

# Ming-Chyi Pai

## List of Publications by Year in descending order

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Version: 2024-02-01

81  
papers

1,716  
citations

331670

21  
h-index

302126

39  
g-index

97  
all docs

97  
docs citations

97  
times ranked

2732  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topographical disorientation in community-residing patients with Alzheimer's disease. <i>International Journal of Geriatric Psychiatry</i> , 2004, 19, 250-255.	2.7	148
2	Rivastigmine: the advantages of dual inhibition of acetylcholinesterase and butyrylcholinesterase and its role in subcortical vascular dementia and Parkinson's disease dementia. <i>Clinical Interventions in Aging</i> , 2017, Volume 12, 697-707.	2.9	143
3	Is Cognitive Reserve Applicable to Epilepsy? The Effect of Educational Level on the Cognitive Decline After Onset of Epilepsy. <i>Epilepsia</i> , 2005, 46, 7-10.	5.1	129
4	Tackling challenges in care of Alzheimer's disease and other dementias amid the COVID-19 pandemic, now and in the future. <i>Alzheimer's and Dementia</i> , 2020, 16, 1571-1581.	0.8	122
5	Gait and Balance Analysis for Patients With Alzheimer's Disease Using an Inertial-Sensor-Based Wearable Instrument. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2014, 18, 1822-1830.	6.3	105
6	An acute bout of aerobic or strength exercise specifically modifies circulating exerkine levels and neurocognitive functions in elderly individuals with mild cognitive impairment. <i>NeuroImage: Clinical</i> , 2018, 17, 272-284.	2.7	92
7	Distinctive Effects of Aerobic and Resistance Exercise Modes on Neurocognitive and Biochemical Changes in Individuals with Mild Cognitive Impairment. <i>Current Alzheimer Research</i> , 2019, 16, 316-332.	1.4	82
8	Modulating the interference effect on spatial working memory by applying transcranial direct current stimulation over the right dorsolateral prefrontal cortex. <i>Brain and Cognition</i> , 2014, 91, 87-94.	1.8	81
9	Apolipoprotein C-III is an Amyloid- $\beta$ -Binding Protein and an Early Marker for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 855-865.	2.6	63
10	Cognitive map in patients with mild Alzheimer's disease: A computer-generated arena study. <i>Behavioural Brain Research</i> , 2009, 200, 42-47.	2.2	42
11	The occipital white matter lesions in Alzheimer's disease patients with visual hallucinations. <i>Clinical Imaging</i> , 2006, 30, 388-393.	1.5	34
12	Cognitive function and blood methylmercury in adults living near a deserted chloralkali factory. <i>Environmental Research</i> , 2008, 108, 334-339.	7.5	34
13	Measuring burden in dementia caregivers: Confirmatory factor analysis for short forms of the Zarit Burden Interview. <i>Archives of Gerontology and Geriatrics</i> , 2017, 68, 8-13.	3.0	34
14	Economic Impact of Dementia by Disease Severity: Exploring the Relationship between Stage of Dementia and Cost of Care in Taiwan. <i>PLoS ONE</i> , 2016, 11, e0148779.	2.5	33
15	Dissociation between recognition of familiar scenes and of faces in patients with very mild Alzheimer disease: An event-related potential study. <i>Clinical Neurophysiology</i> , 2010, 121, 1519-1525.	1.5	32
16	Montreal Cognitive Assessment and Mini-Mental State Examination performance in patients with mild-to-moderate dementia with Lewy bodies, Alzheimer's disease, and normal participants in Taiwan. <i>International Psychogeriatrics</i> , 2013, 25, 1839-1848.	1.0	31
17	Age-Dependent Relationship Between Plasma A $\beta$ <sup>40</sup> and A $\beta$ <sup>42</sup> and Total Tau Levels in Cognitively Normal Subjects. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 222.	3.4	29
18	Comparative cognitive effects of levetiracetam and topiramate in intractable epilepsy. <i>Psychiatry and Clinical Neurosciences</i> , 2008, 62, 548-553.	1.8	24

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19	Gait analysis for patients with Alzheimer's disease using a triaxial accelerometer. , 2012, , .		24
20	The Role of Methylated Circulating Nucleic Acids as a Potential Biomarker in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2019, 56, 2440-2449.	4.0	23
21	Exacerbation of psoriatic skin lesions in a patient with Alzheimer disease receiving gamma-secretase inhibitor. <i>Journal of the American Academy of Dermatology</i> , 2013, 68, e46-e48.	1.2	22
22	The Role of Physical Fitness in the Neurocognitive Performance of Task Switching in Older Persons with Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 143-159.	2.6	22
23	Sundown Syndrome, Sleep Quality, and Walking Among Community-Dwelling People With Alzheimer Disease. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 396-401.	2.5	21
24	Development of a Questionnaire on Everyday Navigational Ability to Assess Topographical Disorientation in Alzheimer's Disease. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2012, 27, 65-72.	1.9	20
25	The Incidence and Recurrence of Getting Lost in Community-Dwelling People with Alzheimer's Disease: A Two and a Half-Year Follow-Up. <i>PLoS ONE</i> , 2016, 11, e0155480.	2.5	20
26	Impaired translation of spatial representation in young onset Alzheimer's disease patients. <i>Current Alzheimer Research</i> , 2013, 10, 95-103.	1.4	19
27	Impaired Translation of Spatial Representation in Young Onset Alzheimer's Disease Patients. <i>Current Alzheimer Research</i> , 2013, 10, 95-103.	1.4	18
28	Predictors of caregiver burden and care costs for older persons with dementia in Taiwan. <i>International Psychogeriatrics</i> , 2019, 31, 885-894.	1.0	16
29	Circulating levels of Irisin in obese individuals at genetic risk for Alzheimer's disease: Correlations with amyloid- $\beta$ , metabolic, and neurocognitive indices. <i>Behavioural Brain Research</i> , 2021, 400, 113013.	2.2	15
30	Transient Amnesia in a Patient With Left Temporal Tumor. <i>Neurologist</i> , 2008, 14, 196-200.	0.7	14
31	Recognition of Personally Familiar Scenes in Patients with Very Mild Alzheimer's Disease: Effects of Spatial Frequency and Luminance. <i>Journal of Alzheimer's Disease</i> , 2012, 29, 441-448.	2.6	14
32	Delusions and Underlying Needs in Older Adults With Alzheimer's Disease: Influence of Earlier Life Experiences and the Current Environment. <i>Journal of Gerontological Nursing</i> , 2014, 40, 38-47.	0.6	14
33	Cross-cultural study of caregiver burden for Alzheimer's disease in Japan and Taiwan: result from Dementia Research in Kumamoto and Tainan (DeReKaT). <i>International Psychogeriatrics</i> , 2016, 28, 1125-1132.	1.0	14
34	Visual hallucinations in Alzheimer's disease is significantly associated with clinical diagnostic features of dementia with Lewy bodies. <i>PLoS ONE</i> , 2017, 12, e0186886.	2.5	12
35	The Role of Physical Fitness in Cognitive-Related Biomarkers in Persons at Genetic Risk of Familial Alzheimer's Disease. <i>Journal of Clinical Medicine</i> , 2019, 8, 1639.	2.4	10
36	Clinical Recommendations for the Use of Donepezil 23 mg in Moderate-to-Severe Alzheimer's Disease in the Asia-Pacific Region. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2017, 6, 382-395.	1.3	9

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37	Development and validation of a dementia screening tool for primary care in Taiwan: Brain Health Test. PLoS ONE, 2018, 13, e0196214.	2.5	9
38	Effects of walking on sundown syndrome in community-dwelling people with Alzheimer's disease. International Journal of Older People Nursing, 2020, 15, e12292.	1.3	8
39	The Feasibility of Differentiating Lewy Body Dementia and Alzheimer's Disease by Deep Learning Using ECD SPECT Images. Diagnostics, 2021, 11, 2091.	2.6	8
40	Real-world evaluation of compliance and preference in Alzheimer's disease treatment. Clinical Interventions in Aging, 2015, 10, 1779.	2.9	7
41	An inertial sensor based balance and gait analysis system. , 2015, , .		7
42	Real-world evaluation of compliance and preference in Alzheimer's disease treatment: an observational study in Taiwan. Patient Preference and Adherence, 2016, 10, 383.	1.8	7
43	Freezing of Speech Single Questionnaire as a Screening Tool for Cognitive Dysfunction in Patients With Dementia With Lewy Bodies. Frontiers in Aging Neuroscience, 2020, 12, 65.	3.4	7
44	Inertial-Sensor-Based Balance Analysis System for Patients with Alzheimer's Disease. , 2013, , .		6
45	A cross-sectional examination of a family history of Alzheimer's disease and ApoE epsilon 4 on physical fitness, molecular biomarkers, and neurocognitive performance. Physiology and Behavior, 2021, 230, 113268.	2.1	6
46	Delusions and Visual Hallucinations in Dementia Patients: Focus on Personal History of the Patients. Tohoku Journal of Experimental Medicine, 2008, 216, 1-5.	1.2	5
47	Clinical measurement and verification of elderly LOHAS index in an elder suited TV-based home living space. Journal of Ambient Intelligence and Humanized Computing, 2012, 3, 73-81.	4.9	5
48	Impaired Translation of Spatial Representation in Young Onset Alzheimer's Disease Patients. Current Alzheimer Research, 2013, 10, 95-103.	1.4	5
49	Alzheimer's disease classification based on gait information. , 2014, , .		5
50	The investigation and comparison of the underlying needs of common disruptive behaviours in patients with Alzheimer's disease. Scandinavian Journal of Caring Sciences, 2015, 29, 769-775.	2.1	5
51	Classification of Alzheimer's Disease, Mild Cognitive Impairment, and Cognitively Normal Based on Neuropsychological Data via Supervised Learning. , 2019, , .		5
52	Have I Been Here? Sense of Location in People With Alzheimer's Disease. Frontiers in Aging Neuroscience, 2020, 12, 582525.	3.4	5
53	Neuroimage Biomarker Identification of the Conversion of Mild Cognitive Impairment to Alzheimer's Disease. Frontiers in Neuroscience, 2021, 15, 584641.	2.8	5
54	Detection of Alzheimer's disease using ECD SPECT images by transfer learning from FDG PET. Annals of Nuclear Medicine, 2021, 35, 889-899.	2.2	5

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55	Evidence of plasma biomarkers indicating high risk of dementia in cognitively normal subjects. <i>Scientific Reports</i> , 2022, 12, 1192.	3.3	5
56	Assessment of High Risk for Alzheimer's Disease Using Plasma Biomarkers in Subjects with Normal Cognition in Taiwan: A Preliminary Study. <i>Journal of Alzheimer's Disease Reports</i> , 2021, 5, 761-770.	2.2	4
57	Validation of the Route Map Recall Test for Getting Lost Behavior in Alzheimer's Disease Patients. <i>Archives of Clinical Neuropsychology</i> , 2012, 27, 781-789.	0.5	3
58	Use of cognitive enhancers and associated medical care costs among patients with dementia: a nationwide study in Taiwan. <i>International Psychogeriatrics</i> , 2014, 26, 795-804.	1.0	3
59	An HMM-based gait comparison: Using Alzheimer's disease patients as examples. , 2015, , .		3
60	Predictive Models for Evaluating Cognitive Ability in Dementia Diagnosis Applications Based on Inertia- and Gait-Related Parameters. <i>IEEE Sensors Journal</i> , 2018, 18, 3338-3350.	4.7	3
61	Factors Influencing Family Surrogates' Intention with Regard to Do-Not-Resuscitate Directive for Patients with Dementia. <i>Clinical Gerontologist</i> , 2019, 42, 495-503.	2.2	3
62	Topographical disorientation in a patient with late-onset blindness with multiple acute ischemic brain lesions. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 283-285.	1.5	2
63	Ageing and Neurodegenerative Disorders. <i>Behavioural Neurology</i> , 2015, 2015, 1-2.	2.1	2
64	Two Gloves and One Sock Syndrome After a Pontine Hemorrhage. <i>Neurologist</i> , 2012, 18, 196-198.	0.7	1
65	P2356: Sense of Location in People with Alzheimer's Disease. <i>Alzheimer's and Dementia</i> , 2016, 12, P781.	0.8	1
66	Posterior cortical atrophy syndrome: Asian study. <i>Alzheimer's and Dementia</i> , 2020, 16, e044452.	0.8	1
67	The application of a neuropsychological measure of executive working memory in older adults with memory impairment. <i>Applied Neuropsychology Adult</i> , 2021, , 1-10.	1.2	1
68	Time Perception in Prodromal Alzheimer's Dementia and in Prodromal Dementia With Lewy Bodies. <i>Frontiers in Psychiatry</i> , 2021, 12, 728344.	2.6	1
69	The neuropsychological studies of dementias in Taiwan: focus on way-finding problems in Alzheimer's patients. <i>Acta Neurologica Taiwanica</i> , 2006, 15, 58-60.	0.3	1
70	Grouping a few sets of normally distributed voxels of SPECT volumes in discrimination between Alzheimer dementia and controls. , 2010, 2010, 6126-9.		0
71	P2-277: CAREGIVER PREFERENCE AND TREATMENT OUTCOMES IN PATIENTS WITH MILD-TO-MODERATE ALZHEIMER'S DISEASE TREATED WITH ORAL OR TRANSDERMAL MONOTHERAPY: ANALYSIS OF PROSPECTIVE DATA FROM THE RECAP STUDY. , 2014, 10, P578-P578.		0
72	P1-190: USING SELF-COMPARISON FOR ALZHEIMER'S DISEASE EVALUATION. , 2014, 10, P369-P369.		0

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73	P2-326: CENTRAL AUDITORY FUNCTION IN PATIENTS WITH MILD ALZHEIMER DISEASE. , 2014, 10, P598-P598.		0
74	P2-154: Effects of Aerobic&Strength Training on Selected Molecular Targets in Cerebrospinal Fluid of Seniors with Mild Cognitive Impairment. Alzheimer's and Dementia, 2016, 12, P673.	0.8	0
75	[P2-297]: THE CORRELATION OF SENSE OF LOCATION AND REAL&WORLD NAVIGATION ABILITIES: A PRELIMINARY REPORT. Alzheimer's and Dementia, 2017, 13, P730.	0.8	0
76	[P2-021]: EFFECTS OF ENDURANCE&STRENGTH TRAINING ON MOTOR FUNCTIONS, COGNITION AND GLUCOSE METABOLISM IN PATIENTS WITH PARKINSON'S DISEASE. Alzheimer's and Dementia, 2017, 13, P612.	0.8	0
77	P2-264: HAVE I BEEN HERE? SENSE OF LOCATION IN PEOPLE WITH VERY MILD ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P777.	0.8	0
78	Alzheimer's Patient Activity Assessment Using Different Sensors. , 2012, , .		0
79	Can a Cognitive&Perceptual&Physical Battery Predict Driving Competence for People With Mild Cognitive Impairments? A Pilot Study. American Journal of Occupational Therapy, 2017, 71, 7111500020p1-7111500020p1.	0.3	0
80	The impacts in caregiver burden of getting lost events on family caregivers of patients with Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, .	0.8	0
81	Time perception in people living with Alzheimer's disease. Alzheimer's and Dementia, 2021, 17, .	0.8	0