

Curriculum Vitae

Nov., 2020

Jiun-Yi Wang

Department of Healthcare Administration,
College of Medical and Health Science, Asia University
No. 500, Liufeng Road, Wufeng, Taichung 41354, Taiwan, R.O.C.
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EDUCATION

1992-1995 Taichung First Senior High School

1995-1999 College of Business and Management, Tamkung University

B.A. Department of Statistics

1999-2001 College of Science, National Central University

M.S. Graduate Institute of Statistics

Thesis Title: The goodness-of-fit test of logistic regression model under retrospective sampling.

Thesis Advisor: Professor Kuang-Fu Cheng

2001-2005 College of Public Health, National Taiwan University

Ph.D. Graduate Institute of Epidemiology

Dissertation Title: Likelihood-based robust association tests for mapping quantitative trait loci using parent-offspring triad data.

Thesis Advisor: Professor John Jen Tai

2016/8 Institute of Continuing & TESOL Education, University of Queensland

Undertaken a 2-weeks course of

Content and Language Integrated Learning Program (CLIL) - Higher Education

AFFILIATIONS

Academic Appointments

2015-Present Professor, Department of Healthcare Administration, College of Medical and Health Science, Asia University

2020 Adjunct Professor, Department of Global Community Health and Behavioral Sciences, Tulane University School of Public Health and Tropical Medicine

2010-2015 Associate Professor, Department of Healthcare Administration, College of

- Health Science, Asia University
- 2005-2010 Assistant Professor, Department of Healthcare Administration, College of Health Science, Asia University
- 2006-2008 Adjunct Assistant Professor, Graduate Institute of Biostatistics, College of Public Health, China Medical University
- 2005-2006 Jointly Appointed Assistant Professor, Department of Public Health, College of Public Health, China Medical University

Other Appointments

- 2019-Present Chair, Department Evaluation and Development Committee Department of Healthcare Administration, Asia University
- 2020-Present Member, Special Education Implementation Committee, Asia University
- 2019-Present Member, Teacher Review Committee, College of Medical and Health Science, Asia University
- 2019-Present Chair, Curriculum Committee, Department of Healthcare Administration, Asia University
- 2019-Present Chair, Student Internship Committee, Department of Healthcare Administration, Asia University
- 2017-Present Consultant, Medical Research & Teaching Center, Asia University Hospital
- 2015-Present Member, University Development Committee, Asia University
- 2015-Present Advisor, Medical Research & Teaching Center, Jen-Ai Hospital Dali Branch
- 2014-Present Consultant, Medical Research & Teaching Center, Tsao-Tun Psychiatric Center
- 2014-Present Advisor, Department of Medical Research, China Medical University Hospital
- 2013-Present Director, Yu-Shan Health Services Administration Association
- 2014-2019 Member, Student Internship Committee, Department of Healthcare Administration, Asia University
- 2017-2018 Member, Student Affairs Committee, Asia University
- 2016-2017 Executive Secretary, Department of Healthcare Administration, Asia University
- 2015-2017 Member, Health City & Age-Friendly City Promotion Committee, Kinmen County Government
- 2015-2017 Member, Teacher Review Committee, College of Medical and Health Science, Asia University
- 2013-2015 Member, School-level Faculty Evaluation Committee, College of Medical and Health Science

2014-2015	Member, Student Appellate Council, Asia University
2014-2016	Advisor, Doctoral Program in Healthcare Administration, College of Medical and Health Science
2013-2015	Chair, Curriculum Committee, Department of Healthcare Administration, Asia University
2013-2014	Chair, Department of Healthcare Administration, Asia University
2007-2008	Committee of Library and Information Services, Asia University

HONORS & AWARDS

2019	University-level Outstanding Teaching Award, Asia University
2017	Research Award, Asia University
2016	University-level Outstanding Mentor Award, Asia University
2016	Research Award, Asia University
2015	Teaching Award, College of Medical and Health Science, Asia University

SERVICES

Academic Services

2020	Reviewer, Evaluation for Faculty Promotion of Meiho University
2019	Member of Review Board, Reviewing research proposals of Taiwan Biobank
2018	Reviewer, Reviewing manuscripts submitted to 2018 Joint Academic Conference on Health Care in Taiwan & 50-years anniversary ceremony of Taiwan Hospital Association
2018	Member of Review Board, Reviewing research proposals of Asia University Hospital
2018	Reviewer, Reviewing manuscripts submitted to 2018 International conference on new era for Asia Pacific Healthcare Management & the annual meeting of Yu-Shan Health Services Administration Association
2017	Reviewer, Evaluation for Faculty Promotion of Meiho University
2017	Reviewer, Reviewing manuscripts submitted to 2017 Conference on AI in medical technology towards a new era of health management & the annual meeting of Yu-Shan Health Services Administration Association
2016	Reviewer, Evaluation for Faculty Promotion of Kainan University

2015 Member of Review Board, Reviewing research proposals of Cheng Ching Hospital Chung-Kang Branch

2014 Member of Review Board, Reviewing research proposals of Tsao-Tun Psychiatric Center

Referee for journals “Journal of Medical Internet Research”, “International Journal of Industrial Ergonomics”, “Aging & Mental Health”, “BMC Public Health”, “European Journal of Aging”, “Hospital”, “International Journal of Gerontology”, “Journal of Applied Statistics”, “Oncotarget”, “Scientific Reports”

Consultant or Instructor

National Taiwan University Hospital
Far Eastern Memorial Hospital
Taichung Hospital, Ministry of Health & Welfare
Taichung Veterans General Hospital Puli Branch
Taiwan Blood Services Foundation
Taichung Tzu Chi Hospital
Cheng Ching Hospital Chung-Kang Branch
Dalin Tzu Chi Hospital
Tsao-Tun Psychiatric Center, Ministry of Health & Welfare
Jen-Ai Hospital Dali Branch
China Medical University Hospital
Asia University Hospital
Taiwan Food and Drug Administration

Other Services

2015/5 **Organizer** and **MC**, 2015 Conference on Quality of Healthcare in the New Era & The Annual Meeting and 10-year Celebration of Yu-Shan Health Services Administration Association. Taichung, Taiwan

2016/4 Committee Member, University Self-Evaluation Committee, Asia University

THESIS ADVISING

Doctoral Advising

- Chi, Shu-Huang. 2015. The Inter-relationships among Leisure-time Physical Activity, Fruit and Vegetable Consumptions, and Depressive Symptoms in Older Taiwanese. (Co-advisor; Major advisor: Dr. Alan C. Tsai)
- Hsu, Min-Fang. 2015. Multi-Respiratory Muscle Training Can Improve the Respiratory Function of Patients with Chronic Obstructive Pulmonary Disease. (Co-advisor; Major advisor: Dr. Alan C. Tsai)
- Huang, Li-Chuan. 2019. Study on the Effectiveness of Life Education Smoking Prevention Program for Senior High School Students - An Example of Hualien County. (Co-advisor; Major advisor: Dr. Ya-Wen Huang)
- Li, Chia-Jen. The Effectiveness of a Caregiver-Mediated Health Educational Intervention on Improving Constipation Status of Primary School children. (ongoing)
- Sia, Hon-Ke. Effect of Self-care Behaviors and Clinical Factors on Glycemic Control among Patients with Newly Diagnosed Diabetes Mellitus: Longitudinal Observational Studies. (onging)

Dissertation Committees

- Lee, Li-Chin. Need-Based Nutritional Intervention Is Effective in Improving the Nutritional and Functional Status of the Nursing-Home Residents. 2011-2013
- Chen, Meei-Maan. The Effectiveness of a Multidimensional Worksite Health Promotion Program in Improving Metabolic Disorders in Older Workers in Taiwan. 2011-2013
- Wang, Tzu-Chi. Caregiver-Mediated, Home-Based Intervention (CHI) Can Improve Functional Recovery of Patients With Chronic Stroke--A Randomized, Controlled Study. 2013-2015
- Hsu, Wei-Chung. Construction of a Mini Comprehensive Scale for Predicting New-onset Care-need in Older Taiwanese. 2013-2015
- Chang, Chia-Yu. Building Dementia Friendly Communities - An Exploratory Study of Knowledge, Attitudes and Media Representation. (Proposal 2019)
- Yang, Ya-Hui. The Outcomes of the Diabetes Shared Care Program and the Factors Related to the Program. (Proposal 2019)
- Liu, Peggy. Development of Digital Health Literacy Measurement Tools in Taiwan. (Proposal 2019)

Master Thesis Advising

- Hsieh, Hsiu-Mei. 2007. An Investigation on the Use and Factors of Community Long-Term Care Service Among Citizens of Taichung City. (Co-advisor: Dr. Yue-Juan Hu)
- Shao, Shiu-Lin. 2007. A Pilot Study on the Treatment Effect of Quantum Wave Resonance in Human Pain and Disorder. (Co-advisor: Dr. Chung-Pin Liao)

- Liu, Nai-Yu. 2007. The Relations of Health Promotion in Elder and Medical Services Use. (Co-advisor: Dr. Shu-Hsin Lee)
- Huang, Hsiu-Chen. 2008. Factors Associated with Dialysis Modality Choice for ESRD Patients from a Medical Center in Mid-Taiwan.
- Chen, Tu-Wen. 2008. Effectiveness of diabetes mellitus health education for middle and elderly aged patients in the rural area: An example from a regional hospital in Mid-Taiwan.
- Tao, Wen-Chi. 2009. Associated Factors to Volunteering Participation for Community Elderly.
- Wang, Su-Han. 2010. Influence of stroke history on physical and mental health and health care utilization of the middle-aged and elderly population in Taiwan
- Hsu, Yi-Min. 2010. On the Study of Sleep Apnea Severity and Sleepiness in Patients with Sleep Disorders.
- Lin, Chiu-Hui. 2011. A study of quality of life for pre-school children in mid-income families.
- Lai, Ting-Wen. 2011. Parental Stress and Quality of Life for the primary care givers of pre-school children in the mid-income families.
- Yang, Chi_Kun. 2011. A Clinical Predictive Model in the Evaluation of Patients with Obstructive Sleep Apnea in Taiwan.
- Tsai, Ming-Yu. 2011. The Exploration of Oral Health Behaviors and Dental Care Utilization in Taiwan.
- Yen, Hui-Ju. 2012. The Efficiency of a Positive Psychological Growth Group Intervention Program on Well-being and Quality of Life among the Elderly in Community.
- Chuang, Wen-Ling. 2012. The Efficiency Of Home Based Rehabilitation On Improving Burden And Quality Of Life Among Care Givers Of Long Term Care Patients
- Chen, Ya-Hui. 2012. Using A Reclassification Method To Evaluate The Improvement Of Mini Nutritional Assessment-Taiwan Version In Predicting The Mortality Of Older Taiwanese.
- Yang, Wan-Ling. 2014. The Association of Hearing Impairment with Depression Syndromes and Life Satisfaction in Older Taiwanese.
- Pai, Yin-Ju. 2014. A Cross-Sectional Relationship Between the Intake of Sugar-Sweetened Beverages and Abnormal Serum Uric Acid in Seventh-Grade Students.
- Chiu, Hsing-Ping. 2014. Longitudinal Associations of Body Mass Index and Physical Activity with the Decline of Walking Ability in Older Taiwanese.
- Yang, Yu-Yen. 2014. A Study on the Morbidity of Tuberculosis Using Changhua Community-Based Integrated Screening Data.
- Liao, Tsai-Feng. 2014. Cross-Sectional Associations of Hemoglobin A1c with Community Periodontal Index and Oral Health Impact Profile in Type 2 Diabetic Patients: a Result from a Public Health Center in Mid-Taiwan.
- Chen, Tzu-Jung. 2015. Associations Between Reading Habits and Cognitive Decline in older Taiwanese.
- Li, Hong-Ling. 2016. A Follow-up Study of Smoking Behaviors among Frist Year Junior and

- Senior High School Students in Nantou County.
- He, Jin-Mam. 2016. Analysis of Cardiovascular Disease Risk Assessment Tools and Coronary Artery Diseases.
- Chen, Tung-Mei. 2016. The Body Constitution Status in Coronary Artery Disease Patient and Its Influence Factors. (Co-advisor: Dr. Jun-Dai Lin)
- Wang, Chun-Chieh. 2016. Association Between the Change in Serum Albumin Level and Clinical Outcomes in Patients with Prolong Mechanical Ventilation.
- Tseng, Shih-Huai. 2018. Differences in Intention to Drug Use Between the Students and the Community Adults – An Example from Yunlin County
- Tsou, Chiu-Fen. 2018. The Regular Oral Scaling and Subjective and Objective Oral Health Profiles among Middle-Aged Taiwanese: a Cross-Sectional Study in a Clinic
- Chen, Hou-Liang. 2018. Treatment Outcomes and Treatment Retention Rate Analysis among Outpatients in a Psychiatric Center
- Yu, Hui-Ling. 2018. Duration of Survival Time of Vascular Access in Hemodialysis Patients and Its Related Factors
- Sun, Hung-Yu. 2020. The Association of Cigarette Smoking, Alcohol Drinking and Betel Nuts Chewing with Metabolic Syndrome and Hyperuricemia in Xinyi Township Adults
- Shen, Yi-Chen. 2020. A Study of Associations between Various Sources of Perceived Stress and Cognitive Function among Older Taiwanese
- Liu, Tzu-Maio. 2020. The Differences in Social Connection and Subjective Well-being between Middle-aged Working Women and Non-Working Women
- Chen, Ya-Ching. 2020. Satisfaction with Patient-Controlled Intravenous Morphine or Fentanyl Pump and Its Associated Factors for Postoperative Patients.
- Lin, Song-Yi. 2020. The Effectiveness of a Multi-Component Exercise Training on the Improvement of Functional Fitness and Frailty for Older People in the Community.

TEACHING COURSES

Undergraduate

- Fundamental Statistics (a course in College of Management)
- Introduction to Public Health (Organizer)
- Biostatistics
- Epidemiology
- Applications of Software in Statistics
- Presentation and Communication
- Practice in Health Management (Organizer)
- Health Statistics

Research Project

Master Program

Data Management and Statistics

Advanced Biostatistics

Thesis Seminar

Master - International Program

Epidemiology

Thesis Seminar

Biostatistics

Doctoral Program

Advanced Biostatistics

Advanced Thesis Seminar

Independent Study

RESEARCH

Research Interests:

Biostatistical methods; Epidemiological research; Preventive Medicine; Health promotion; Risk prediction; Statistical genetics

Grants & Contracts (Institute supported grants)

Active

- 2020 Principle Investigator. Assessment of Knowledge and the Effectiveness of a Health Educational Program on Drug Addiction Treatments. (Yunlin County Government)
- 2020 Principle Investigator. The associations of perceived hearing loss with social participation, physical function, and cognitive function, and their mediation effects on mortality among older Taiwanese. (Ministry of Science and Technology, MOST)
- 2020 Principle Investigator. 2020 Survey of Living Condition and Welfare Demand of Older People in Nantou County. (Nantou County Government) [with Co-PI: Dr. Cheng-Chia Yang]
- 2020 Co-Principle Investigator. The effectiveness of a health educational intervention on improving constipation among primary school children and the knowledge and attitude toward constipation among their parents. (Asia University Hospital) [with PI: Dr. I-Chin Lin]

Completed

- 2006 Principle Investigator. Test of linkage by incorporating linkage and transmission information from case-parent triad family data. (MOST)
- 2008 Principle Investigator. Robust candidate-gene association tests for quantitative traits. (Asia University)
- 2008 Principle Investigator. A robust association test adaptively using information of genetic models. (MOST)
- 2009 Principle Investigator. A robust quantitative trait association test for sibships in nuclear families. (MOST)
- 2010 Principle Investigator. On the study of familial aggregation of a quantitative trait. (MOST)
- 2011 Principle Investigator. Regression analysis methods for assessing familial aggregation of a disease trait. (MOST)
- 2012 Principle Investigator. Robust test methods for genetic association. (Asia University)
- 2013 Principle Investigator. Modifying the Mini-Nutritional Assessment short-form to become a mini geriatric multidimensional screening tool for the elderly Taiwanese. (Asia University)
- 2013 Principle Investigator. A robust linkage analysis method for case-parents tetrad families. (MOST)
- 2013 Principle Investigator. Effectiveness of Long-term Care Services on Quality of Life, Depressive Symptoms, and Burden of Care-givers. (Miaoli County Government)
- 2013 Principle Investigator. 2010 & 2011 Cancer Registry Annual Report. (Cheng Ching Hospital Chung-Kang Branch)
- 2015 Principle Investigator. A study on the power robustness and the improvement for robust association tests for a quantitative trait using child-parent triad families. (MOST)
- 2016 Co-Principle Investigator. Identifying small molecules compounds for the treatment of multidrug-resistant cancers. (China Medical University Hospital)
- 2017 Principle Investigator. Assessment of Knowledge and the Effectiveness of a Health Educational Program on Drug Addiction Treatments. (Yunlin County Government)
- 2018 Principle Investigator. The longitudinal associations of hearing impairment with depressive symptoms and cognitive function among older Taiwanese (MOST)
- 2018 Principle Investigator. Assessment of Knowledge and the Effectiveness of a Health Educational Program on Drug Addiction Treatments. (Yunlin County Government)
- 2019 Principle Investigator. Predictors of future need of long-term care and construction of its screening tool for older Taiwanese (MOST)
- 2019 Principle Investigator. Assessment of Knowledge and the Effectiveness of a Health Educational Program on Drug Addiction Treatments. (Yunlin County Government)

Peer-reviewed publications (2007-2020):

1. Chen CD, Hsiao CY, Hsu HC, Tsai MH, **Wang JY**. (2007) The Risk Factor of Adolescent Depressive Symptoms in a Family Medicine Clinic. *Taiwan Journal of Family Medicine*, 17(3): 158-167. [in Chinese]
2. Chen JJH, **Wang JY**, Chang YM, Su SY, Chang CT, Sun SS, Kao CH, Lee CC. (2007) Regional cerebral blood flow between primary and concomitant fibromyalgia patients: a possible way to differentiate concomitant fibromyalgia from the primary disease. *Scandinavian Journal of Rheumatology*, 36: 226-232.
3. Hsu SY, **Wang JY**, Liao HE (2007) Factors which Influence the Willingness of Injection Drug Users to Participate in the Harm Reduction Program. *Taiwan Journal of Public Health*, 26: 292-302. [in Chinese]
4. Hsu SY, **Wang JY**, Jiang DDS, Yang HT, Liao HE, Lin CM, Kao KY. (2007) Risk Factors for Acquiring Human Immunodeficiency Virus (HIV) Infection among Injection Drug Users *Taiwan Epidemiology Bulletin*, 23(10):549-560.
5. **Wang JY**, Hou CD, Tai JJ (2008) A robust linkage analysis method using combined allele sharing and transmission disequilibrium information from case-parent tetrad families. *Annals of Human Genetics*, 72(4): 575-587.
6. Jiang DW, Chuang YF, Yang NP, Hsu HC, **Wang JY**. (2008) Knowledge, Attitude and Practice toward Hand Hygiene among Health Care Workers in a General Hospital. *Infection Control Journal*, 18(2): 12-24. [in Chinese]
7. **Wang JY** and Tai JJ. (2009) Robust quantitative trait association tests in the parent-offspring triad design: Conditional likelihood-based approaches. *Annals of Human Genetics*, 73(2): 231-244.
8. Chen TW and **Wang JY***. (2009) Effectiveness of the diabetes shared care network for middle-aged and elderly patients in a rural area of Taiwan. *Taiwan Journal of Public Health*, 28: 334-343. [in Chinese]
9. Hsu HC, Wang CH, Chen YC, Chang MC and **Wang J**. (2010) Evaluation of a community-based successful aging intervention program. *Educational Gerontology*, 36(7): 547-572.
10. Chang PY, Chang SW and **Wang JY**. (2010) Assessment of corneal biomechanical properties and intraocular pressure with Ocular Response Analyzer in childhood myopia. *British Journal of Ophthalmology*, 94(7): 887-881.
11. Tsai AC, Yang SF and **Wang JY**. (2010) Validation of the Taiwanese-specific Mini-Nutritional Assessment (MNA) with four-year follow-up mortality data of a

- nationally representative longitudinal cohort study. *British Journal of Nutrition*, 104(1): 93-99.
12. Huang HC, **Wang JY***, Chang CC, Chiu PF, Chiang MC, Yang Y. (2010) Non-clinical factors associated with receipt of dialysis modality for ESRD patients in Taiwan. *Peritoneal Dialysis International*, 30(6): 638-643.
 13. Hsu SY, Liao HE, Hurng BS, Lin BH, Kao KY and **Wang JY***. (2010) A Study of the Changes in Parental Intent to Approve Influenza Vaccine Inoculation for Their low-grade Primary School Children in Yunlin County. *Taiwan Journal of Public Health*, 29(4): 326-336. [in Chinese]
 14. Huang HC, **Wang JY**, Khang YC, Wu FM, Chang CC. (2011) The considerations of patients with chronic kidney disease to determine dialysis modality. *Kidney and Dialysis*, 23: 71-76. [in Chinese]
 15. Wang SH, Hsieh CE, Chang YY, Lin HC, **Wang JY**, Chen YL. (2012) Experience of Organ Donation in Changhua Christian Hospital in Taiwan since 2001-2010. *Taiwan Critical Care Medicine*, 13(1): 1-9. [in Chinese]
 16. Wang SH, Hsieh CE, **Wang JY**, Lin HC, Lin ZZ, Chen YL. (2012) Predisposing Factors of Delirium for Alcoholic Liver Cirrhosis with Living Donor Liver Transplantation in the Intensive Care Units. *Taiwan Critical Care Medicine*, 13(4): 178-184. [in Chinese]
 17. Li CH, **Wang JY***, Lin YJ. (2012) Health-related Quality of Life and Related Factors among Chronic Stroke Patients in Rehabilitation Outpatient Clinics. *The Journal of Long-term Care*, 16(2):143-158.
 18. **Wang JY**, Chen LC, Lin HM. (2012) Robust methods for detecting familial aggregation of a quantitative trait in matched case-control family studies. *Journal of Applied Statistics*, 39(10):2097-2111.
 19. Tsai AC, **Wang JY**, Chang TL, Li TY. (2013) A Comparison of the full Mini Nutritional Assessment, short-form Mini Nutritional Assessment, and Subjective Global Assessment to predict the risk of protein-energy malnutrition in patients on peritoneal dialysis--a cross-sectional study. *International Journal of Nursing Studies*, 50(1):83-89.
 20. Chen LC, **Wang JY***. (2013) Testing the fit of the logistic model for matched case-control studies. *Computational Statistics and Data Analysis*, 57(1):309-319.
 21. Tsai AC, Lee LC and **Wang JY**. (2013) Complementarity of the Mini-Nutritional Assessment and Activities of Daily Living for predicting follow-up mortality risk in elderly Taiwanese. *British Journal of Nutrition*, 109(4):658-666.

22. **Wang JY**, Tsai AC. (2013) The short-form Mini-Nutritional Assessment is as effective as the full-Mini Nutritional Assessment in predicting follow-up 4-year mortality in elderly Taiwanese. *Journal of Nutrition, Health and Aging*, 17(7):594-598.
23. Tsai AC, Chang TL, **Wang JY**. (2013) Short-form Mini-Nutritional Assessment with either BMI or calf circumference is effective in rating the nutritional status of elderly Taiwanese -- results of a national cohort study. *British Journal of Nutrition*, 110(6):1126-1132.
24. Wang SH, Hsieh CE, **Wang JY**, Lin HC, Lin PY, Chen YL. (2013) Factors Associated with Delirium in Intensive Care Units of Non-alcoholic Cirrhotic Patients Who Received Living Donor Liver Transplantation. *Formosan Journal of Medicine*, 17(6):610-616. [in Chinese]
25. Tsai AC, Chi SH, **Wang JY**. (2013) Cross-sectional and longitudinal associations of lifestyle factors with depressive symptoms in ≥ 53 -year old Taiwanese - results of an 8-year cohort study. *Preventive Medicine*, 57(2):92-97.
26. Wang SH, **Wang JY***. (2013) The decline in physical and mental health among older chronic stroke patients in Taiwan. *Taiwan Journal of Public Health*, 32(4):383-392. [in Chinese]
27. Lee LC, Tsai AC, **Wang JY**, Hsu HC, Hurng BS, Tsai HJ (2013) Need-based intervention is an effective strategy for improving the nutritional status of older people living in a nursing home--a randomized controlled trial. *International Journal of Nursing Studies*, 50(12):1580-1588.
28. Chen YR, Tsai AC, **Wang JY**. (2013) The Combined Effect of Physical Activity and Fruit-Vegetable Consumption on New-Onset Diabetes in Older Taiwanese. *Taiwan Journal of Public Health*, 32(6):551-561. [in Chinese]
29. Wang SH, **Wang JY**, Lin PY, Hsieh CE, Lin HC, Chen YL. (2014) Predisposing risk factors for delirium in living donor liver transplantation patients in intensive care units. *PLoS One*, 9(5):e96676.
30. Hsu WC, **Wang JY**, Chen YC, Ding LL, Chang SC, Wang BM, Chung NN. (2014) Alterations in the Quality of Life and Complication for Patients with Nasopharyngeal Carcinoma Status Post-treatment. *Therapeutic Radiology and Oncology*, 21(3):201-209.
31. Chiu HP, Tsai AC, **Wang JY***. (2014) Combined effect of Body Mass Index and physical activity on the decline in walking ability amongst older Taiwanese. *Taiwan Journal of Public Health*, 33(6):637-648. [Best Master's Thesis Award]
32. Tsai AC, Hsu WC, **Wang JY**. (2014) The Mini Nutritional Assessment (MNA) predicts care need in older Taiwanese: results of a national cohort study. *British Journal of Nutrition*, 111(11):1977-84.

33. Hsu MF, Ho SC, Kuo HP, **Wang JY**, Tsai AC. (2014) Mini-nutritional assessment (MNA) is useful for assessing the nutritional status of patients with chronic obstructive pulmonary disease: a cross-sectional study. *Journal of Chronic Obstructive Pulmonary Disease*, 11(3):325-332.
34. **Wang JY**, Tai JJ. (2015) Adaptive robust genetic association tests using case-parents triad families. *Biometrical Journal*, 57(3):453-467.
35. Tsai AC, Chi SH, **Wang JY**. (2015) Association of perceived stress with depressive symptoms in older Taiwanese: Results of a population-based study. *Geriatrics & Gerontology International*, 15(5):535-543.
36. Chen TJ, **Wang JY*** (2015) Association between reading and cognitive decline in older Taiwanese people. *Taiwan Journal of Public Health*, 35(1):94-104. [Best Master's Thesis Award]
37. Lee LC, Tsai AC, **Wang JY**. (2015) Need-based nutritional intervention is effective in improving handgrip strength and Barthel Index scores of older people living in a nursing home: a randomized controlled trial. *International Journal of Nursing Studies*, 52(5):904-912.
38. Hsu WC, Tsai AC, **Wang JY***. (2016) Calf circumference is more effective than Body Mass Index in predicting emerging care-need of older adults--results of a national cohort study. *Clinical Nutrition*. 35(3): 735-740.
39. Chi SH, **Wang JY**, Tsai AC. (2016) Combined association of leisure-time physical activity and fruit and vegetable consumption with depressive symptoms in older Taiwanese: Results of a national cohort study. *Geriatrics & Gerontology International*, 16(2):244-251.
40. Ho SC, **Wang JY**, Kuo HP, Huang CD, Lee KY, Chuang HC, Feng PH, Chen TT, Hsu MF. (2016) Mid-arm and calf circumferences are stronger mortality predictors than Body Mass Index for patients with chronic obstructive pulmonary disease. *International Journal of Chronic Obstructive Pulmonary Disease*, 11(1):2075-2080.
41. Hsu WC, Chen LC, **Wang JY***. (2017) Predicting emerging care-need with simple functional indicators--findings from a national cohort study in Taiwan. *Geriatrics & Gerontology International*, 17(3):375-381.
42. Wang SH, Lin PY, **Wang JY**, Lin HC, Hsieh CE, Hsu YL, Chen YL (2017) Mental health status after living donor hepatectomy. *Medicine*, 96(19):e6910.
43. Hsu WC, Tsai AC, Chen YC, **Wang JY***. (2017) Predicted factors for older Taiwanese to be healthy octogenarians: results of an 18-year national cohort study. *Geriatrics & Gerontology International*, 17(12):2579-2585.

44. Hsu HC, **Wang JY**, Tung HJ, Hsu SW, Chuang SW. (2017) Inequality in Internet Use across Areas and Older Adults in Taiwan. *Journal of Healthcare Communications*, 2(4): 55.
45. Chou CY, Chang YT, Yang JL, **Wang JY**, Lee TE, Wang RY, Hung CC. (2017) Effect of Long-term Incretin-Based Therapies on Ischemic Heart Diseases in Patients with Type 2 Diabetes Mellitus: A Network Meta-analysis. *Scientific Reports*, 7(1):15795.
46. Chen JH, Yang JL, Chou CY, **Wang JY**, Hung CC. (2018) Indirect comparison of efficacy and safety between immune checkpoint inhibitors and antiangiogenic therapy in advanced non-small-cell lung cancer. *Scientific Reports*, 8:9686.
47. Chang PY, **Wang JY**, Chang SW, Chang YC. (2018) Changes in Ocular Hypotensive Drug Usage for Glaucoma Treatment after Cataract Surgery: A Nationwide Population-Based Study in Taiwan. *Journal of Glaucoma*, 27(7):600-605.
48. Wang RY, Chen HJ, Huang CL, **Wang JY**, Lee TE, Lee HY, Hung CC. (2018) Impacts of GRIN3A, GRM6 and TPH2 genetic polymorphisms on quality of life in methadone maintenance therapy population. *PLOS One*, 13(7):e0201408
49. Hsu HC, Chuang SH, Hsu SW, Tung HJ, Chang SC, Lee MM, **Wang JY**, Kuo LT, Tseng FY, Po AT (2019) Evaluation of a successful aging promotion intervention program for middle-aged adults in Taiwan. *Global Health Promotion*, 26(1):81-90.
50. Hsu HC, Lin XI, **Wang JY**, Ou WC (2019) Comparison of the Taiwanese versions of the ACE-III, MMSE, and MoCA for Screening Mild Cognitive Impairment Among Older Taiwanese People *International Journal of Gerontology*, 13(2):162-166.
51. Hsu WC, **Wang JY**, Tsai AC (2019) Predictors of developing a new need for long-term care of older adults aged ≥ 70 years: Results from a population-based cohort study in Taiwan. *Geriatrics & Gerontology International*, 19(7):641-646.
52. Chang LS, **Wang JY***. (2019) Age differences in the longitudinal associations of leisure-time physical activity and depressive symptoms with cognitive decline in older Taiwanese. *Aging & Mental Health*, [Epub ahead of print]
53. Chen LC, **Wang JY*** (2020) Discussion of “Assessing the goodness-of-fit of logistic regression models in large samples: A modification of the Hosmer-Lemeshow test,” by Giovanni Nattino, Michael L. Pennell, and Stanley Lemeshow. *Biometrics*, 76: 569-571.
54. Chang PY, **Wang JY**, Wang JK, Yeh SC, Chang SW (2020) Asymmetry Analysis of Optical Coherence Tomography Angiography Macular Perfusion Density Measurements in Preperimetric and Perimetric Glaucoma. *Scientific Reports*, 10: 14781.
55. Liu P, Yeh LL*, **Wang JY**, Lee ST (2020) Relationship between Levels of Digital Health Literacy Based on the Taiwan Digital Health Literacy Assessment and Accurate Assessment of Online Health Information: Cross-Sectional Questionnaire Study. *Journal*

of Medical Internet Research (in press)

56. Widyasari V, Ferry, Lin KH, **Wang JY*** (2020) The effectiveness of health services delivered by community health workers on outcomes related to non-communicable diseases among elderly people in rural areas: a systematic review. (submitted)
57. Liu P, **Wang JY*** (2020) A Taiwanese Version of the Digital Health Literacy Instrument: Reliability, Validity, and Its Application in the Study of e-Health Literacy of Taiwanese Adults. (submitted)
58. Widyasari V, Putra KT, **Wang JY*** (2020) COVID-19 Related Web Search Behavior: An Analytical Study of Google Trends-based Query Volumes in Indonesia. (submitted)
59. Hsu YM, Chang TS, Chu CL, Hung SW, **Wang JY*** (2020) Digital-based learning in the improvement of the knowledge, attitude, and behavioral intention toward COVID-19 for Nurse Aides. (submitted)
60. Sia HK, Kor CT, Tu ST, Liao PY, **Wang JY*** (2020) Effect of self-monitoring of blood glucose on glycemic control in newly diagnosed non-insulin-treated type 2 diabetes patients : A retrospective observational study. (submitted)