

Chon-Haw Tsai

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

1,578
citations

279701

23
h-index

360920

35
g-index

85
all docs

85
docs citations

85
times ranked

2754
citing authors

#	ARTICLE	IF	CITATIONS
1	An Eye-Tracking Assistive Device Improves the Quality of Life for ALS Patients and Reduces the Caregiversâ€™ Burden. <i>Journal of Motor Behavior</i> , 2014, 46, 233-238.	0.5	80
2	Fine particulate matter is a potential determinant of Alzheimer's disease: A systemic review and meta-analysis. <i>Environmental Research</i> , 2019, 177, 108638.	3.7	73
3	The Neurologic Manifestations of Coronavirus Disease 2019 Pandemic: A Systemic Review. <i>Frontiers in Neurology</i> , 2020, 11, 498.	1.1	72
4	Movement related cortical potentials of cued versus self-initiated movements: Double dissociated modulation by dorsal premotor cortex versus supplementary motor area rTMS. <i>Human Brain Mapping</i> , 2012, 33, 824-839.	1.9	69
5	Dopa-responsive parkinsonism phenotype of spinocerebellar ataxia type 2. <i>Movement Disorders</i> , 2002, 17, 1046-1051.	2.2	67
6	Evaluation of machine learning methods to stroke outcome prediction using a nationwide disease registry. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 190, 105381.	2.6	53
7	Interleukin-1 β Mediates Sleep Alteration in Rats With Rotenone-Induced Parkinsonism. <i>Sleep</i> , 2007, 30, 413-425.	0.6	51
8	Evaluation of the poly(ADP-ribose) polymerase-1 gene variants in Alzheimer's disease. <i>Journal of Clinical Laboratory Analysis</i> , 2010, 24, 182-186.	0.9	49
9	Kindling Stimuli Delivered at Different Times in the Sleep-Wake Cycle. <i>Sleep</i> , 2004, 27, 203-212.	0.6	45
10	Gamma-aminobutyric acid (GABA) receptor mediates suanzaorentang, a traditional Chinese herb remedy, -induced sleep alteration. <i>Journal of Biomedical Science</i> , 2007, 14, 285-297.	2.6	43
11	Polypharmacy increases the risk of Parkinson's disease in older people in Taiwan: A population-based study. <i>Psychogeriatrics</i> , 2011, 11, 150-156.	0.6	39
12	Bi-directional modulation of somatosensory mismatch negativity with transcranial direct current stimulation: an event related potential study. <i>Journal of Physiology</i> , 2014, 592, 745-757.	1.3	38
13	Inflammatory bowel diseases increase future ischemic stroke risk: A Taiwanese population-based retrospective cohort study. <i>European Journal of Internal Medicine</i> , 2014, 25, 561-565.	1.0	38
14	Effects of the traditional Chinese herb <i>Astragalus membranaceus</i> in patients with poststroke fatigue: A double-blind, randomized, controlled preliminary study. <i>Journal of Ethnopharmacology</i> , 2016, 194, 954-962.	2.0	38
15	Effectiveness of Theta-Burst Repetitive Transcranial Magnetic Stimulation for Treating Chronic Tinnitus. <i>Audiology and Neuro-Otology</i> , 2012, 17, 112-120.	0.6	37
16	Long-term exposure to air pollution and the incidence of Parkinson's disease: A nested case-control study. <i>PLoS ONE</i> , 2017, 12, e0182834.	1.1	37
17	Increased Risk of Depression in Patients with Parkinson Disease: A Nationwide Cohort Study. <i>American Journal of Geriatric Psychiatry</i> , 2015, 23, 934-940.	0.6	36
18	Unilateral Holmes tremor and focal dystonia after Gamma Knife surgery. <i>Journal of Neurosurgery</i> , 2006, 105, 235-237.	0.9	31

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19	Subclinical abnormalities in workers with continuous low-level toluene exposure. <i>Toxicology and Industrial Health</i> , 2011, 27, 691-699.	0.6	29
20	Activation of N-methyl-D-aspartate receptor glycine site temporally ameliorates neuropsychiatric symptoms of Parkinson's disease with dementia. <i>Psychiatry and Clinical Neurosciences</i> , 2014, 68, 692-700.	1.0	29
21	Relationship Between Zolpidem Use and Stroke Risk. <i>Journal of Clinical Psychiatry</i> , 2013, 74, e433-e438.	1.1	26
22	Nonapnea sleep disorders are associated with subsequent ischemic stroke risk: a nationwide, population-based, retrospective cohort study. <i>Sleep Medicine</i> , 2013, 14, 1341-1347.	0.8	25
23	Diminution of basal ganglia dopaminergic function may play an important role in the generation of akinetic mutism in a patient with anterior cerebral arterial infarct. <i>Clinical Neurology and Neurosurgery</i> , 2007, 109, 602-606.	0.6	24
24	Investigation of Motor Cortical Plasticity and Corticospinal Tract Diffusion Tensor Imaging in Patients with Parkinsons Disease and Essential Tremor. <i>PLoS ONE</i> , 2016, 11, e0162265.	1.1	24
25	Genetic Variation in N-Methyl-D-Aspartate Receptor Subunit NR3A but Not NR3B Influences Susceptibility to Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2009, 28, 521-527.	0.7	23
26	Benzodiazepine use and risk of stroke: A retrospective population-based cohort study. <i>Psychiatry and Clinical Neurosciences</i> , 2014, 68, 255-262.	1.0	23
27	Curcumin Promotes Connexin 43 Degradation and Temozolomide-Induced Apoptosis in Glioblastoma Cells. <i>The American Journal of Chinese Medicine</i> , 2019, 47, 657-674.	1.5	23
28	Theta-Burst Repetitive Transcranial Magnetic Stimulation for Treatment-Resistant Obsessive-Compulsive Disorder With Concomitant Depression. <i>Journal of Clinical Psychiatry</i> , 2010, 71, 504-506.	1.1	23
29	Resetting tremor by single and paired transcranial magnetic stimulation in Parkinson's disease and essential tremor. <i>Clinical Neurophysiology</i> , 2015, 126, 2330-2336.	0.7	20
30	Decreased Cerebral Blood Flow in Neuro-Behcet's Syndrome Patients With Neuropsychiatric Manifestations and Normal Magnetic Resonance Imaging: A Preliminary Report. <i>Journal of Neuroimaging</i> , 2002, 12, 355-359.	1.0	19
31	Event-Related Desynchronization/Synchronization in Spinocerebellar Ataxia Type 3. <i>Frontiers in Neurology</i> , 2019, 10, 822.	1.1	19
32	Risk of Parkinson's Disease Following Zolpidem Use. <i>Journal of Clinical Psychiatry</i> , 2015, 76, e104-e110.	1.1	19
33	Degraded Impairment of Emotion Recognition in Parkinson's Disease Extends from Negative to Positive Emotions. <i>Behavioural Neurology</i> , 2016, 2016, 1-8.	1.1	18
34	Reversible abnormal functional neuroimaging presentations in polycythemia vera with chorea. <i>Journal of Neurology</i> , 2011, 258, 2054-2057.	1.8	17
35	Antidepressant efficacy and immune effects of bilateral theta burst stimulation monotherapy in major depression: A randomized, double-blind, sham-controlled study. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 144-150.	2.0	17
36	An outbreak of foodborne botulism in Taiwan. <i>International Journal of Hygiene and Environmental Health</i> , 2009, 212, 82-86.	2.1	16

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37	Cobalt Protoporphyrin Upregulates Cyclooxygenase-2 Expression Through a Heme Oxygenase-Independent Mechanism. <i>Molecular Neurobiology</i> , 2016, 53, 4497-4508.	1.9	16
38	Impairments in face discrimination and emotion recognition are related to aging and cognitive dysfunctions in Parkinson's disease with dementia. <i>Scientific Reports</i> , 2020, 10, 4367.	1.6	16
39	Reversible paraneoplastic limbic encephalitis caused by a benign ovarian teratoma: report of a case and review of literatures. <i>Journal of Neuro-Oncology</i> , 2006, 80, 309-312.	1.4	15
40	Reversible stiff person syndrome presenting as an initial symptom in a patient with colon adenocarcinoma. <i>Acta Oncologica</i> , 2010, 49, 271-272.	0.8	15
41	TNF-NF- κ B signaling mediates excessive somnolence in hemiparkinsonian rats. <i>Behavioural Brain Research</i> , 2010, 208, 484-496.	1.2	14
42	Peripheral trauma and risk of dystonia: What are the evidences and potential co-risk factors from a population insurance database?. <i>PLoS ONE</i> , 2019, 14, e0216772.	1.1	13
43	Enhanced Na ⁺ /K ⁺ -ATPase cotransporter 1 underlies motor dysfunction in huntington's disease. <i>Movement Disorders</i> , 2019, 34, 845-857.	2.2	13
44	Nasal Rosai-Dorfman disease with intracranial involvement: a case report. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2003, 24, 183-186.	0.6	11
45	Movement-related cortical potentials in patients with Machado-Joseph disease. <i>Clinical Neurophysiology</i> , 2008, 119, 1010-1019.	0.7	11
46	Modulation of preparatory volitional motor cortical activity by paired associative transcranial magnetic stimulation. <i>Human Brain Mapping</i> , 2009, 30, 3645-3656.	1.9	11
47	Interlukin-18 Is a Pivot Regulatory Factor on Matrix Metalloproteinase-13 Expression and Brain Astrocytic Migration. <i>Molecular Neurobiology</i> , 2016, 53, 6218-6227.	1.9	11
48	The Bereitschaftspotential in essential tremor. <i>Clinical Neurophysiology</i> , 2010, 121, 622-630.	0.7	10
49	The role of the sub-thalamic nucleus in the preparation of volitional movement termination in Parkinson's disease. <i>Experimental Neurology</i> , 2012, 233, 253-263.	2.0	10
50	Comparison of activities of daily living impairments in Parkinson's disease patients as defined by the Pill Questionnaire and assessments by neurologists. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 969-973.	0.9	9
51	Polyglandular autoimmune syndrome type 4 with GAD antibody and dystonia. <i>Clinical Neurology and Neurosurgery</i> , 2012, 114, 1024-1026.	0.6	8
52	Identification of painless aortic dissection before thrombolytic treatment for acute ischemic stroke. <i>American Journal of Emergency Medicine</i> , 2013, 31, 762.e5-762.e6.	0.7	8
53	Bilateral subthalamic stimulation for advanced Parkinson disease: early experience at an Eastern center. <i>Neurological Sciences</i> , 2015, 36, 515-520.	0.9	7
54	Generation of novel induced pluripotent stem cell (iPSC) line from a 16-year-old sialidosis patient with NEU-1 gene mutation. <i>Stem Cell Research</i> , 2018, 28, 39-43.	0.3	7

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55	Safety and efficacy of levodopa-carbidopa intestinal gel: results from an open-label extension study in Japanese, Korean and Taiwanese patients with advanced Parkinson's disease. <i>Therapeutic Advances in Neurological Disorders</i> , 2018, 11, 175628641875931.	1.5	7
56	Pallidotomy effect on the cortical excitability in patients with severe Parkinson's disease. <i>Movement Disorders</i> , 2005, 20, 463-470.	2.2	6
57	Increased Risk of New-Onset Fibromyalgia Among Chronic Osteomyelitis Patients: Evidence From a Taiwan Cohort Study. <i>Journal of Pain</i> , 2017, 18, 222-227.	0.7	6
58	Variability of presynaptic nigrostriatal dopaminergic function and clinical heterogeneity in a dopa-responsive dystonia family with GCH-1 gene mutation. <i>Journal of Neurology</i> , 2018, 265, 478-485.	1.8	6
59	Paired Associative Electroacupuncture and Transcranial Magnetic Stimulation in Humans. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 49.	1.0	6
60	Cortical and Non-Cortical Myoclonus of Creutzfeldt-Jakob Disease. <i>European Neurology</i> , 2010, 64, 265-267.	0.6	5
61	Decreased level of serum autoantibody against LG72 is a biosignature of amyotrophic lateral sclerosis. <i>Biomarkers in Medicine</i> , 2016, 10, 73-79.	0.6	5
62	^{99m} Tc ECD and ^{99m} Tc TRODAT-1 SPECT in Hashimoto Encephalopathy. <i>Clinical Nuclear Medicine</i> , 2012, 37, e86-e88.	0.7	4
63	Functional neuroimages of cortical myoclonus altered by levetiracetam in a patient with sialidosis. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 324-325.	0.8	4
64	Cervical dystonia: Normal auditory mismatch negativity and abnormal somatosensory mismatch negativity. <i>Clinical Neurophysiology</i> , 2018, 129, 1947-1954.	0.7	4
65	Balo concentric sclerosis in a 23-year-old man. <i>Cmaj</i> , 2018, 190, E937-E937.	0.9	4
66	Acupuncture reduced the medical expenditure in migraine patients. <i>Medicine (United States)</i> , 2020, 99, e21345.	0.4	4
67	Is Fibromyalgia Risk Higher Among Male and Young Inflammatory Bowel Disease Patients? Evidence from a Taiwan Cohort of One Million. <i>Pain Physician</i> , 2018, 21, E257-E264.	0.3	4
68	Changes in Balance, Gait and Electroencephalography Oscillations after Robot-Assisted Gait Training: An Exploratory Study in People with Chronic Stroke. <i>Brain Sciences</i> , 2020, 10, 821.	1.1	3
69	Use of a Smartphone Application to Speed Up Interhospital Transfer of Acute Ischemic Stroke Patients for Thrombectomy. <i>Frontiers in Neurology</i> , 2021, 12, 606673.	1.1	3
70	Anatomical and Electrophysiological Manifestations in a Patient with Congenital Corpus Callosum Agenesis. <i>Brain Topography</i> , 2013, 26, 171-176.	0.8	2
71	A novel missense mutation of the GTP cyclohydrolase 1 gene in a Taiwanese family with dopa-responsive dystonia: A case report. <i>Clinical Neurology and Neurosurgery</i> , 2018, 165, 21-23.	0.6	2
72	Low-frequency oscillations in cortical level to help diagnose task-specific dystonia. <i>Neurobiology of Disease</i> , 2021, 157, 105444.	2.1	2

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73	Association of Higher Migraine Risk Among Female and Younger Chronic Osteomyelitis Patients: Evidence from a Taiwan Cohort of One Million. <i>Pain Physician</i> , 2018, 21, E149-E156.	0.3	2
74	Serotonin-Norepinephrine Reuptake Inhibitor (SNRI) treatment for Isaacs syndrome with depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 739-740.	2.5	1
75	PDD-5S: A useful screening tool for Parkinson's disease dementia. <i>Parkinsonism and Related Disorders</i> , 2016, 25, 85-90.	1.1	1
76	Convergent Associative Motor Cortical Plasticity Induced by Conditional Somatosensory and Motor Reaction Afferents. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 576171.	1.0	1
77	Association of Genetic Variants in Senataxin and Alzheimer's Disease in a Chinese Han Population in Taiwan. <i>Chinese Journal of Physiology</i> , 2014, 57, 83-89.	0.4	1
78	Abnormal movement-related cortical potential in patients with subcortical heterotopia. <i>Brain and Development</i> , 2006, 28, 560-565.	0.6	0
79	Nonlinear analysis of movement-related changes in human subthalamic local field potentials. , 2010, 2010, 4132-5.		0
80	Neurodegeneration with brain iron accumulation presenting motor trick and impaired motor cortical plasticity. <i>Clinical Neurology and Neurosurgery</i> , 2016, 141, 95-97.	0.6	0
81	Emotional sensitivity predicts internship performance of medical students enrolled under different admission screening protocols. <i>Medical Teacher</i> , 2020, 42, 1354-1361.	1.0	0
82	Bereitschaftspotential in Multiple System Atrophy. <i>Frontiers in Neurology</i> , 2021, 12, 608322.	1.1	0
83	Face processing in patients with Parkinson's disease and dementia: examined with morphing face discrimination, dynamic emotion recognition, and expression imitation tasks. <i>Journal of Vision</i> , 2019, 19, 22.	0.1	0