurobiology of Aging</i> , 2021, 103, 78-97.	3.1	9
21	Alpha desynchronization during Stroop test unmasks cognitively healthy individuals with abnormal CSF Amyloid/Tau. <i>Neurobiology of Aging</i> , 2022, 112, 87-101.	3.1	8
22	Brain activation profiles in mTBI: Evidence from ERP activity of working memory response. , 2016, 2016, 1862-1865.		7
23	Plasma Lipolysis and Changes in Plasma and Cerebrospinal Fluid Signaling Lipids Reveal Abnormal Lipid Metabolism in Chronic Migraine. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 691733.	2.9	6
24	Task switching reveals abnormal brain-heart electrophysiological signatures in cognitively healthy individuals with abnormal CSF amyloid/tau, a pilot study. <i>International Journal of Psychophysiology</i> , 2021, 170, 102-111.	1.0	6
25	Severe Headache or Migraine History Is Inversely Correlated With Dietary Sodium Intake: NHANES 1999-2004: A Response. <i>Headache</i> , 2016, 56, 1216-1218.	3.9	4
26	Boston Naming Test Predicts Deterioration Of Cerebrospinal Fluid Biomarkers In Pre-symptomatic Alzheimer's Disease. <i>FASEB Journal</i> , 2018, 32, 545.1.	0.5	2
27	A study of alpha desynchronization, heart rate, and MRI during stroop testing unmasks pre-symptomatic Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e042793.	0.8	1
28	Correlation of Neural Oscillations during Stroop Testing with Hippocampal and Amygdala Volume differ between Cognitively Healthy Normal Aging and Pre-symptomatic Alzheimer's Disease. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	1
29	Plasma glutamate metabolism correlates with cognitive function and the brain-adipose axis in a presymptomatic Alzheimer's cohort. <i>Alzheimer's and Dementia</i> , 2020, 16, e038353.	0.8	0
30	Implicit response incompatibility slowed down asymptomatic individuals with Alzheimer's disease pathology. <i>Alzheimer's and Dementia</i> , 2020, 16, e044884.	0.8	0
31	Heart rate and blood pressure decreases after a motor task in pre-symptomatic AD. <i>Alzheimer's and Dementia</i> , 2020, 16, e045521.	0.8	0
32	Heart rate variability changes during task shifting testing in pre-symptomatic Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e046599.	0.8	0
33	Altered Permeability Of The Blood-CSF Barrier In Chronic Migraine. <i>FASEB Journal</i> , 2018, 32, 922.6-922.6.	0.5	0
34	Working memory testing reveals neuroplasticity acutely and longitudinally after mild traumatic brain injury (mTBI). <i>FASEB Journal</i> , 2018, 32, 878.5.	0.5	0
35	Quantitative EEG during memory testing indicates pre-symptomatic Alzheimer's disease and correlation with MRI. <i>FASEB Journal</i> , 2018, 32, 878.6.	0.5	0
36	Plasma metalloproteinase-9 (MMP9) changes in acute mild traumatic brain injury (mTBI) and correlates with quantitative EEG. <i>FASEB Journal</i> , 2018, 32, 526.38.	0.5	0

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37	Gamma Power during Working Memory in Pre-symptomatic Alzheimer's Disease Differs from Normal Healthy Aging. FASEB Journal, 2020, 34, 1-1.	0.5	0
38	Task switching challenge to reveal abnormal brain-heart signatures in cognitively healthy individuals with abnormal CSF amyloid/tau. Alzheimer's and Dementia, 2021, 17, .	0.8	0
39	Understanding early Alzheimer's disease pathology by combining neurochemicals with EEG. Alzheimer's and Dementia, 2021, 17, e057486.	0.8	0
40	Retinal nerve fiber layer thickness predicts CSF amyloid/tau before cognitive decline. , 2020, 15, e0232785.		0
41	Retinal nerve fiber layer thickness predicts CSF amyloid/tau before cognitive decline. , 2020, 15, e0232785.		0
42	Retinal nerve fiber layer thickness predicts CSF amyloid/tau before cognitive decline. , 2020, 15, e0232785.		0
43	Retinal nerve fiber layer thickness predicts CSF amyloid/tau before cognitive decline. , 2020, 15, e0232785.		0