

# Hsin-Yi Chang

## List of Publications by Year in descending order

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Version: 2024-02-01

98  
papers

5,450  
citations

236925

25  
h-index

91884

69  
g-index

100  
all docs

100  
docs citations

100  
times ranked

11749  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013, 45, 1274-1283.	21.4	2,641
2	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, 31-39.	4.7	313
3	Effect of potassium-enriched salt on cardiovascular mortality and medical expenses of elderly men. <i>American Journal of Clinical Nutrition</i> , 2006, 83, 1289-1296.	4.7	241
4	Impact of mental health and caregiver burden on family caregivers' physical health. <i>Archives of Gerontology and Geriatrics</i> , 2010, 50, 267-271.	3.0	179
5	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.	2.0	118
6	The Risk of Tuberculosis Disease Among Persons With Diabetes Mellitus: A Prospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2012, 54, 818-825.	5.8	117
7	Morbid obesity in Taiwan: Prevalence, trends, associated social demographics, and lifestyle factors. <i>PLoS ONE</i> , 2017, 12, e0169577.	2.5	100
8	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, 793-798.	2.2	89
9	Evidence for improved control of hypertension in Taiwan: 1993-2002. <i>Journal of Hypertension</i> , 2008, 26, 600-606.	0.5	87
10	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.	0.4	80
11	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.	4.6	77
12	Agreement between self-reported and health insurance claims on utilization of health care: A population study. <i>Journal of Clinical Epidemiology</i> , 2009, 62, 1316-1322.	5.0	73
13	Allergic Conjunctivitis-induced Retinal Inflammation Promotes Myopia Progression. <i>EBioMedicine</i> , 2018, 28, 274-286.	6.1	63
14	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.	0.4	56
15	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.	0.4	55
16	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, 344-348.	3.4	54
17	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.	5.5	46
18	Gender differences in trends in diabetes prevalence from 1993 to 2008 in Taiwan. <i>Diabetes Research and Clinical Practice</i> , 2010, 90, 358-364.	2.8	37

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19	Relationship between components of leisure physical activity and mortality in Taiwanese older adults. <i>Preventive Medicine</i> , 2006, 43, 36-41.	3.4	36
20	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.	0.4	36
21	Fatal crash trends for Australian young drivers 1997-2007: Geographic and socioeconomic differentials. <i>Journal of Safety Research</i> , 2010, 41, 123-128.	3.6	35
22	Independent association between subjective cognitive decline and frailty in the elderly. <i>PLoS ONE</i> , 2018, 13, e0201351.	2.5	33
23	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.	2.7	31
24	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.	2.9	27
25	Cohort Profile: The Healthy Aging Longitudinal Study in Taiwan (HALST). <i>International Journal of Epidemiology</i> , 2017, 46, 1106-1106j.	1.9	26
26	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.	2.6	26
27	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, 563-570.	1.5	23
28	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.	1.7	23
29	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.	2.0	23
30	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.	3.0	23
31	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.	2.9	22
32	Do the Elderly Benefit from Annual Physical Examination? An Example from Kaohsiung City, Taiwan. <i>Preventive Medicine</i> , 2002, 35, 264-270.	3.4	21
33	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.	1.4	21
34	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, 517-525.	1.7	21
35	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.	3.8	21
36	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, 2541-2548.	3.1	20

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37	&lt;p&gt;The Co-Occurrence Of Frailty (Accumulation Of Functional Deficits) And Depressive Symptoms, And Its Effect On Mortality In Older Adults: A Longitudinal Study&lt;/p&gt;. Clinical Interventions in Aging, 2019, Volume 14, 1671-1680.	2.9	20
38	Road Crash Trends for Young Drivers in New South Wales, Australia, from 1997 to 2007. Traffic Injury Prevention, 2010, 11, 8-15.	1.4	18
39	Circulating 25-hydroxyvitamin D and physical performance in older adults: a nationwide study in Taiwan. American Journal of Clinical Nutrition, 2016, 104, 1334-1344.	4.7	18
40	Frailty and health care use among community-dwelling older adults with diabetes: a population-based study. Clinical Interventions in Aging, 2018, Volume 13, 2295-2300.	2.9	18
41	Migraine and risk of narcolepsy in children: A nationwide longitudinal study. PLoS ONE, 2017, 12, e0189231.	2.5	18
42	The role of sleep problems in the relationship between peer victimization and antisocial behavior: A five-year longitudinal study. Social Science and Medicine, 2017, 173, 126-133.	3.8	17
43	Age and sex differences in the effects of peer victimization on depressive symptoms: Exploring sleep problems as a mediator. Journal of Affective Disorders, 2019, 245, 553-560.	4.1	16
44	Pubertal Timing, Parenting Style, and Trajectories of Pornography Use in Adolescence: Peer Pornography Use as the Mediator. Journal of Sex Research, 2020, 57, 29-41.	2.5	16
45	High sugar-sweetened beverage intake frequency is associated with smoking, irregular meal intake and higher serum uric acid in Taiwanese adolescents. Journal of Nutritional Science, 2020, 9, e7.	1.9	16
46	Do parents play different roles in drinking behaviours of male and female adolescents? A longitudinal follow-up study. BMJ Open, 2015, 5, e007179-e007179.	1.9	15
47	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. Archives of Gerontology and Geriatrics, 2014, 59, 169-174.	3.0	14
48	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. Preventive Medicine, 2014, 62, 148-154.	3.4	14
49	Sex differences in sleep patterns and changes in 7th to 12th graders: a longitudinal follow-up study in Taiwan. Sleep, 2018, 41, .	1.1	14
50	Management trajectories in the type 2 diabetes Integrated Delivery System project in Taiwan: accounting for behavioral therapy, nutrition education and therapeutics. Asia Pacific Journal of Clinical Nutrition, 2014, 23, 592-606.	0.4	14
51	Resilience buffers the effects of sleep problems on the trajectory of suicidal ideation from adolescence through young adulthood. Social Science and Medicine, 2021, 279, 114020.	3.8	13
52	The co-occurrence of depressive symptoms and cognitive impairment and its relationship with self-care behaviors among community dwelling older adults with diabetes. Diabetes Research and Clinical Practice, 2017, 129, 73-78.	2.8	12
53	Dual Trajectories of Sleep Duration and Cigarette Smoking during Adolescence: Relation to Subsequent Internalizing Problems. Journal of Abnormal Child Psychology, 2018, 46, 1651-1663.	3.5	12
54	The paradox of aging and health-related quality of life in Asian Chinese: results from the Healthy Aging Longitudinal Study in Taiwan. BMC Geriatrics, 2020, 20, 91.	2.7	12

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55	Medical Services Utilization and Expenditure of Obesity-Related Disorders in Taiwanese Adults. <i>Value in Health</i> , 2010, 13, 829-836.	0.3	11
56	Protective Effect of Calcium Channel Blockers Against Frailty in Older Adults with Hypertension. <i>Journal of the American Geriatrics Society</i> , 2016, 64, 1356-1358.	2.6	11
57	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.	2.0	11
58	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.	2.9	10
59	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, 1055-1062.	2.3	10
60	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.	2.9	10
61	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, 1-9.	2.7	10
62	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, 1323-1328.	2.7	10
63	A Point-based Mortality Prediction System for Older Adults with Diabetes. <i>Scientific Reports</i> , 2017, 7, 12652.	3.3	10
64	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.	2.4	10
65	A population study on changes in diabetes self-care behaviors in Taiwan between 2001 and 2005. <i>Preventive Medicine</i> , 2010, 50, 308-309.	3.4	9
66	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, 1654-1665.	2.2	9
67	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.	2.0	9
68	Assessment of incident frailty hazard associated with depressive symptoms in a Taiwanese longitudinal study. <i>International Psychogeriatrics</i> , 2022, 34, 61-70.	1.0	9
69	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.	0.4	9
70	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.	2.9	8
71	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.	4.1	8
72	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.	0.9	8

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73	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.	4.7	8
74	Path of socialization and cognitive factors' effects on adolescents' alcohol use in Taiwan. <i>Addictive Behaviors</i> , 2011, 36, 807-813.	3.0	7
75	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.	2.9	7
76	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.	3.0	7
77	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, 1441-1449.	1.1	7
78	A non-invasive modifiable Healthy Ageing Nutrition Index (HANI) predicts longevity in free-living older Taiwanese. <i>Scientific Reports</i> , 2018, 8, 7113.	3.3	7
79	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.	2.3	6
80	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.	4.7	6
81	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.	3.0	6
82	Glucocorticoids may compromise the effect of gefitinib in non-small cell lung cancer. <i>Oncotarget</i> , 2016, 7, 85917-85928.	1.8	6
83	The regional differences in prevalence, medical expenditures and risk factors for injury in Taiwanese teenagers. <i>BMC Public Health</i> , 2006, 6, 107.	2.9	4
84	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.	0.6	4
85	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.	2.5	4
86	The Relationship Between Healthy Lifestyle and Hospital Utilization Among Adults With Diabetes. <i>Asia-Pacific Journal of Public Health</i> , 2015, 27, 303-313.	1.0	3
87	Development and testing of a scale for assessing the quality of home nursing. <i>Geriatrics and Gerontology International</i> , 2016, 16, 358-364.	1.5	3
88	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.	1.0	3
89	Changes in alcoholic beverage preference and consumption in Taiwan following accession to the World Trade Organization. <i>Addiction</i> , 2021, 116, 497-505.	3.3	3
90	Parents' right strategy on preventing youngsters' recent suicidal ideation: a 13-year prospective cohort study. <i>Journal of Mental Health</i> , 2021, , 1-9.	1.9	3

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91	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.	3.7	3
92	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.	2.9	2
93	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.	2.7	2
94	Reply to CK Chow. <i>American Journal of Clinical Nutrition</i> , 2006, 84, 1553-1554.	4.7	1
95	Estimating the Calibrating Coefficient of the Framingham Score to Predict Risk of Coronary Heart Disease in the Taiwanese Population. <i>International Journal of Gerontology</i> , 2018, , .	0.6	1
96	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.	3.5	1
97	Developing and Validating Risk Scores for Predicting Major Cardiovascular Events Using Population Surveys Linked with Electronic Health Insurance Records. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1319.	2.6	1
98	Developing and testing a tool to evaluate the quality of home aid services. <i>Geriatric Nursing</i> , 2014, 35, 257-263.	1.9	0