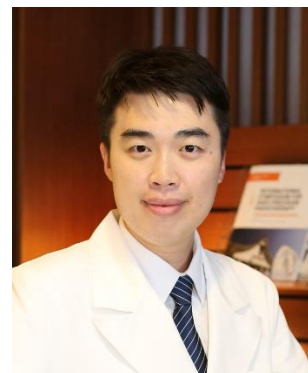


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*I am a physician-scientist working at the Hualien Tzu Chi Hospital in Taiwan. My research focuses on the epidemiology and medications of cardiovascular and endocrine diseases (e.g., stroke, diabetes, osteoporosis, and thyroid disease). I am interested in secondary healthcare data analysis, systematic review with meta-analysis, and pharmacoepidemiology. I have authored more than 30 SCI-indexed papers in recent five years. I also serve as an Academic Editor of PLOS ONE and an invited reviewer for more than 30 medical journals (e.g., BMJ, JCEM, Bone). The following is my academic experience and the detailed publication list.*

## EDUCATION

Tzu Chi University, College of Medicine, Doctor of Medicine	09.2007 – 06.2014
National Taiwan University, Institute of Epidemiology and Preventive Medicine, Doctoral program	02.2020 – Present

## WORKING EXPERIENCE

<b>Physician-scientist</b> , Department of Medical Research, Hualien Tzu Chi Hospital	01.2020 – Present
<b>Attending Physician</b> , Department of Family Medicine, Hualien Tzu Chi Hospital	01.2020 – Present
<b>Clinical Fellow</b> , Department of Family Medicine, Hualien Tzu Chi Hospital	07.2019 – 12.2019
<b>Chief Resident</b> , Department of Family Medicine, Hualien Tzu Chi Hospital	07.2018 – 06.2019
<b>Resident</b> , Department of Family Medicine, Hualien Tzu Chi Hospital	07.2016 – 06.2018
<b>Resident</b> , Department of Emergency Medicine, Hualien Tzu Chi Hospital	01.2016 – 06.2016
<b>Transitional Year</b> , Hualien Tzu Chi Hospital	01.2015 – 12.2015

## HONORS/AWARDS

<b>Second Place Research Award</b> , Taiwan Osteoporosis Association 2020 Annual Meeting	2020
<b>Outstanding Young Investigator Award</b> , 2020 Annual Meeting of Buddhist Tzu Chi Medical Foundation	2020
<b>2020 Best Research Award</b> , Hualien Tzu Chi Medical Center	2020
<b>Young Investigator Travel Grant</b> , American Society for Bone and Mineral Research 2019 Annual Meeting	2019

<b>Outstanding Young Investigator Award</b> , 2019 Annual Meeting of Buddhist Tzu Chi Medical Foundation	2019
<b>2019 Best Research Award</b> , Hualien Tzu Chi Medical Center	2019
<b>Second Place Poster Award</b> , Taiwan Association of Family Medicine 2019 Annual Meeting	2019
<b>Outstanding Abstract Award</b> , Osteoporosis Conference 2018, Royal Osteoporosis Society	2018
<b>Outstanding Young Investigator Award</b> , 2018 Annual Meeting of Buddhist Tzu Chi Medical Foundation	2018
<b>2018 Best Research Award</b> in Resident Group, Hualien Tzu Chi Medical Center	2018

## EDITOR/REVIEWER EXPERIENCE

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I currently serve as an Academic Editor of *PLOS ONE*. I also serve as an invited reviewer for more than 30 medical journals, including high-ranking general or specialist journals such as *BMJ*, *JCEM*, *Bone*, and *Diabetes Obesity and Metabolism*. For more details, please refer to my webpage in Publons:

<https://publons.com/researcher/1622896/huei-kai-huang>

## PROFESSIONAL MEMBERSHIPS

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Taiwan Association of Family Medicine	2016 – Present
Taiwan Academy of Hospice Palliative Medicine	2018 – Present
Taiwan Osteoporosis Association	2020 – Present
Endocrine Society	2018 – Present
The American Society for Bone and Mineral Research	2019 – Present

## PUBLICATIONS (ORCID: <https://orcid.org/0000-0003-3612-653X>)

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\*Corresponding author; †Co-first author

1. Peng CC, Tu YK, Lee GY, Chang RH, Huang Y, Bukhari K, Tsai YC, Fu Y, **Huang HK\***, Munir KM. Effects of proton pump inhibitors on glycemic control and incident diabetes: A systematic review and meta-analysis. *J Clin Endocrinol Metab*. 2021. DOI: 10.1210/clinem/dgab353
2. **Huang HK**, Bukhari K, Peng CC, Hung DP, Shih MC, Chang RH, Lin SM, Munir KM, Tu YK. The j-shaped relationship between body mass index and mortality in patients with covid-19: A dose-response meta-analysis. *Diabetes Obes Metab*. 2021. DOI: 10.1111/dom.14382.
3. **Huang HK**, Wang JH, Kao SL. Risk of developing pneumonia associated with clinically diagnosed hypothyroidism: A nationwide population-based cohort study. *Fam Pract*. 2021. DOI: 10.1093/fampra/cmab027.
4. Hsu JY, Liu PP, Liu AB, **Huang HK\***, Loh CH. High 1-year risk of stroke in patients with hepatocellular carcinoma: A nationwide registry-based cohort study. *Sci Rep*. 2021;11:10444
5. **Huang HK**, Peng CC, Lin SM, Munir KM, Chang RH, Wu BB, Liu PP, Hsu JY, Loh CH, Tu YK. Fracture risks in patients treated with different oral anticoagulants: A systematic review and meta-analysis. *J Am Heart Assoc*. 2021;10:e019618
6. Liu PS<sup>†</sup>, **Huang HK<sup>†</sup>**, Ding DC. Association of lower urinary tract symptoms and hip fracture in adults

- aged  $\geq 50$  years. *PLoS One*. 2021;16:e0246653
7. Hsu JY, Liu PP, Liu AB, Lin SM, **Huang HK\***, Loh CH. Lower risk of dementia in patients with atrial fibrillation taking non-vitamin k antagonist oral anticoagulants: A nationwide population-based cohort study. *J Am Heart Assoc*. 2021;10:e016437
  8. Peng CC<sup>†</sup>, **Huang HK<sup>†</sup>**, Wu BB, Chang RH, Tu YK, Munir KM. Association of thyroid hormone therapy with mortality in subclinical hypothyroidism: A systematic review and meta-analysis. *J Clin Endocrinol Metab*. 2021;106:292-303
  9. Tien YY, **Huang HK**, Shih MC, Tu YK. Drug repurposing? Cardiovascular effect of colchicine on patients with coronary artery disease: A systematic review and meta-analysis. *J Cardiol*. 2021;77:576-582
  10. **Huang HK**, Liu PP, Lin SM, Hsu JY, Peng CC, Munir KM, Wu TY, Yeh JI, Loh CH, Tu YK. Risk of developing diabetes in patients with atrial fibrillation taking non-vitamin k antagonist oral anticoagulants or warfarin: A nationwide cohort study. *Diabetes Obes Metab*. 2021;23:499-507
  11. Chen PW, Liu PP, Lin SM, Wang JH, **Huang HK\***, Loh CH. Cataract and the increased risk of depression in general population: A 16-year nationwide population-based longitudinal study. *Sci Rep*. 2020;10:13421
  12. **Huang HK**, Yeh JI, Loh CH. Hip fracture risk in patients with atrial fibrillation receiving oral anticoagulants: A meta-analysis based on current observational studies. *Eur Heart J*. 2020;41:2919-2920
  13. Tsai TY, Tu YK, Munir KM, Lin SM, Chang RH, Kao SL, Loh CH, Peng CC, **Huang HK\***. Association of hypothyroidism and mortality in the elderly population: A systematic review and meta-analysis. *J Clin Endocrinol Metab*. 2020;105
  14. Hsieh CY, Sung SF, **Huang HK\***. Drug treatment strategies for osteoporosis in stroke patients. *Expert Opin Pharmacother*. 2020;21:811-821
  15. **Huang HK**, Liu PP, Hsu JY, Lin SM, Peng CC, Wang JH, Loh CH. Fracture risks among patients with atrial fibrillation receiving different oral anticoagulants: A real-world nationwide cohort study. *Eur Heart J*. 2020;41:1100-1108
  16. Wei WT, Liu PP, Lin SM, Peng CC, Wang JH, **Huang HK\***, Loh CH. Hypothyroidism and the risk of venous thromboembolism: A nationwide cohort study. *Thromb Haemost*. 2020;120:505-514
  17. **Huang HK**, Liu PP, Hsu JY, Lin SM, Peng CC, Wang JH, Yeh JI, Loh CH. Risk of osteoporosis in patients with atrial fibrillation using non-vitamin k antagonist oral anticoagulants or warfarin. *J Am Heart Assoc*. 2020;9:e013845
  18. Peng CC-H, Huai-En Chang R, Pennant M, **Huang H-K**, Munir KM. A literature review of painful hashimoto thyroiditis: 70 published cases in the past 70 years. *Journal of the Endocrine Society*. 2019;4
  19. **Huang HK**, Yeh JI. Comparison of mortality and cardiovascular event risk associated with various insulin secretagogues: A nationwide real-world analysis. *Diabetes Res Clin Pract*. 2019;152:103-110
  20. **Huang HK**, Chang WC, Hsu JY, Wang JH, Liu PS, Lin SM, Loh CH. Holiday season and weekend effects on stroke mortality: A nationwide cohort study controlling for stroke severity. *J Am Heart Assoc*. 2019;8:e011888

21. Lin SM, Wang JH, Huang LK, **Huang HK\***. Does the 'chinese new year effect' exist? Hospital mortality in patients admitted to internal medicine departments during official consecutive holidays: A nationwide population-based cohort study. *BMJ Open*. 2019;9:e025762
22. Lin SM, Yang SH, Wang CY, **Huang HK\***. Association between diuretic use and the risk of vertebral fracture after stroke: A population-based retrospective cohort study. *BMC Musculoskelet Disord*. 2019;20:96
23. Lin SM, Yang SH, Liang CC, **Huang HK\***, Loh CH. Association between benzodiazepine use and risks of chronic-onset poststroke pneumonia: A population-based cohort study. *BMJ Open*. 2019;9:e024180
24. Lin SM, Wang CY, Chen YY, Wang JH, Liang CC, **Huang HK\***. Herpes zoster and the risks of osteoporosis and fracture: A nationwide cohort study. *Eur J Clin Microbiol Infect Dis*. 2019;38:365-372
25. Li PC<sup>†</sup>, **Huang HK<sup>†</sup>**, Ding DC. Hysterectomy associated with de novo lower urinary tract symptoms in a taiwanese population: A nationwide, population-based study. *Int Urogynecol J*. 2018
26. **Huang HK**, Lin SM, Loh CH, Wang JH, Liang CC. Association between cataract and risks of osteoporosis and fracture: A nationwide cohort study. *J Am Geriatr Soc*. 2019;67:254-260
27. **Huang HK**, Ding DC. Pelvic organ prolapse surgery following hysterectomy with benign indication: A national cohort study in taiwan. *International Urogynecology Journal*. 2018;29:1669-1674
28. Lin SM, Wang JH, Liang CC, **Huang H-K\***. Statin use is associated with decreased osteoporosis and fracture risks in stroke patients. *The Journal of Clinical Endocrinology & Metabolism*. 2018;103:3439-3448
29. **Huang HK**, Wang JH, Kao SL. Association of hypothyroidism with all-cause mortality: A cohort study in an older adult population. *The Journal of Clinical Endocrinology & Metabolism*. 2018;103:3310-3318
30. **Huang HK**, Wang JH, Lei WY, Chen CL, Chang CY, Liou LS. Helicobacter pylori infection is associated with an increased risk of parkinson's disease: A population-based retrospective cohort study. *Parkinsonism Relat Disord*. 2018;47:26-31
31. **Huang HK**, Wang YW, Hsieh JG, Hsieh CJ. Disparity of end-of-life care in cancer patients with and without schizophrenia: A nationwide population-based cohort study. *Schizophr Res*. 2018;195:434-440
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33. Lin SM, Yang SH, Cheng HY, Liang CC, **Huang HK\***. Thiazide diuretics and the risk of hip fracture after stroke: A population-based propensity-matched cohort study using taiwan's national health insurance research database. *BMJ Open*. 2017;7:e016992
34. **Huang HK**, Hsieh JG, Hsieh CJ, Wang YW. Do cancer patients with dementia receive less aggressive treatment in end-of-life care? A nationwide population-based cohort study. *Oncotarget*. 2017;8:63596-63604
35. **Huang HK**, Lin SM, Yang CSH, Liang CC, Cheng HY. Post-ischemic stroke rehabilitation is associated with a higher risk of fractures in older women: A population-based cohort study. *PLoS One*. 2017;12:e0175825