

# Xianghong Arakaki

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

588  
citations

759233

12  
h-index

642732

23  
g-index

48  
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48  
docs citations

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times ranked

1023  
citing authors

#	ARTICLE	IF	CITATIONS
1	Are there consistent abnormalities in event-related EEG oscillations in patients with Alzheimer's disease compared to other diseases belonging to dementia?. <i>Psychophysiology</i> , 2022, 59, e13934.	2.4	19
2	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
3	Evidence that blood-CSF barrier transport, but not inflammatory biomarkers, change in migraine, while CSF sVCAM1 associates with migraine frequency and CSF fibrinogen. <i>Headache</i> , 2021, 61, 536-545.	3.9	13
4	Measures of resting state EEG rhythms for clinical trials in Alzheimer's disease: Recommendations of an expert panel. <i>Alzheimer's and Dementia</i> , 2021, 17, 1528-1553.	0.8	64
5	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
6	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
7	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
8	Task switching challenge to reveal abnormal brain-heart signatures in cognitively healthy individuals with abnormal CSF amyloid/tau. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
9	Understanding early Alzheimer's disease pathology by combining neurochemicals with EEG. <i>Alzheimer's and Dementia</i> , 2021, 17, e057486.	0.8	0
10	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
11	Plasma glutamate metabolism correlates with cognitive function and the brain-adipose axis in a presymptomatic Alzheimer's disease cohort. <i>Alzheimer's and Dementia</i> , 2020, 16, e038353.	0.8	0
12	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
13	Implicit response incompatibility slowed down asymptomatic individuals with Alzheimer's disease pathology. <i>Alzheimer's and Dementia</i> , 2020, 16, e044884.	0.8	0
14	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
15	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
16	Retinal nerve fiber layer thickness predicts CSF amyloid/tau before cognitive decline. <i>PLoS ONE</i> , 2020, 15, e0232785.	2.5	31
17	Polyunsaturated Fatty Acid Composition of Cerebrospinal Fluid Fractions Shows Their Contribution to Cognitive Resilience of a Pre-symptomatic Alzheimer's Disease Cohort. <i>Frontiers in Physiology</i> , 2020, 11, 83.	2.8	20
18	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

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19	Accumulation of Cerebrospinal Fluid Glycerophospholipids and Sphingolipids in Cognitively Healthy Participants With Alzheimer's Biomarkers Precedes Lipolysis in the Dementia Stage. <i>Frontiers in Neuroscience</i> , 2020, 14, 611393.	2.8	11
20	Gamma Power during Working Memory in Pre-symptomatic Alzheimer's Disease Differs from Normal Healthy Aging. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
21	Retinal nerve fiber layer thickness predicts CSF amyloid/tau before cognitive decline. , 2020, 15, e0232785.		0
22	Retinal nerve fiber layer thickness predicts CSF amyloid/tau before cognitive decline. , 2020, 15, e0232785.		0
23	Retinal nerve fiber layer thickness predicts CSF amyloid/tau before cognitive decline. , 2020, 15, e0232785.		0
24	Retinal nerve fiber layer thickness predicts CSF amyloid/tau before cognitive decline. , 2020, 15, e0232785.		0
25	Endogenous Na <sup>+</sup> , K <sup>+</sup> -ATPase inhibitors and CSF [Na <sup>+</sup> ] contribute to migraine formation. <i>PLoS ONE</i> , 2019, 14, e0218041.	2.5	13
26	Lipid Metabolism in Late-Onset Alzheimer's Disease Differs from Patients Presenting with Other Dementia Phenotypes. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1995.	2.6	11
27	Alpha desynchronization during simple working memory unmasks pathological aging in cognitively healthy individuals. <i>PLoS ONE</i> , 2019, 14, e0208517.	2.5	20
28	Alpha desynchronization/synchronization during working memory testing is compromised in acute mild traumatic brain injury (mTBI). <i>PLoS ONE</i> , 2018, 13, e0188101.	2.5	16
29	Altered Permeability Of The Blood-CSF Barrier In Chronic Migraine. <i>FASEB Journal</i> , 2018, 32, 922.6-922.6.	0.5	0
30	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
31	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
32	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
33	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
34	Brain activation profiles in mTBI: Evidence from ERP activity of working memory response. , 2016, 2016, 1862-1865.		7
35	Severe Headache or Migraine History Is Inversely Correlated With Dietary Sodium Intake: NHANES 1999-2004. <i>Headache</i> , 2016, 56, 688-698.	3.9	38
36	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

#	ARTICLE	IF	CITATIONS
37	Sphingolipid Metabolism Correlates with Cerebrospinal Fluid Beta Amyloid Levels in Alzheimer's Disease. PLoS ONE, 2015, 10, e0125597.	2.5	50
38	Brain activation profiles in mTBI: Evidence from combined resting-state EEG and MEG activity. , 2015, 2015, 6963-6.		10
39	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
40	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
41	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
42	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
43	Extracellular sodium modulates the excitability of cultured hippocampal pyramidal cells. Brain Research, 2011, 1401, 85-94.	2.2	21