

# Yi-Chun Chen

## List of Publications by Year in descending order

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74  
papers

1,330  
citations

430442

18  
h-index

414034

32  
g-index

79  
all docs

79  
docs citations

79  
times ranked

2151  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma inflammatory biomarkers for Huntington's disease patients and mouse model. <i>Brain, Behavior, and Immunity</i> , 2015, 44, 121-127.	2.0	117
2	Genome-wide association study of Parkinson's disease in East Asians. <i>Human Molecular Genetics</i> , 2017, 26, ddw379.	1.4	94
3	Differences between the sexes in motorcycle-related injuries and fatalities at a Taiwanese level I trauma center. <i>Biomedical Journal</i> , 2017, 40, 113-120.	1.4	83
4	Motorcycle-related hospitalizations of the elderly. <i>Biomedical Journal</i> , 2017, 40, 121-128.	1.4	81
5	Increasing trend of fluconazole-non-susceptible <i>Cryptococcus neoformans</i> in patients with invasive cryptococcosis: a 12-year longitudinal study. <i>BMC Infectious Diseases</i> , 2015, 15, 277.	1.3	56
6	Diagnostic accuracy of the Clinical Dementia Rating Scale for detecting mild cognitive impairment and dementia: A bivariate meta-analysis. <i>International Journal of Geriatric Psychiatry</i> , 2021, 36, 239-251.	1.3	49
7	The Impact of Biofilm Formation on the Persistence of Candidemia. <i>Frontiers in Microbiology</i> , 2018, 9, 1196.	1.5	43
8	Oxidative markers in spontaneous intracerebral hemorrhage: leukocyte 8-hydroxy-2'-deoxyguanosine as an independent predictor of the 30-day outcome. <i>Journal of Neurosurgery</i> , 2011, 115, 1184-1190.	0.9	40
9	Prediction of Mortality in Patients with Isolated Traumatic Subarachnoid Hemorrhage Using a Decision Tree Classifier: A Retrospective Analysis Based on a Trauma Registry System. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1420.	1.2	37
10	Development of a Simple Clinical Risk Score for Early Prediction of Severe Dengue in Adult Patients. <i>PLoS ONE</i> , 2016, 11, e0154772.	1.1	36
11	Aqueous extract of <i>Gardenia jasminoides</i> targeting oxidative stress to reduce polyQ aggregation in cell models of spinocerebellar ataxia 3. <i>Neuropharmacology</i> , 2014, 81, 166-175.	2.0	34
12	Aqueous extract of <i>Glycyrrhiza inflata</i> inhibits aggregation by upregulating PPAR $\gamma$ 1 and NFE2L2/ARE pathways in cell models of spinocerebellar ataxia 3. <i>Free Radical Biology and Medicine</i> , 2014, 71, 339-350.	1.3	33
13	Association of TNF- $\alpha$ gene with spontaneous deep intracerebral hemorrhage in the Taiwan population: a case control study. <i>BMC Neurology</i> , 2010, 10, 41.	0.8	29
14	Pulmonary nocardiosis in southern Taiwan. <i>Journal of Microbiology, Immunology and Infection</i> , 2013, 46, 441-447.	1.5	27
15	Stress-Induced Hyperglycemia, but Not Diabetic Hyperglycemia, Is Associated with Higher Mortality in Patients with Isolated Moderate and Severe Traumatic Brain Injury: Analysis of a Propensity Score-Matched Population. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1340.	1.2	27
16	Effect of Age on Glasgow Coma Scale in Patients with Moderate and Severe Traumatic Brain Injury: An Approach with Propensity Score-Matched Population. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1378.	1.2	26
17	Neutralization of Lipocalin-2 Diminishes Stroke-Reperfusion Injury. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6253.	1.8	25
18	Basal Ganglia-Thalamic Hemorrhage in Young Adults: A Hospital-Based Study. <i>Cerebrovascular Diseases</i> , 2006, 22, 33-39.	0.8	22

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19	Association of MMP-9 Haplotypes and TIMP-1 Polymorphism with Spontaneous Deep Intracerebral Hemorrhage in the Taiwan Population. <i>PLoS ONE</i> , 2015, 10, e0125397.	1.1	22
20	Azole resistance in <i>Aspergillus</i> species in Southern Taiwan: An epidemiological surveillance study. <i>Mycoses</i> , 2019, 62, 1174-1181.	1.8	20
21	The HMGâ€CoA Reductase Gene and Lipid and Lipoprotein Levels: the Multiâ€Ethnic Study of Atherosclerosis. <i>Lipids</i> , 2009, 44, 733-743.	0.7	18
22	The potential of synthetic indolylquinoline derivatives for A $\beta$ aggregation reduction by chemical chaperone activity. <i>Neuropharmacology</i> , 2016, 101, 309-319.	2.0	18
23	DLG2, but not TMEM229B, GPNMB, and ITGA8 polymorphism, is associated with Parkinson's disease in a Taiwanese population. <i>Neurobiology of Aging</i> , 2018, 64, 158.e1-158.e6.	1.5	18
24	Genetic Polymorphisms Associated with Spontaneous Intracerebral Hemorrhage. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3879.	1.8	18
25	STK39, But Not BST1, HLA-DQB1, and SPPL2B Polymorphism, Is Associated With Han-Chinese Parkinson's Disease in Taiwan. <i>Medicine (United States)</i> , 2015, 94, e1690.	0.4	17
26	Identification of Pancreatic Injury in Patients with Elevated Amylase or Lipase Level Using a Decision Tree Classifier: A Cross-Sectional Retrospective Analysis in a Level I Trauma Center. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 277.	1.2	17
27	Association of GCH1 and MIR4697, but not SIPA1L2 and VPS13C polymorphisms, with Parkinson's disease in Taiwan. <i>Neurobiology of Aging</i> , 2016, 39, 221.e1-221.e5.	1.5	15
28	Spontaneous Common Carotid Artery Dissection: A Case Report and Review of the Literature. <i>European Neurology</i> , 2003, 50, 58-60.	0.6	14
29	Prognostic Factors in Adult Patients with Dengue: Developing Risk Scoring Models and Emphasizing Factors Associated with Death â‰7 Days after Illness Onset and â‰3 Days after Presentation. <i>Journal of Clinical Medicine</i> , 2018, 7, 396.	1.0	13
30	Mortality Rate Associated with Admission Hyperglycemia in Traumatic Femoral Fracture Patients Is Greater Than Non-Diabetic Normoglycemic Patients but Not Diabetic Normoglycemic Patients. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 28.	1.2	13
31	LRRTM4 and PCSK5 Genetic Polymorphisms as Markers for Cognitive Impairment in A Hypotensive Aging Population: A Genome-Wide Association Study in Taiwan. <i>Journal of Clinical Medicine</i> , 2019, 8, 1124.	1.0	13
32	Indole Compound NC009-1 Augments APOE and TRKA in Alzheimerâ€™s Disease Cell and Mouse Models for Neuroprotection and Cognitive Improvement. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 737-756.	1.2	13
33	Absent Middle Cerebral Artery Signal in Transcranial Color-Coded Sonography: A Reliable Indicator of Occlusion?. <i>Cerebrovascular Diseases</i> , 2005, 20, 251-257.	0.8	12
34	Pueraria lobata and Daidzein Reduce Cytotoxicity by Enhancing Ubiquitin-Proteasome System Function in SCA3-iPSC-Derived Neurons. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-18.	1.9	12
35	Intracranial hypertension as an initial manifestation of spinal neuroectodermal tumor. <i>Clinical Neurology and Neurosurgery</i> , 2005, 107, 408-411.	0.6	11
36	Serum Level and Activity of Butylcholinesterase: A Biomarker for Post-Stroke Dementia. <i>Journal of Clinical Medicine</i> , 2019, 8, 1778.	1.0	11

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37	Clinicopathological Manifestations and Immune Phenotypes in Adult-Onset Immunodeficiency with Anti-interferon- $\beta$ Autoantibodies. <i>Journal of Clinical Immunology</i> , 2022, 42, 672-683.	2.0	11
38	Analyses of interaction effect between apolipoprotein E polymorphism and alcohol use as well as cholesterol concentrations on spontaneous deep intracerebral hemorrhage in the Taiwan population. <i>Clinica Chimica Acta</i> , 2009, 408, 128-132.	0.5	10
39	A Post-hoc Study of D-Amino Acid Oxidase in Blood as an Indicator of Post-stroke Dementia. <i>Frontiers in Neurology</i> , 2019, 10, 402.	1.1	10
40	Antifungal susceptibility of <i>Candida</i> species isolated from patients with candidemia in southern Taiwan, 2007–2012: impact of new antifungal breakpoints. <i>Mycoses</i> , 2017, 60, 89-95.	1.8	9
41	Increased Water Diffusion in the Parcellated Cortical Regions from the Patients with Amnesic Mild Cognitive Impairment and Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 325.	1.7	9
42	Association of alcohol dehydrogenase and aldehyde dehydrogenase Polymorphism with Spontaneous Deep Intracerebral Haemorrhage in the Taiwan population. <i>Scientific Reports</i> , 2020, 10, 3641.	1.6	9
43	Clinical Characteristics and Predictors of Mortality in Critically Ill Influenza Adult Patients. <i>Journal of Clinical Medicine</i> , 2020, 9, 1073.	1.0	9
44	Carotid intima-media thickness (cIMT) cosegregates with blood pressure and renal function in hypertensive Hispanic families. <i>Atherosclerosis</i> , 2008, 198, 160-165.	0.4	8
45	Exploring the Spectrum of Subcortical Hyperintensities and Cognitive Decline. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2018, 30, 130-138.	0.9	8
46	Characteristics and predictors for gastrointestinal hemorrhage among adult patients with dengue virus infection: Emphasizing the impact of existing comorbid disease(s). <i>PLoS ONE</i> , 2018, 13, e0192919.	1.1	8
47	Polymorphisms of <i>ACMSD</i> , <i>TMEM163</i> , <i>MCCC1</i> , and <i>BCKDK</i> - <i>STX1B</i> Are Not Associated with Parkinson's Disease in Taiwan. <i>Parkinson's Disease</i> , 2019, 2019, 1-6.	0.6	8
48	Genetic Variants behind Cardiovascular Diseases and Dementia. <i>Genes</i> , 2020, 11, 1514.	1.0	8
49	Association of Osteoporosis Self-Assessment Tool for Asians (OSTA) Score with Clinical Presentation and Expenditure in Hospitalized Trauma Patients with Femoral Fractures. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 995.	1.2	7
50	Association of genetic variants within HLA-DR region with Parkinson's disease in Taiwan. <i>Neurobiology of Aging</i> , 2020, 87, 140.e13-140.e18.	1.5	7
51	Detection of mitochondrial DNA with 4977 bp deletion in leukocytes of patients with ischemic stroke. <i>PLoS ONE</i> , 2018, 13, e0193175.	1.1	7
52	Association Study of Alcohol Dehydrogenase and Aldehyde Dehydrogenase Polymorphism With Alzheimer Disease in the Taiwanese Population. <i>Frontiers in Neuroscience</i> , 2021, 15, 625885.	1.4	6
53	Increased Mortality in Seasonal H3N2 Patients Compared with those with Pandemic 2009 H1N1 in Taiwan, 2009–2010. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 1945-1951.	0.6	6
54	Epidemiological and Clinical Characteristics, Antifungal Susceptibility, and MLST-Based Genetic Analysis of <i>Cryptococcus</i> Isolates in Southern Taiwan in 2013–2020. <i>Journal of Fungi (Basel)</i> , 2021, 7, 1000.	0.0	0

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55	Oral Bacteria and Their Antibiotic Susceptibilities in Taiwanese Venomous Snakes. <i>Microorganisms</i> , 2022, 10, 951.	1.6	6
56	Association between CSF1 and CSF1R Polymorphisms and Parkinson's Disease in Taiwan. <i>Journal of Clinical Medicine</i> , 2019, 8, 1529.	1.0	5
57	Protein kinase C $\delta$ polymorphism and the susceptibilities to intracerebral hemorrhage in the Taiwan population. <i>Neuroscience Letters</i> , 2012, 528, 170-173.	1.0	4
58	Epidemiology of Bone Fracture in Female Trauma Patients Based on Risks of Osteoporosis Assessed using the Osteoporosis Self-Assessment Tool for Asians Score. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1380.	1.2	4
59	Association of RIT2 and RAB7L1 with Parkinson's disease: a case-control study in a Taiwanese cohort and a meta-analysis in Asian populations. <i>Neurobiology of Aging</i> , 2020, 87, 140.e5-140.e11.	1.5	4
60	Association of SOD2 p.V16A polymorphism with Parkinson's disease: A meta-analysis in Han Chinese. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 501-507.	0.8	4
61	Mutations of proline-rich transmembrane protein and paroxysmal kinesigenic dyskinesia in Taiwan. <i>Movement Disorders</i> , 2013, 28, 1459-1460.	2.2	3
62	Memory Complaint Is a Surrogate for Memory Decline in the Middle-Aged: A Register-Based Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 1900.	1.0	3
63	SARS-CoV-2 Antibody Response After ChAdOx1 nCoV-19 Vaccination in Persons With Previous SARS-CoV-1 Infection. <i>JAMA Internal Medicine</i> , 2022, 182, 347.	2.6	3
64	Community-acquired Legionella pneumophila pneumonia presenting with spontaneous pneumothorax. <i>Kaohsiung Journal of Medical Sciences</i> , 2017, 33, 530-532.	0.8	2
65	Impaired production of immune mediators in dengue virus type 2-infected mononuclear cells of adults with end stage renal disease. <i>Scientific Reports</i> , 2019, 9, 19783.	1.6	2
66	Awake Craniotomy for a Left Pan-Hippocampal Diffuse Low-Grade Glioma in a Deaf and Mute Patient Using Sign Language. <i>World Neurosurgery</i> , 2020, 134, 629-634.e1.	0.7	2
67	Effect of antifungal agents, lysozyme and human antimicrobial peptide LL-37 on clinical Candida isolates with high biofilm production. <i>Journal of Medical Microbiology</i> , 2021, 70, .	0.7	2
68	Associations of Oxidative Phosphorylation-Related Genes With Deep Intracerebral Hemorrhage in Taiwan. <i>Journal of Experimental Neuroscience</i> , 2018, 12, 117906951879451.	2.3	1
69	Genetic Analysis of <i>EGLN1</i> C127S Variant in Taiwanese Parkinson's Disease. <i>Parkinson's Disease</i> , 2020, 2020, 1-4.	0.6	1
70	Fibroblast Growth Factor 20 Gene Polymorphism in Parkinson's Disease in Asian Population: A Meta-Analysis. <i>Genes</i> , 2021, 12, 674.	1.0	1
71	Alteration of inflammatory factors between chronic stroke and post-stroke dementia: A cross-sectional study. <i>Alzheimer's and Dementia</i> , 2020, 16, e036566.	0.4	0
72	Hypertension-related white matter pattern in patients with mild cognitive impairment: A voxel-based analysis. <i>Alzheimer's and Dementia</i> , 2020, 16, e042190.	0.4	0

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73	Association of Polymorphisms of the Tissue Inhibitors of Metalloproteinases- 1 and -2 with Alzheimer's Disease in Taiwan. <i>Current Alzheimer Research</i> , 2021, 18, 505-512.	0.7	0
74	Impact on Mental Well-Being and Resilience of Patients with Multiple Chronic Conditions in Different Periods during the Coronavirus Disease 2019 Outbreak in Taiwan. <i>Healthcare (Switzerland)</i> , 2021, 9, 1457.	1.0	0