

Hsin-Yi Chang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96
papers

4,002
citations

22
h-index

62
g-index

100
ext. papers

4,847
ext. citations

4.3
avg, IF

4.78
L-index

#	Paper	IF	Citations
96	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013 , 45, 1274-1283	36.3	1904
95	Body mass index and obesity-related metabolic disorders in Taiwanese and US whites and blacks: implications for definitions of overweight and obesity for Asians. <i>American Journal of Clinical Nutrition</i> , 2004 , 79, 31-9	7	268
94	Effect of potassium-enriched salt on cardiovascular mortality and medical expenses of elderly men. <i>American Journal of Clinical Nutrition</i> , 2006 , 83, 1289-96	7	197
93	Impact of mental health and caregiver burden on family caregivers's physical health. <i>Archives of Gerontology and Geriatrics</i> , 2010 , 50, 267-71	4	124
92	Hyperuricemia and gout in Taiwan: results from the Nutritional and Health Survey in Taiwan (1993-96). <i>Journal of Rheumatology</i> , 2001 , 28, 1640-6	4.1	113
91	The risk of tuberculosis disease among persons with diabetes mellitus: a prospective cohort study. <i>Clinical Infectious Diseases</i> , 2012 , 54, 818-25	11.6	99
90	Prevalence, awareness, treatment and control of hypertension in Taiwan: results of Nutrition and Health Survey in Taiwan (NAHSIT) 1993-1996. <i>Journal of Human Hypertension</i> , 2001 , 15, 793-8	2.6	80
89	Diet and health trends in Taiwan: comparison of two nutrition and health surveys from 1993-1996 and 2005-2008. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2011 , 20, 238-50	1	76
88	Evidence for improved control of hypertension in Taiwan: 1993-2002. <i>Journal of Hypertension</i> , 2008 , 26, 600-6	1.9	75
87	Agreement between self-reported and health insurance claims on utilization of health care: A population study. <i>Journal of Clinical Epidemiology</i> , 2009 , 62, 1316-22	5.7	66
86	Morbid obesity in Taiwan: Prevalence, trends, associated social demographics, and lifestyle factors. <i>PLoS ONE</i> , 2017 , 12, e0169577	3.7	58
85	Elderly Nutrition and Health Survey in Taiwan (1999-2000): research design, methodology and content. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2005 , 14, 203-10	1	53
84	Design and sample characteristics of the 2005-2008 Nutrition and Health Survey in Taiwan. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2011 , 20, 225-37	1	50
83	A population study of the self-care behaviors and their associated factors of diabetes in Taiwan: results from the 2001 National Health Interview Survey in Taiwan. <i>Preventive Medicine</i> , 2005 , 40, 344-8	4.3	49
82	Relationship between components of leisure physical activity and mortality in Taiwanese older adults. <i>Preventive Medicine</i> , 2006 , 43, 36-41	4.3	34
81	Trends in nutrient and dietary intake among adults and the elderly: from NAHSIT 1993-1996 to 2005-2008. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2011 , 20, 251-65	1	34
80	Increased risk of affective disorders in type 2 diabetes is minimized by sulfonylurea and metformin combination: a population-based cohort study. <i>BMC Medicine</i> , 2012 , 10, 150	11.4	32

79	Gender differences in trends in diabetes prevalence from 1993 to 2008 in Taiwan. <i>Diabetes Research and Clinical Practice</i> , 2010 , 90, 358-64	7.4	32
78	Fatal crash trends for Australian young drivers 1997-2007: geographic and socioeconomic differentials. <i>Journal of Safety Research</i> , 2010 , 41, 123-8	4	30
77	Individualized home-based exercise and nutrition interventions improve frailty in older adults: a randomized controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019 , 16, 119	8.4	28
76	Allergic Conjunctivitis-induced Retinal Inflammation Promotes Myopia Progression. <i>EBioMedicine</i> , 2018 , 28, 274-286	8.8	27
75	The incidence of experimental smoking in school children: an 8-year follow-up of the child and adolescent behaviors in long-term evolution (CABLE) study. <i>BMC Public Health</i> , 2011 , 11, 844	4.1	24
74	A population study on the time trend of cigarette smoking, cessation, and exposure to secondhand smoking from 2001 to 2013 in Taiwan. <i>Population Health Metrics</i> , 2016 , 14, 38	3	21
73	Joint predictability of health related quality of life and leisure time physical activity on mortality risk in people with diabetes. <i>BMC Public Health</i> , 2013 , 13, 67	4.1	19
72	Association of geriatric conditions and cardiovascular diseases with disability in older adults with diabetes: findings from a nationally representative survey. <i>Geriatrics and Gerontology International</i> , 2013 , 13, 563-70	2.9	18
71	Energy intake at different times of the day: Its association with elevated total and LDL cholesterol levels. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019 , 29, 390-397	4.5	18
70	Do the elderly benefit from annual physical examination? An example from Kaohsiung City, Taiwan. <i>Preventive Medicine</i> , 2002 , 35, 264-70	4.3	17
69	Prevalence of Hypertension Defined by Central Blood Pressure Measured Using a Type II Device in a Nationally Representative Cohort. <i>American Journal of Hypertension</i> , 2018 , 31, 346-354	2.3	16
68	Cohort Profile: The Healthy Aging Longitudinal Study in Taiwan (HALST). <i>International Journal of Epidemiology</i> , 2017 , 46, 1106-1106j	7.8	15
67	Circulating 25-hydroxyvitamin D and physical performance in older adults: a nationwide study in Taiwan. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 1334-1344	7	15
66	Independent association between subjective cognitive decline and frailty in the elderly. <i>PLoS ONE</i> , 2018 , 13, e0201351	3.7	15
65	Time trend of prevalence of self-reported cataract and its association with prolonged sitting in Taiwan from 2001 and 2013. <i>BMC Ophthalmology</i> , 2014 , 14, 128	2.3	15
64	Validity of EQ-5D in general population of Taiwan: results of the 2009 National Health Interview and Drug Abuse Survey of Taiwan. <i>Quality of Life Research</i> , 2015 , 24, 2541-8	3.7	14
63	Low-normal serum potassium is associated with an increased risk of cardiovascular and all-cause death in community-based elderly. <i>Journal of the Formosan Medical Association</i> , 2015 , 114, 517-25	3.2	14
62	Do parents play different roles in drinking behaviours of male and female adolescents? A longitudinal follow-up study. <i>BMJ Open</i> , 2015 , 5, e007179	3	14

61	Geriatric conditions as predictors of increased number of hospital admissions and hospital bed days over one year: findings of a nationwide cohort of older adults from Taiwan. <i>Archives of Gerontology and Geriatrics</i> , 2014 , 59, 169-74	4	14
60	Road crash trends for young drivers in New South Wales, Australia, from 1997 to 2007. <i>Traffic Injury Prevention</i> , 2010 , 11, 8-15	1.8	14
59	The role of sleep problems in the relationship between peer victimization and antisocial behavior: A five-year longitudinal study. <i>Social Science and Medicine</i> , 2017 , 173, 126-133	5.1	13
58	Frailty and health care use among community-dwelling older adults with diabetes: a population-based study. <i>Clinical Interventions in Aging</i> , 2018 , 13, 2295-2300	4	13
57	The Co-Occurrence Of Frailty (Accumulation Of Functional Deficits) And Depressive Symptoms, And Its Effect On Mortality In Older Adults: A Longitudinal Study. <i>Clinical Interventions in Aging</i> , 2019 , 14, 1671-1680	4	11
56	The effects of social structure and social capital on changes in smoking status from 8th to 9th grade: results of the Child and Adolescent Behaviors in Long-term Evolution (CABLE) study. <i>Preventive Medicine</i> , 2014 , 62, 148-54	4.3	11
55	Combined effects of frailty status and cognitive impairment on health-related quality of life among community dwelling older adults. <i>Archives of Gerontology and Geriatrics</i> , 2020 , 87, 103999	4	11
54	Management trajectories in the type 2 diabetes Integrated Delivery System project in Taiwan: accounting for behavioral therapy, nutrition education and therapeutics. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2014 , 23, 592-606	1	11
53	The co-occurrence of depressive symptoms and cognitive impairment and its relationship with self-care behaviors among community dwelling older adults with diabetes. <i>Diabetes Research and Clinical Practice</i> , 2017 , 129, 73-78	7.4	9
52	The effects of family dysfunction trajectories during childhood and early adolescence on sleep quality during late adolescence: Resilience as a mediator. <i>Social Science and Medicine</i> , 2019 , 222, 162-170	5.1	9
51	Association between allergic disease, sleep-disordered breathing, and childhood nocturnal enuresis: a population-based case-control study. <i>Pediatric Nephrology</i> , 2017 , 32, 2293-2301	3.2	9
50	The trajectory and the related physical and social determinants of body mass index in elementary school children: results from the child and adolescent behaviors in long-term evolution study. <i>Journal of Obesity</i> , 2014 , 2014, 728762	3.7	9
49	Changes in health risk behaviors of elementary school students in northern Taiwan from 2001 to 2003: results from the child and adolescent behaviors in long-term evolution study. <i>BMC Public Health</i> , 2007 , 7, 323	4.1	9
48	Migraine and risk of narcolepsy in children: A nationwide longitudinal study. <i>PLoS ONE</i> , 2017 , 12, e0189234	3.7	9
47	Impacts of the New 2017 ACC/AHA Hypertension Guideline on the Prevalence of Brachial Hypertension and Its Concordance with Central Hypertension. <i>American Journal of Hypertension</i> , 2019 , 32, 409-417	2.3	8
46	Medical services utilization and expenditure of obesity-related disorders in Taiwanese adults. <i>Value in Health</i> , 2010 , 13, 829-36	3.3	8
45	Health Care Visits as a Risk Factor for Tuberculosis in Taiwan: A Population-Based Case-Control Study. <i>American Journal of Public Health</i> , 2016 , 106, 1323-8	5.1	8
44	Age and sex differences in the effects of peer victimization on depressive symptoms: Exploring sleep problems as a mediator. <i>Journal of Affective Disorders</i> , 2019 , 245, 553-560	6.6	8

43	High sugar-sweetened beverage intake frequency is associated with smoking, irregular meal intake and higher serum uric acid in Taiwanese adolescents. <i>Journal of Nutritional Science</i> , 2020 , 9, e7	2.7	7
42	A population study on changes in diabetes self-care behaviors in Taiwan between 2001 and 2005. <i>Preventive Medicine</i> , 2010 , 50, 308-9	4.3	7
41	A population study on the association between leisure time physical activity and self-rated health among diabetics in Taiwan. <i>BMC Public Health</i> , 2010 , 10, 277	4.1	7
40	Protective Effect of Calcium Channel Blockers Against Frailty in Older Adults with Hypertension. <i>Journal of the American Geriatrics Society</i> , 2016 , 64, 1356-8	5.6	7
39	Disentangling the effects of depression on trajectories of sleep problems from adolescence through young adulthood. <i>Journal of Affective Disorders</i> , 2017 , 217, 48-54	6.6	6
38	Dual Trajectories of Sleep Duration and Cigarette Smoking during Adolescence: Relation to Subsequent Internalizing Problems. <i>Journal of Abnormal Child Psychology</i> , 2018 , 46, 1651-1663	4	6
37	The Effects of Sleep Problems on the Trajectory of Antisocial Behavior from Adolescence through Early Adulthood in Taiwan: Family Functioning as a Moderator. <i>Sleep</i> , 2016 , 39, 1441-9	1.1	6
36	The excess mortality risk of diabetes associated with functional decline in older adults: results from a 7-year follow-up of a nationwide cohort in Taiwan. <i>BMC Public Health</i> , 2011 , 11, 953	4.1	6
35	Health-related quality of life predicts hospital admission within 1 year in people with diabetes: a nationwide study from Taiwan. <i>Diabetic Medicine</i> , 2009 , 26, 1055-62	3.5	6
34	Reciprocal relationship between unhealthy eating behaviours and depressive symptoms from childhood to adolescence: 10-year follow-up of the Child and Adolescent Behaviors in Long-Term Evolution study. <i>Public Health Nutrition</i> , 2016 , 19, 1654-65	3.3	6
33	Pubertal Timing, Parenting Style, and Trajectories of Pornography Use in Adolescence: Peer Pornography Use as the Mediator. <i>Journal of Sex Research</i> , 2020 , 57, 29-41	4	6
32	Transitions in sleep problems from late adolescence to young adulthood: A longitudinal analysis of the effects of peer victimization. <i>Aggressive Behavior</i> , 2018 , 44, 69-82	2.8	5
31	A non-invasive modifiable Healthy Ageing Nutrition Index (HANI) predicts longevity in free-living older Taiwanese. <i>Scientific Reports</i> , 2018 , 8, 7113	4.9	5
30	Prevalence, characteristics, and acute care utilization of disabled older adults with an absence of help for activities of daily living: Findings from a nationally representative survey. <i>Archives of Gerontology and Geriatrics</i> , 2016 , 67, 28-33	4	5
29	Increased coffee, tea, or other sugar-sweetened beverage consumption in adolescents is associated with less satisfactory dietary quality, body fatness and serum uric acid profiles over the past 18 years in Taiwan. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2019 , 28, 371-382	1	5
28	A Point-based Mortality Prediction System for Older Adults with Diabetes. <i>Scientific Reports</i> , 2017 , 7, 12652	4.9	4
27	The paradox of aging and health-related quality of life in Asian Chinese: results from the Healthy Aging Longitudinal Study in Taiwan. <i>BMC Geriatrics</i> , 2020 , 20, 91	4.1	4
26	Influence of stressors and possible pathways of onset of seventh graders' suicidal ideation in urban and rural areas in Taiwan. <i>BMC Public Health</i> , 2013 , 13, 1233	4.1	4

25	Sex differences in sleep patterns and changes in 7th to 12th graders: a longitudinal follow-up study in Taiwan. <i>Sleep</i> , 2018 , 41,	1.1	4
24	Path of socialization and cognitive factorsEffects on adolescentsSalcohol use in Taiwan. <i>Addictive Behaviors</i> , 2011 , 36, 807-13	4.2	4
23	Glucocorticoids may compromise the effect of gefitinib in non-small cell lung cancer. <i>Oncotarget</i> , 2016 , 7, 85917-85928	3.3	4
22	Parenting stress mediates the association between cyanotic congenital heart disease and internalising problems in children and adolescents. <i>European Journal of Cardiovascular Nursing</i> , 2020 , 19, 301-309	3.3	4
21	Trend of subsequent epilepsy in children with recurrent febrile seizures: A retrospective matched cohort study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018 , 61, 164-169	3.2	4
20	Will personal values predict the development of smoking and drinking behaviors? A prospective cohort study of children and adolescents in Taiwan. <i>Journal of Health Psychology</i> , 2018 , 23, 982-992	3.1	3
19	The relationship between healthy lifestyle and hospital utilization among adults with diabetes: results from a national cohort in Taiwan. <i>Asia-Pacific Journal of Public Health</i> , 2015 , 27, 303-13	2	3
18	The regional differences in prevalence, medical expenditures and risk factors for injury in Taiwanese teenagers. <i>BMC Public Health</i> , 2006 , 6, 107	4.1	3
17	Neonatal hyperbilirubinaemia is associated with a subsequent increased risk of childhood-onset type 1 diabetes. <i>Paediatrics and International Child Health</i> , 2020 , 40, 35-43	1.4	3
16	Monitoring of polyphenol mangiferin by liquid chromatography tandem mass spectrometry in rat and its comparative pharmacokinetic study of a single compound, a single botanic extract and multiple botanic extract. <i>Separation Science Plus</i> , 2018 , 1, 603-618	1.1	3
15	Adequate protein intake in older adults in the context of frailty: cross-sectional results of the Nutrition and Health Survey in Taiwan 2014-2017. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 649-660	2.7	2
14	Resilience buffers the effects of sleep problems on the trajectory of suicidal ideation from adolescence through young adulthood. <i>Social Science and Medicine</i> , 2021 , 279, 114020	5.1	2
13	Development and testing of a scale for assessing the quality of home nursing. <i>Geriatrics and Gerontology International</i> , 2016 , 16, 358-64	2.9	2
12	Increased prevalence of inattention-related symptoms in a large cohort of patients with congenital heart disease. <i>European Child and Adolescent Psychiatry</i> , 2021 , 30, 647-655	5.5	2
11	Changes in alcoholic beverage preference and consumption in Taiwan following accession to the World Trade Organization. <i>Addiction</i> , 2021 , 116, 497-505	4.6	2
10	Aggressive-Depressive Trajectories in Childhood and Their Associations with Drinking Behaviors and Problems in Adolescence and Emerging Adulthood. <i>Journal of Youth and Adolescence</i> , 2020 , 49, 1897-1912 ¹	4.5	1
9	Sex differences in the trajectories of and factors related to extracurricular sport participation and exercise: a cohort study spanning 13 years. <i>BMC Public Health</i> , 2020 , 20, 1639	4.1	1
8	Relative Role of Physical Frailty and Poor Cognitive Performance in Progression to Dementia. <i>Journal of the American Medical Directors Association</i> , 2021 , 22, 1558-1559	5.9	1

7	ParentsSright strategy on preventing youngstersSrecent suicidal ideation: a 13-year prospective cohort study. <i>Journal of Mental Health</i> , 2021 , 1-9	2.7	1
6	Does physical activity protect older persons with frailty and cognitive impairment from excess all-cause mortality?. <i>Archives of Gerontology and Geriatrics</i> , 2021 , 97, 104500	4	1
5	Effects of Social Attachment on Experimental Drug Use From Childhood to Adolescence: An 11-Year Prospective Cohort Study.. <i>Frontiers in Public Health</i> , 2022 , 10, 818894	6	1
4	Reply to CK Chow. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 1553-1554	7	0
3	Assessment of incident frailty hazard associated with depressive symptoms in a Taiwanese longitudinal study. <i>International Psychogeriatrics</i> , 2021 , 1-10	3.4	0
2	Developing and testing a tool to evaluate the quality of home aid services. <i>Geriatric Nursing</i> , 2014 , 35, 257-63	2.1	
1	The Association Between Frequent Sugar-Sweetened Beverage Intake and Sleep Duration in School Children: A Cross-Sectional Study.. <i>Frontiers in Nutrition</i> , 2022 , 9, 847704	6.2	