

# Curriculum Vitae

Aug, 2023

**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

**Ph.D., Graduate Institute of Epidemiology, College of Public Health,  
National Taiwan University**

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

Thesis Advisor: Professor John Jen Tai

## AFFILIATIONS

### Academic Appointments

2015-Present	Professor, Department of Healthcare Administration, College of Medical and Health Science, Asia University
2020-Present	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	Chairman, Department of Healthcare Administration, Asia University
2022-Present	Executive Director, Yu-Shan Health Services Administration Association
2019-Present	Chair, Curriculum Committee, Department of Healthcare Administration, Asia University
2019-Present	Chair, Student Internship Committee, Department of Healthcare Administration, Asia University
2019-Present	Member, Teacher Review Committee, College of Medical and Health Science, Asia University
2017-Present	Consultant, Medical Research & Teaching Center, Asia University Hospital
2014-Present	Consultant, Medical Research & Teaching Center, Tsao-Tun Psychiatric Center
2014-Present	Advisor, Department of Medical Research, China Medical University Hospital
2013-2022	Director, Yu-Shan Health Services Administration Association
2020-2021	Member, Special Education Implementation Committee, Asia University
2019-2021	Chair, Department Evaluation and Development Committee Department of Healthcare Administration, Asia University
2015-2019	Member, University Development Committee, Asia University
2015-2018	Advisor, Medical Research & Teaching Center, Jen-Ai Hospital Dali Branch
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	Chairman, Department of Healthcare Administration, Asia University
2007-2008	Committee of Library and Information Services, Asia University

## HONORS & AWARDS

2023	NSTC supported Special Excellent Researcher Award
2022	NSTC supported Special Excellent Researcher Award
2022	Research Award, Asia University
2021	Research Award, Asia University
2020	Research Award, Asia University
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
2014	Research Award, Asia University

## SERVICES

### Academic Services

2023	Reviewer, Integrated Research Projects, Cross-discipline Integration of Forward-Looking Medical Technology (Medicine + X) Projects, National Tsing Hua University
2023	Reviewer, Research Projects, National Science and Technology Council
2023	Reviewer, Evaluation for Faculty Promotion of Central Taiwan University of Science and Technology
2022	Reviewer, Research Projects, National Science and Technology Council
2022	Reviewer, Evaluation for Faculty Promotion of National Taipei University of Nursing and Health Sciences
2022	Reviewer, Evaluation for Faculty Promotion of Meiho University
2022	Reviewer, Evaluation for Faculty Promotion of Tzu Chi University of Science and Technology
2022	Reviewer, Evaluation for Faculty Promotion of Jenteh Junior College of Medicine, Nursing and Management
2021	Reviewer, Research Projects, Ministry of Science and Technology
2021	Evaluation Committee Member, Universities and Colleges Teaching Quality Assurance Service Plan, Taiwan Assessment and Evaluation Association
2021	Reviewer, Evaluation for Faculty Promotion of Yuanpei University of Medical Technology
2021	Reviewer, Evaluation for Faculty Promotion of Meiho University

2021	Reviewer, 2021 (Interdisciplinary∩Innovation)   Change starts with yourself & 2021 The Annual Meeting of Yu-Shan Health Services Administration Association
2021	Reviewer, Hospital Management and Research Project Award, Chang C. W. Foundation
2020	Reviewer, Evaluation for Faculty Promotion of Meiho University
2020	Reviewer, Research Projects, Ministry of Science and Technology
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
2016	Member, University Self-Evaluation Committee, Asia 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**

Aging  
 Aging & Mental Health  
 BMC Geriatrics  
 BMC Psychiatry  
 BMC Public Health  
 Complementary Therapies in Medicine  
 European Journal of Aging  
 Frontiers in Nutrition  
 Frontiers in Psychology  
 Hospital

Health & Social Care in the Community  
International Journal of Environmental Research and Public Health  
International Journal of Gerontology  
International Journal of Industrial Ergonomics  
Journal of Applied Statistics  
Journal of Medical Internet Research  
PLOS ONE  
SAGE Open Medicine  
Scientific Reports  
Taiwan Journal of Public Health

## **Consultant or Lecture Instructor**

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

## **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)
- Liu, Peggy. 2020. The Study on the Development of Taiwan's Digital Health Literacy Measurement Assessment. (Co-advisor; Major advisor: Dr. Ling-Ling Yeh)
- Sia, Hon-Ke. 2021. Association of Self-care Factors and Life Styles with Glycemic Control among Adult Patients with Newly Diagnosed Diabetes Mellitus: a Longitudinal Observational Study
- Widyasari, Vita. 2021. Government response and community mobility amidst the COVID-19 pandemic in Southeast Asia.
- Liu, Cheng. 2022. Effects of Binaural Beat Technology Music and its Combination with Strobe Therapy for Reducing Anxiety of Daycare Center Staff During the COVID-19 Pandemic (Co-advisor; Major advisor: Dr. Shen-Yu Yang)
- Pentrakan, Amarawan. 2022. The Impact of Introducing an Electronic Bidding System on Public Pharmaceutical Procurement. (Co-advisor; Major advisor: Dr. Wing-Keung Wong)
- Chang, Cheng-Fen. 2022. Translation, Validation, and Application of the Taiwanese SF-SarQoL: a Short Version Quality of Life Questionnaire Specific to Sarcopenia.
- Yang, Ya-Huei. 2023. Improvement of the Diabetes Shared Care Program on Metabolic Indices of Taiwanese Patients with Type 2 Diabetes: a Longitudinal Data Analysis from a Public Health Center and a Systematic Review and Meta-Analysis.
- Chang, Chia-Yu 2023. Relationship between Knowledge and Types of Attitudes toward with Dementia in the General Population: A Mixed Method Research Study. (Co-advisor; Major advisor: Dr. Hui-Chuan Hsu)

## **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)
- Sheng, Yen-Wen. Study on the newly developed horizontal mouth expander and evaluation of

- the clinical effectiveness for patients with oral submucosal fibrosis. 2020
- Yang, Jia-Lian. Using TCGA to Identify New Treatment Strategy for Muscle Invasive Bladder Cancer: From Database to Mechanism Investigation. 2021
- Chen, Hsiao-Ching. A Longitudinal Study of Intention to Stay and Turnover Behavior among Novice Certified Caregivers. 2021-2022

## **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, Shiuan-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 First 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.
- Kung, I-Chun. 2021. A Comparison of Medical Care Quality and Medical Resources Utilization between Traditional and Minimally Invasive Spine Surgery: an Example from



- a Regional Teaching Hospital in Central Taiwan.
- Huang, Ya-Chi. 2022. The Epidemiology of Drug-Resistant Bacteria among Residents in Long-Term Care Institutions: A Study of a Regional Teaching Hospital in Central Taiwan.
- Li, Ling-Mei. 2022. Effectiveness of Using Intelligent Robots for a Multi-Sensory Intervention on the Improvement of Mental and Behavioral Symptoms among Older People with Dementia in a Long-Term Care.
- Xie, Wan-Ting. 2022. Associated Factors of Influenza Vaccination among Pregnant Women in Taiwan. (Co-advisor; Major advisor: Dr. Yu-Chia Chang)
- Hsu, Hsueh-Hsia. 2022. A study of the association between job characteristics and occupational burnout for outpatient assistants.
- Lin, Tzu-Chieh. 2022 Associations of Sarcopenia with Functional Fitness and Frailty among Community-dwelling Older People in Central Taiwan.
- Yang, Tsai-Ho 2022. Changes in Quality of Sleep and Mental Health Measures in Patients with Psychiatric before and after Pickleball Exercise Intervention. (Co-advisor; Major advisor: Dr. Shen-Yu Yang)
- Chen, Yu-Feng. 2023. Case Managers' Working Experience with Drug Addiction: An Example from a Pilot Project Establishing an Integrated Drug Addiction Medical Demonstration Center. (Co-advisor; Major advisor: Dr. Shu-Nu Chang-Lee)
- Chu, Shih-Hsin. 2023. Psychosocial Factors and Life Adaptation of Drug Addicts in Relation to Drug Reuse after Drug Addiction Therapeutic Community Treatment.

## 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

### *Doctoral Program*

Advanced Biostatistics  
 Seminar  
 Independent Study  
 Skills for Academic Writing  
*Master - International Program*  
 Epidemiology  
 Seminar  
 Special Topics in Biostatistics  
 Independent Study

## RESEARCH

### Research Interests:

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

### Grants & Contracts (Institute supported grants)

#### Active

- 2023     Principle Investigator. Health-related quality of life of older adults with cognitive impairment: development and validation of questionnaires, follow-up assessments, and their associated factors. (National Science and Technology Council, NSTC)
- 2022     Principle Investigator. Progression of mild cognitive impairment in older Taiwanese: incidence rates of dementia, reversion rates of normal cognitive function, and their predictors. (National Science and Technology Council, NSTC)
- 2022     Principle Investigator. A study on patterns of emergency utilization and its associated factors among patients with dementia receiving home-care nursing. (Asia University and China Medical University Hospital Research Platform)
- 2022     Co-Principle Investigator. Risk of suicide attempt-related hospitalizations and completed suicide in patients with dementia, and the effect of psychiatric services utilization on suicide death for patients with dementia. [with PI: Dr. Chih-Ching Liu]
- 2022     Principle Investigator. Career Program: 2022 Practical program in long-term care. (Ministry of Labor)

#### 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)
- 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. (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]
- 2021 Principle Investigator. Trend of people's cognition of drug abuse and drug addiction treatments in Yunlin: a three-years survey analysis. (Yunlin County Government)
- 2021 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)
- 2021 Principle Investigator. Career Program: 2021 Practical program in long-term care. (Ministry of Labor)
- 2021 Co-Principle Investigator. Relationships of dementia with depression and its co-morbidity effect on the health utilization and risk of suicide. (Ministry of Science and Technology, MOST) [with PI: Dr. Chih-Ching Liu]
- 2021 Principle Investigator. Development and validation of sarcopenia quality of life–Taiwanese version (SarQoL-TW). (Asia University and China Medical University Hospital Research Platform)

### **Peer-reviewed publications:**

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  $\geq 53$ -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.
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