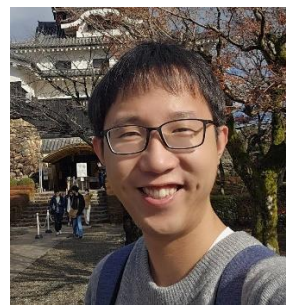


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榮譽

1. 2023 International Association of Gerontology and Geriatric Asia/Oceania Regional Congress (IAGG-AOR) 口頭論文優秀獎
2. 2023 國家科學及技術委員會 112 年度補助赴國外從事博士後研究(甲類)通過
3. 2022 補助國內研究生出席國際學術會議
4. 2022 The 38th International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE) 學會獎學金
5. 2022 國立臺灣大學藥學專業學院 畢業生研究論文獎
6. 2022 國立臺灣大學醫學院 優秀青年
7. 2022 國立臺灣大學醫學院 研究生優秀論文著作獎 佳作獎
8. 2021 國立臺灣大學醫學院 研究生優秀論文著作獎 優等獎
9. 2020 第 30 屆王民寧獎之國內醫藥研究所暨學術研究機構優秀論文獎
10. 2020 第三屆台灣整合照護學會學術研討會 口頭論文第一名
11. 2019 The 12th Asian Conference on Pharmacoepidemiology (ACPE) 學會全額獎學金
12. 2016 國立臺灣大學醫學院 優秀青年
13. 2016 國立臺灣大學醫學院 楓城利他獎
14. 2016 國立臺灣大學醫學院 大學部研究論文獎 傑出獎
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著作目錄

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期刊論文

1. Lai HY, **Huang ST**, Anker SD, et al. The burden of frailty in heart failure: Prevalence, impacts on clinical outcomes and the role of heart failure medications. *J Cachexia Sarcopenia Muscle*. Published online January 30, 2024. (*Geriatrics & Gerontology*, IF: 8.9, Rank: 2/54)
2. Guan ST, Huang YS, **Huang ST**, Hsiao FY, Chen YC. The incidences and clinical outcomes of cryptococcosis in Taiwan: A nationwide, population-based study, 2002-2015. *Med Mycol*. 2024;62(1):myad125. (*Geriatrics & Gerontology*, IF: 2.9, Rank: 16/30)
3. Chen MT, **Huang ST**, Huang HH, Chen WJ, Ko BS, Hsiao FY. Risk of thromboembolic events associated with different multiple myeloma regimens in Taiwan: a nested case-control study. *J Thromb Thrombolysis*. 2023 Nov;56(4):578-587. (*Hematology*, IF: 4.0, Rank: 28/79)
4. Lin HY, Hsiao FY, **Huang ST**, Chen YC, Lin SW, Chen LK. Longitudinal impact of distinct infection trajectories on all-cause mortality of older people in Taiwan: a retrospective, nationwide, population-based study. *Lancet Healthy Longev*. 2023 Sep;4(9):e508-e516. (*Geriatrics & Gerontology*, IF: 13.1, Rank: NA)
5. **Huang ST**, Chen LK, Hsiao FY. Clinical impacts of frailty on 123,172 people with diabetes mellitus considering the age of onset and drugs of choice: a nationwide population-based 10-year trajectory analysis. *Age Ageing*. 2023 Jul 1;52(7):afad128. (*Geriatrics & Gerontology*, IF: 6.7, Rank: 10/54)
6. Meng LC, Kojima T, Suzuki Y, Weng SE, Chen HM, **Huang ST**, Akishita M, Chen LK, Hsiao FY. Medication overload: A closer look at polypharmacy and potentially inappropriate medications among older people in Taiwan and Japan. *Arch Gerontol Geriatr*. 2023 Dec;115:105100. (*Geriatrics & Gerontology*, IF: 4.0, Rank: 24/54)
7. **Huang ST**, Hsiao FY, Tsai TH, Chen PJ, Peng LN, Chen LK. Using Hypothesis-Led Machine Learning and Hierarchical Cluster Analysis to Identify Disease Pathways Prior to Dementia: Longitudinal Cohort Study. *J Med Internet Res*. 2023 Jul 26;25:e41858. (*Geriatrics & Gerontology*, IF: 7.4, Rank: 3/106)
8. Meng LC, Lin CW, Lin YC, **Huang ST**, Chen YY, Shang CY, Wu CY, Chen LK, Chan KA, Hsiao FY. Association between maternal benzodiazepine or Z-hypnotic use in early pregnancy and the risk of stillbirth, preterm birth, and small for gestational age: a nationwide, population-based cohort study in Taiwan. *Lancet Psychiatry*. 2023 Jul;10(7):499-508. (*Psychiatry*, IF: 64.3,

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10. Meng LC, Hsiao FY, **Huang ST**, Lu WH, Peng LN, Chen LK. Intrinsic Capacity Impairment Patterns and their Associations with Unfavorable Medication Utilization: A Nationwide Population-Based Study of 37,993 Community-Dwelling Older Adults. *J Nutr Health Aging.* 2022;26(10):918-925. (Nutrition & Dietetics, IF: 5.285, Rank: 25/90)
11. **Huang ST**, Huang YC, Kuo Edward, Yang YM, Hsiao FY. Impacts of the Catch-Up Immunization Program with the 13-Valent Pneumococcal Conjugate Vaccine in Taiwan: focus on age-stratified differences and high-risk populations, 2001-2015. *Vaccine.* 2022 Oct 12;40(43):6225-6234. (Medicine, Research & Experimental, IF: 4.169, Rank: 73/139)
12. Lee WJ, Peng LN, Lin CH, Chen RC, Lin SZ, Loh CH, Kao SL, Hung TS, Chang CY, Huang CF, Tang TC, **Huang ST**, Wen YW, Hsiao FY, Chen LK; Taiwan Integrated Geriatric Care Study Group. *Lancet Healthy Longev.* 2021 Nov;2(11):e712-e723.
13. Chueh HH, **Huang ST**, Chang SH, Lin SY, Hsiao FY. Comparative effectiveness and safety of different combinations of antithrombotic regimens in atrial fibrillation patients with stent insertions. *Clin Pharmacol Ther.* 2022 Oct;112(4):864-872. (Pharmacology & Pharmacy, IF: 6.903, Rank: 33/279)
14. Meng LC, **Huang ST**, Peng LN, Chen LK, Hsiao FY. Biological Features of the Outcome-Based Intrinsic Capacity Composite Scores From a Population-Based Cohort Study: Pas de Deux of Biological and Functional Aging. *Front Med (Lausanne).* 2022;9:851882. Published 2022 Mar 4. (Medicine, General & Internal, IF: 5.058, Rank: 52/172)
15. Chen Y, **Huang ST**[#], Hsu TC, Peng LN, Hsiao FY, Chen LK. Detecting Suspected Prescribing Cascades by Prescription Sequence Symmetry Analysis of Nationwide Real-World Data. *J Am Med Dir Assoc.* 2022 Mar;23(3):468-474.e6. (Geriatrics & Gerontology, IF: 7.802, Rank: 8/54)
16. Lai HY, **Huang ST**, Chen LK, Hsiao FY. Development of frailty index using ICD-10 codes to predict mortality and rehospitalization of older adults: An update of the multimorbidity frailty index. *Arch Gerontol Geriatr.* 2022 Jan 30;100:104646. (Geriatrics & Gerontology, IF: 4.163, Rank: 27/54)
17. Lin MH, Chen LJ, **Huang ST**, Meng LC, Lee WJ, Peng LN, Hsiao FY, Chen LK. Age and sex differences in associations between self-reported health, physical function, mental function and mortality. *Arch Gerontol Geriatr.* 2022 Jan- Feb;98:104537. (Geriatrics & Gerontology, IF:

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18. Chou MY, **Huang ST**[#], Liang CK, Peng LN, Lin YT, Hsiao FY, Chen LK. All-cause mortality, cardiovascular mortality, major cardiovascular events and hypoglycaemia of patients with diabetes onset at an older age: results from the 10-year nationwide cohort study. *Age Ageing*. 2021 Nov 10;50(6):2094-2104. (Geriatrics & Gerontology, IF: 12.782, Rank: 1/54)
19. Chen MT, **Huang ST**, Lin CW, Ko BS, Chen WJ, Huang HH, Hsiao FY. Tyrosine Kinase Inhibitors and Vascular Adverse Events in Patients with Chronic Myeloid Leukemia: A Population-Based, Propensity Score-Matched Cohort Study. *Oncologist*. 2021 Nov;26(11):974-982. (Oncology, IF: 5.837, Rank: 76/245)
20. Hsu WH, **Huang ST**[#], Lu WH, Wen YW, Chen LK, Hsiao FY. Impact of Multiple Prescriptions With Anticholinergic Properties on Adverse Clinical Outcomes in the Elderly: A Longitudinal Cohort Study in Taiwan. *Clin Pharmacol Ther*. 2021 Oct;110(4):966-974. (Pharmacology & Pharmacy, IF: 6.903, Rank: 33/279)
21. Chen YZ, **Huang ST**, Wen YW, Chen LK, Hsiao FY. Combined Effects of Frailty and Polypharmacy on Health Outcomes in Older Adults: Frailty Outweighs Polypharmacy. *J Am Med Dir Assoc*. 2021 Mar;22(3):606.e7-606.e18. (Geriatrics & Gerontology, IF: 7.802, Rank: 8/54)
22. **Huang ST**, Tange C, Otsuka R, Nishita Y, Peng LN, Hsiao FY, Tomida M, Shimokata H, Arai H, Chen LK. Subtypes of physical frailty and their long-term outcomes: a longitudinal cohort study. *J Cachexia Sarcopenia Muscle*. 2020 Oct;11(5):1223-1231. (Geriatrics & Gerontology, IF: 12.063, Rank: 2/54)
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23. Wang TD, **Huang ST**, Wang CY, Lin FJ, Chen HM, Hsiao FY. Nationwide trends in incidence, healthcare utilization, and mortality in hospitalized heart failure patients in Taiwan. *ESC Heart Fail*. 2020 Sep 13;7(6):3653–66. (Cardiac & Cardiovascular systems, IF: 3.612, Rank: 68/143)
24. Chou MY, **Huang ST**, Liang CK, Hsiao FY, Chen LK. Clinical characteristics and 10-year outcomes of diabetes in adults with advancing age at onset: A population cohort. *Arch Gerontol Geriatr*. 2020 May-Jun;88:104039. (Geriatrics & Gerontology, IF: 4.163, Rank: 27/54)
25. Peng LN, Hsiao FY, Lee WJ, **Huang ST**, Chen LK. Comparisons Between Hypothesis- and Data-Driven Approaches for Multimorbidity Frailty Index: A Machine Learning Approach. *J Med Internet Res*. 2020 Jun 11;22(6):e16213. (Health care sciences & Services, IF: 7.093, Rank: 10/109)
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of Dementia: Special Considerations of Half-Lives and Concomitant Use. *Neurotherapeutics*. 2020 Jan;17(1):156-164. (Pharmacology & Pharmacy, IF: 6.088, Rank: 47/279)

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28. **Huang ST**, Tseng LY, Chen LK, Peng LN, Hsiao FY. Does Long-Term Proton Pump Inhibitor Use Increase Risk of Dementia? Not Really! Results of the Group-Based Trajectory Analysis. *Clin Pharmacol Ther*. 2019 Sep;106(3):616-622. (Pharmacology & Pharmacy, IF: 6.903, Rank: 23/361)
29. Lin FC, **Huang ST**[#], Shang RJ, Wang CC, Hsiao FY, Lin FJ, Lin MS, Hung KY, Wang J, Shen LJ, Lai F, Huang CF. A Web-Based Clinical System for Cohort Surveillance of Specific Clinical Effectiveness and Safety Outcomes: A Cohort Study of Non- Vitamin K Antagonist Oral Anticoagulants and Warfarin. *JMIR Med Inform*. 2019 Jul 3;7(3):e13329. (Medical Informatics, IF: 3.231, Rank: 18/31)
30. Huang SP, Wen YC, **Huang ST**, Lin CW, Wang TD, Hsiao FY. Nonsteroidal Anti-Inflammatory Drugs and Risk of First Hospitalization for Heart Failure in Patients with No History of Heart Failure: A Population-Based Case-Crossover Study. *Drug Saf*. 2019 Jan;42(1):67-75. (Toxicology, IF: 5.228, Rank: 16/94)

研討會投稿

口頭論文發表

[#]=presenter

1. **Huang ST[#]**, Hsiao FY, Chen LK. Dynamic changes in multi-comorbidity condition and health care utilization before and after receiving home healthcare services among old adults in Taiwan: a claim-based nationwide cohort study. IAGG Asia/Oceania Regional Congress 2023, Yokohama, Japan, June 12-14, 2023. (Podium presentation)
2. **Huang ST[#]**, Chen LK, Hsiao FY. Clinical impacts of frailty on patients with diabetes mellitus considering the age of onset and drugs of choice. The 14th Asian Conference on Pharmacoepidemiology (ACPE), Tainan, Taiwan, October 2022.
3. Tseng YH, Huang SY, **Huang ST[#]**, Chen CM, Chen LK, Hsiao FY. The Clinical and Economic Burden of Dementia in Taiwan, 2006-2015. The 3rd conference of Taiwan Association of Integrated Care, Taipei, Taiwan, December, 2020
4. **Huang ST[#]**, Tseng LY, Peng LN, Chen LK, Hsiao FY. Benzodiazepines, Z-Hypnotics and Risk of Dementia: Special Considerations of Half-Lives and Concomitant Use. The 12th Asian Conference on Pharmacoepidemiology (ACPE), Kyoto, Japan, October 2019.
5. **Huang ST[#]**, Tange C, Otsuka R, Nishita Y, Peng LN, Hsiao FY, Tomida M, Shimokata H, Arai H, Chen LK. Frailty Subtypes and Long-Term Outcomes. The 5th NCGG – ICAH Symposium, Obu, Aichi, Japan, April 2019.
6. **Huang ST[#]**, Chen LK, Wen YW, Huang SP, Hsiao FY. A Group Based Trajectory Analysis of Longitudinal Psychotropic Agents Use and Associated Adverse Outcomes in the Elderly. ISPE's 10th Asian Conference on Pharmacoepidemiology, Brisbane, October 2017.
7. **Huang ST[#]**, Wang CY, Lu WH, Hsiao FY. Adherence to Osteoporosis Drugs and Clinical Outcomes among Osteoporosis Patients with Different Risk Profiles. The 7th International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Asia-Pacific Conference, Singapore, September 2016.
8. **Huang ST[#]**, Wang CY, Lu WH, Hsiao FY. Risk Profile and Adherence to Osteoporosis Drugs: A Nationwide Cohort Study in Taiwan. The 7th Asian Association of Schools of Pharmacy (AASP) Conference, Taipei, Taiwan, October 2015.

壁報論文發表

1. Zhang S, **Huang ST**, Tange C, Nishita Y, Arai H, Chen LK, Otsuka R. Longitudinal transition trajectories of Physio-Cognitive Decline Syndrome in older Japanese community-dwellers. The 9th Asian Conference for Frailty and Sarcopenia, October 2023. (Poster presentation)
2. **Huang ST**, Chen LK, Hsiao FY. National trends in the need for home healthcare services among the old people and their 5-year mortality in Taiwan from 2003 to 2015. The 8th Asian Conference for Frailty and Sarcopenia, Nagoya, Japan, October 2022.

3. **Huang ST**, Chen LK, Hsiao FY. Changes in multimorbidity burden and healthcare utilization before and after a diagnosis of dementia: a claim-based nationwide cohort study. The 38th International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE), Copenhagen, Denmark, August 2022.
4. **Huang ST**, Chen LK, Hsiao FY. Changes in multimorbidity burden and healthcare utilization before and after a diagnosis of dementia: a claim-based nationwide cohort study. The 38th International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE), Copenhagen, Denmark, August 2022.
5. **Huang ST**, Chen LK, Hsiao FY. National trends of dementia and its clinical outcomes in Taiwan from 2004 to 2017: a claim-based nationwide study. The 38th International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE), Copenhagen, Denmark, August 2022.
6. Meng LC, Lin CW, **Huang ST**, Hsiao FY. National trends and utilization patterns of benzodiazepines and z-hypnotics among 2,883,162 pregnant women in Taiwan: An interrupted time series analysis. The 38th International Conference on Pharmacoepidemiology & Therapeutic Risk Management (ICPE), Copenhagen, Denmark, August 2022.
7. Lai HY, **Huang ST**, Chen LK, Hsiao FY. Prevalence, characteristics, and impacts of frailty measured by multimorbidity frailty index developed using the ICD-9 CM and ICD-10 CM codes among patients with heart failure in Taiwan: a nationwide cohort study. The 38th International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE), Copenhagen, Denmark, August 2022.
8. Chuang HM, **Huang ST**, Hsiao FY. Heart failure following ST-segment elevation (STEMI) and non-ST-segment elevation myocardial infarction (NSTEMI): incidence, characteristics and its impacts on mortality in Taiwan. The 38th International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE), Copenhagen, Denmark, August 2022.
9. Lin YC, Lin CW, **Huang ST**, Hsiao FY. Uses of Antiepileptic Drugs Among Pregnant Women with Epilepsy and Risk of Preterm, a Group-Based Trajectory Analysis. The 38th International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE), Copenhagen, Denmark, August 2022.
10. Lin HY, **Huang ST**, Chen LK, Hsiao FY. Age- and Gender- Specific Epidemiology of Urinary Tract Infection, Pneumonia, Sepsis, Cholecystitis and Cellulitis among the Elderly: a 20-year Nationwide Study. The 38th International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE), Copenhagen, Denmark, August 2022.
11. Lai HY, **Huang ST**, Chen LK, Hsiao FY. Development of Frailty Index Using ICD-10 Codes to Predict Mortality and Rehospitalization of Older Adults: An Update of the Multimorbidity Frailty index. International Society for Pharmacoconomics and Outcomes Research (ISPOR) Conference, Washington, D.C., USA. May 2022.

12. **Huang ST**, Huang YS, Guan ST, Shau WY, Lai SX, Tsai YL, Chen YC, Hsiao FY. Disease burden of healthcare-associated infections caused by antimicrobial resistant bacteria in intensive care units in Taiwan based on national data, 2008-2015. The 32nd European Congress of Clinical Microbiology & Infectious Diseases. Lisbon, Portugal, April 2022.
13. Guan ST, Huang YS, **Huang ST**, Hsiao FY, Chen Y. The incidences and clinical outcomes of cryptococcosis in Taiwan: a nationwide, population-based study during 2002-2015. The 32nd European Congress of Clinical Microbiology & Infectious Diseases. Lisbon, Portugal, April 2022.
14. Chen MT, **Huang ST**, Chen HM, Ko BS, Hsiao FY. Risk of Vascular Adverse Events associated with Multiple Myeloma Treatments in Taiwan: a nested case control study. International Society for Pharmacoepidemiology's Asian Conference (ACPE), Seoul, Korea. Oct 2021.
15. **Huang ST**, Chen Y, Hsu TC, Peng LN, Hsiao FY, Chen LK. Comparisons of Effect Estimates of 12 Prescribing Cascades Using Prescription Sequence Symmetry Analysis. The 37th International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE), Virtual Event, August 2021.
16. Chen MT, **Huang ST**, Ko BS, Huang HH, Hsiao FY. Association between the multiple myeloma treatments and vascular adverse events in Taiwanese multiple myeloma patients: a population-based cohort study. The 37th International Society for Pharmacoepidemiology (ISPE) Virtual Conference. August 2021.
17. **Huang ST**, Chen LK, Hsiao FY. Impact of Polypharmacy on Risk of Mortality Among Older People Who Received Home Care: A Retrospective Longitudinal Cohort Study. The 36th International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE), Virtual Event, September 2020.
18. Chen MT, **Huang ST**, Chen HM, Ko BS, Hsiao FY. Tyrosine Kinase Inhibitors-related Vascular Occlusive Events in Taiwanese Chronic Myeloid Leukemia Patients: A Population-based, Propensity Score-matched Cohort Study. The 36th International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE), Virtual Event, September 2020.
19. Chueh HH, **Huang ST**, Hsiao FY. Efficacy and Safety of Antithrombotic Therapy in Atrial Fibrillation Patients Undergoing Percutaneous Coronary Intervention with Stent or Concomitant Acute Coronary Syndrome. The 36th International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE), Virtual Event, September 2020.
20. Chen YC, Wang B, Wen YC, Furnback W, Charbonneau C, Lin SW, **Huang ST**, Chen HM, Hsiao FY. Cost-Effectiveness of Second-Line Ceftazidime-Avibactam in Patients with Hospital-Acquired Pneumonia Including Ventilator-Associated Pneumonia in Taiwan. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Europe Conference, Copenhagen, Denmark, November 2019

21. Chen YC, Wang B, Wen YC, Furnback W, Charbonneau C, Lin SW, **Huang ST**, Chen HM, Hsiao FY. Cost-Effectiveness of Ceftazidime-Avibactam + Metronidazole as a First-Line Treatment in Patients with Complicated Intra-Abdominal Infections in Taiwan. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Europe Conference, Copenhagen, Denmark, November 2019
22. Chen YZ, **Huang ST**, Chen LK, Hsiao FY. Longitudinal Impact of Frailty and Polypharmacy on Mortality Risk in the Elderly in Taiwan: A Retrospective Cohort Study. The 12th Asian Conference on Pharmacoepidemiology (ACPE), Kyoto, Japan, October 2019.
23. **Huang ST**, Tseng LY, Chen LK, Peng LN, Hsiao FY. Group-Based Trajectory Analysis of Long-Term Proton Pump Inhibitor Use and Dementia Risk in the Elderly. The 8th International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Asia-Pacific Conference, Tokyo, Japan, September 2018.
24. Wang TD, **Huang ST**, Wang CY, Lin FJ, Chen SR, Ho TH, Hsiao FY. Nationwide Trends in Prevalence and Incidence of And 3 - Year Mortality in Hospitalized Heart Failure Patients in Taiwan (2010-2015): Lingering Hazards Remain. ESC *Heart Failure 2018* & World Congress on Acute Heart Failure Vienna, Austria May 2018
25. Huang SP, Wen YC, **Huang ST**, Wang TD, Hsiao FY. Non-steroidal Anti-inflammatory Drugs and Risk of First Hospitalization for Heart Failure: A Population-Based Case-Crossover Study. ISPE's 10th Asian Conference on Pharmacoepidemiology, Brisbane, Australia, October 2017.
26. **Huang ST**, Liao KH, Lin CW, Hsiao FY. Five-year Trajectories of Longitudinal Psychotropic Agents Use in the Elderly: a Population-based Study. The 33rd International Conference on Pharmacoepidemiology & Therapeutic Risk Management (ICPE), Montreal, Canada, August 2017.