

Wei-Ta Chen

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,652
citations

257450

24
h-index

302126

39
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67
all docs

67
docs citations

67
times ranked

2471
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors predicting response to the first epidural blood patch in spontaneous intracranial hypotension. <i>Brain</i> , 2017, 140, 344-352.	7.6	100
2	Sustained visual cortex hyperexcitability in migraine with persistent visual aura. <i>Brain</i> , 2011, 134, 2387-2395.	7.6	92
3	Reduced cerebellar gray matter is a neural signature of physical frailty. <i>Human Brain Mapping</i> , 2015, 36, 3666-3676.	3.6	90
4	Persistent Migrainous Visual Phenomena Might Be Responsive to Lamotrigine. <i>Headache</i> , 2001, 41, 823-825.	3.9	84
5	Persistent ictal-like visual cortical excitability in chronic migraine. <i>Pain</i> , 2011, 152, 254-258.	4.2	81
6	Cognitive Function in Individuals With Physical Frailty but Without Dementia or Cognitive Complaints: Results From the I-Lan Longitudinal Aging Study. <i>Journal of the American Medical Directors Association</i> , 2015, 16, 899.e9-899.e16.	2.5	79
7	Reduced functional connectivity between salience and visual networks in migraine with aura. <i>Cephalalgia</i> , 2016, 36, 53-66.	3.9	77
8	Altered Oscillation and Synchronization of Default-Mode Network Activity in Mild Alzheimer's Disease Compared to Mild Cognitive Impairment: An Electrophysiological Study. <i>PLoS ONE</i> , 2013, 8, e68792.	2.5	77
9	Increased Intrinsic Connectivity of the Default Mode Network in Temporal Lobe Epilepsy: Evidence from Resting-State MEG Recordings. <i>PLoS ONE</i> , 2015, 10, e0128787.	2.5	58
10	Strictly Lobar Cerebral Microbleeds Are Associated With Cognitive Impairment. <i>Stroke</i> , 2016, 47, 2497-2502.	2.0	55
11	Hippocampus and amygdala volume in relation to migraine frequency and prognosis. <i>Cephalalgia</i> , 2017, 37, 1329-1336.	3.9	50
12	Visual cortex excitability and plasticity associated with remission from chronic to episodic migraine. <i>Cephalalgia</i> , 2012, 32, 537-543.	3.9	48
13	Comparison of gray matter volume between migraine and "strict-criteria" tension-type headache. <i>Journal of Headache and Pain</i> , 2018, 19, 4.	6.0	47
14	Cerebral microbleeds are associated with physical frailty: a community-based study. <i>Neurobiology of Aging</i> , 2016, 44, 143-150.	3.1	46
15	Neural Plasticity in Common Forms of Chronic Headaches. <i>Neural Plasticity</i> , 2015, 2015, 1-14.	2.2	45
16	Migraine and the Hippocampus. <i>Current Pain and Headache Reports</i> , 2018, 22, 13.	2.9	42
17	Connectivity Features for Identifying Cognitive Impairment in Presymptomatic Carotid Stenosis. <i>PLoS ONE</i> , 2014, 9, e85441.	2.5	39
18	Altered insula "default mode network connectivity in fibromyalgia: a resting-state magnetoencephalographic study. <i>Journal of Headache and Pain</i> , 2017, 18, 89.	6.0	37

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19	Cortical morphological changes in chronic migraine in a Taiwanese cohort: Surface- and voxel-based analyses. <i>Cephalalgia</i> , 2020, 40, 575-585.	3.9	36
20	Culture Qualitatively but Not Quantitatively Influences Performance in the Boston Naming Test in a Chinese-Speaking Population. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2014, 4, 86-94.	1.3	32
21	Somatosensory gating is altered and associated with migraine chronification: A magnetoencephalographic study. <i>Cephalalgia</i> , 2018, 38, 744-753.	3.9	32
22	Neural correlates of somatosensory paired-pulse suppression: A MEG study using distributed source modeling and dynamic spectral power analysis. <i>NeuroImage</i> , 2013, 72, 133-142.	4.2	31
23	OnabotulinumtoxinA Improves Tactile and Mechanical Pain Perception in Painful Diabetic Polyneuropathy. <i>Clinical Journal of Pain</i> , 2013, 29, 305-310.	1.9	30
24	Cerebellar-limbic neurocircuit is the novel biosignature of physio-cognitive decline syndrome. <i>Aging</i> , 2020, 12, 25319-25336.	3.1	28
25	Altered source-based EEG coherence of resting-state sensorimotor network in early-stage Alzheimer's disease compared to mild cognitive impairment. <i>Neuroscience Letters</i> , 2014, 558, 47-52.	2.1	25
26	Impact of Socioeconomic Status on the Diagnosis of Primary Open-Angle Glaucoma and Primary Angle Closure Glaucoma: A Nationwide Population-Based Study in Taiwan. <i>PLoS ONE</i> , 2016, 11, e0149698.	2.5	25
27	Smoking and Cognitive Performance in the Community Elderly: A Longitudinal Study. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2003, 16, 18-22.	2.3	23
28	Comparison of somatosensory cortex excitability between migraine and "strict-criteria" tension-type headache: a magnetoencephalographic study. <i>Pain</i> , 2018, 159, 793-803.	4.2	23
29	Deep learning assisted detection of glaucomatous optic neuropathy and potential designs for a generalizable model. <i>PLoS ONE</i> , 2020, 15, e0233079.	2.5	22
30	Temporo-frontal functional connectivity during auditory change detection is altered in Alzheimer's disease. <i>Human Brain Mapping</i> , 2014, 35, 5565-5577.	3.6	21
31	The cerebellum is associated with 2-year prognosis in patients with high-frequency migraine. <i>Journal of Headache and Pain</i> , 2020, 21, 29.	6.0	21
32	Optimal Check Size and Reversal Rate to Elicit Pattern-reversal MEG Responses. <i>Canadian Journal of Neurological Sciences</i> , 2005, 32, 218-224.	0.5	13
33	Which Level of Care Is Preferred for End-Stage Dementia? Survey of Taiwanese Caregivers. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2002, 15, 16-19.	2.3	12
34	Location of Cerebral Microbleeds And Their Association with Carotid Intima-media Thickness: A Community-based Study. <i>Scientific Reports</i> , 2017, 7, 12058.	3.3	12
35	Aberrant Sensory Gating of the Primary Somatosensory Cortex Contributes to the Motor Circuit Dysfunction in Paroxysmal Kinesigenic Dyskinesia. <i>Frontiers in Neurology</i> , 2018, 9, 831.	2.4	11
36	Altered near-infrared spectroscopy response to breath-holding in patients with fibromyalgia. <i>Journal of Biophotonics</i> , 2019, 12, e201800142.	2.3	10

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37	Resting State Electrophysiological Cortical Activity: A Brain Signature Candidate for Patients with Migraine. <i>Current Pain and Headache Reports</i> , 2022, 26, 289-297.	2.9	9
38	Salivary cortisol is associated with cognitive changes in patients with fibromyalgia. <i>Scientific Reports</i> , 2021, 11, 1311.	3.3	8
39	Dynamic brainstem and somatosensory cortical excitability during migraine cycles. <i>Journal of Headache and Pain</i> , 2022, 23, 21.	6.0	8
40	Headache Frontiers: Using Magnetoencephalography to Investigate Pathophysiology of Chronic Migraine. <i>Current Pain and Headache Reports</i> , 2013, 17, 309.	2.9	7
41	Individual pain sensitivity is associated with resting-state cortical activities in healthy individuals but not in patients with migraine: a magnetoencephalography study. <i>Journal of Headache and Pain</i> , 2020, 21, 133.	6.0	7
42	Right anterior insula is associated with pain generalization in patients with fibromyalgia. <i>Pain</i> , 2022, 163, e572-e579.	4.2	7
43	Higher Ventricular Premature Complex Burden is Associated with Lower Systolic Blood Pressure Response. <i>Acta Cardiologica Sinica</i> , 2018, 34, 152-158.	0.2	6
44	Effect of cold provocation on vessel density in eyes with primary open angle glaucoma: An optical coherence tomography angiography study. <i>Scientific Reports</i> , 2019, 9, 9384.	3.3	5
45	Neuromagnetic Amygdala Response to Pain-Related Fear as a Brain Signature of Fibromyalgia. <i>Pain and Therapy</i> , 2020, 9, 765-781.	3.2	5
46	Somatosensory Gating Responses Are Associated with Prognosis in Patients with Migraine. <i>Brain Sciences</i> , 2021, 11, 166.	2.3	5
47	Brain Excitability in Tension-Type Headache: a Separate Entity from Migraine?. <i>Current Pain and Headache Reports</i> , 2020, 24, 82.	2.9	5
48	Electrophysiological basis for antiepileptic drugs in migraine prevention. <i>Progress in Brain Research</i> , 2020, 255, 69-97.	1.4	4
49	The Use of Neuroimaging for Predicting Sumatriptan Treatment Response in Patients With Migraine. <i>Frontiers in Neurology</i> , 2022, 13, 798695.	2.4	4
50	Mutation screening and association analysis of <i>NOTCH3</i> p.R544C in patients with migraine with or without aura. <i>Cephalalgia</i> , 2022, 42, 888-898.	3.9	4
51	Most bothersome symptoms in patients with migraine: A hospital-based study in Taiwan. <i>Headache</i> , 2022, 62, 596-603.	3.9	4
52	Altered Resting-State Cortical EEG Oscillations in Patients With Severe Asymptomatic Carotid Stenosis. <i>Clinical EEG and Neuroscience</i> , 2016, 47, 142-149.	1.7	3
53	The impact of anatomical remodeling of the left atrium and pulmonary vein on the recurrence of paroxysmal atrial fibrillation after catheter ablation. <i>International Journal of Cardiology</i> , 2014, 176, 1173-1175.	1.7	2
54	Association between stimulus-evoked somatosensory inhibition and movement-related sensorimotor oscillation: A magnetoencephalographic study. <i>Neuroscience Letters</i> , 2018, 664, 74-78.	2.1	2

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55	Determinants of post-mydratic intraocular pressure in phakic eyes with prevalent angle closure diseases. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 137-143.	1.9	2
56	Reply to letter to the editor: Insights into chronic migraine pathophysiology – what measures of gray matter reveal. <i>Cephalalgia</i> , 2020, 40, 1138-1139.	3.9	1
57	Letter to the Editor – Differentiation of atrioventricular nodal reentrant tachycardia and nodofascicular reentrant tachycardia. <i>Heart Rhythm</i> , 2020, 17, 2021.	0.7	0
58	Fixed preexcitation during decremental atrioventricular conduction. What is the mechanism?. <i>Journal of Electrocardiology</i> , 2020, 62, 129-131.	0.9	0