

職 稱	副教授暨護理系副主任	姓 名	辜美安	
系 所	慈濟科技大學長期照護研究所			
電 郵	mkoo@ems.tcust.edu.tw			
教學經歷				
畢／肄業學校	國別	主修學門系所	學位	起訖年月
多倫多大學	加拿大	公共衛生流行病學	博士	1992-2000
多倫多大學	加拿大	營養學	碩士	1987—1990
服務機關	服務部門／系所	職稱	起訖年月	
現職：				
慈濟科技大學	長期照護研究所	副教授	2018 年迄今	
多倫多大學	公共衛生學院	客座教授	2005 年迄今	
經歷：				
大林慈濟醫院	研究部	研究員	2012-2018	
南華大學	自然醫學研究所	副教授兼所長	2005-2010	
多倫多大學	公共衛生學院	助理教授	2001-2005	
授課科目：				
1. 醫學生物統計學 (護理系碩士班)	2. 應用統計學 (長照所)	3. 輔助另類療法 (長照所)	4. 問卷調查法 (長照所)	
獲獎：				
1. 慈濟科技大學 109 學年度學術暨實務優良教師				
2. 慈濟科技大學 108 學年度優良教師				

期刊發表著作 (2017 年至 2022 年)

1. Lu MC, Hsu CW, Lo HC, Chang HH, **Koo M*** (2022) Association of clinical manifestations of systemic lupus erythematosus and complementary therapy use in Taiwanese female patients: A cross-sectional study. *Medicina* 58(7):944. doi:10.3390/medicina58070944 【SCI】
2. Hsieh YH, **Koo M**, Tseng CW* (2022) Factors associated with prolonged cecal insertion time in patients undergoing water exchange colonoscopy. *Journal of Gastroenterology and Hepatology* 37(7):1326–1332. doi:10.1111/jgh.15869 【SCI】
3. Chu JT, Chiang CH, **Koo M*** (2022) Bibliometric analysis of music therapy from 1989 to 2020. [音樂療法之文獻計量分析：1989 年至 2020 年] (in Chinese) *Journal of Health Management* 20(1):57-68.
4. Lin HT, **Koo M*** (2022) From the elderly to seniors: The current status and changes in the word choice to describe older adults in articles in medical and health care journals [從老人到長者：醫藥衛生期刊論文形容高齡者用詞之現況與變遷] (in Chinese) *Gerontological Studies* (accepted) doi:10.29703/JGS.202201_(1).0002
5. **Koo M*** (2022) Are older adults still being described as the elderly in the medical literature? (Letter to the Editor) *Archives of Gerontology and Geriatrics* 101:104714. doi:10.1016/j.archger.2022.104714 【SCI】
6. Leung FW*, Cadoni S, **Koo, M**, Yen AW, Siau K, Hsieh YH, Ishaq S, Cheng CL, Ramirez F, Bak AW, Karnes W, Bayupurnama P, Leung JW, de Groen PC (2022) A survey of colonoscopists with and without in-depth knowledge of water-aided colonoscopy. *Journal of Gastroenterology and Hepatology* doi:10.1111/jgh.15896 【SCI】
7. Chang RY, Ho SHH, Tsai HL, **Koo M*** (2022) Association of anxiety and depression with chronic liver diseases in patients with noncardiac chest pain: A cross-sectional study. *Medicine* 101(31):e29620. doi:10.1097/MD.00000000000029620. 【SCI】
8. Yen AW*, Leung JW, **Koo M**, Leung FW (2022) Safety and effectiveness of underwater cold snare resection without submucosal injection of large non-pedunculated colorectal lesions. *Endoscopy International Open* 10(6):E791–E800. doi:10.1055/a-1784-4523
9. Chiang CH, Chen YH, **Koo M*** (2022) Bibliometric analysis of articles published in the Journal of Long-Term Care from 2003 to 2018. [《長期照護雜誌》之文獻計量分析：2003 年至 2018 年] (in Chinese) *Hungkuang Academic Review* 89:97–110.
10. Hsu CW, Hsu BB, **Koo M**, Lu MC* (2022) Factors associated with intimacy in female Taiwanese patients with systemic lupus erythematosus: A cross-sectional study. *BMJ Open* 12(4):e055754. doi:10.1136/bmjopen-2021-055754. 【SCI】
11. Hsu CW, Chen CY, Lu MC, Chang HH, Lo HC, **Koo M***. Disease-specific quality of life and associated factors in female patients with systemic lupus erythematosus. [影響系統性紅斑

性狼瘡女性患者特定疾病生活品質的相關因子] (in Chinese) *Taipei City Medical Journal*
doi:10.6200/TCMJ.202201/PP.0016

12. Hsieh YH, **Koo M**, Tseng CW* (2022) Comparison of procedural sequences in sedated same-day bidirectional endoscopy with water-exchange colonoscopy: A randomized controlled trial. *Journal of Clinical Medicine* 11(5):1365. doi:10.3390/jcm11051365 【SCI】
13. Chuang TL, **Koo M**, Chuang MH, Lin CH, Huang CH, Wang YF* (2022) Changes in bone mineral density and trabecular bone score over time between vegetarian and non-vegetarian middle-aged and older women: A three-year retrospective medical record review. *International Journal of Environmental Research and Public Health* 19(4):2445. doi:10.3390/ijerph19042445 (Chuang TL and Koo M contributed equally to this work) 【SCI】
14. Chiang HL, Chen CH, **Koo M**, Tsai TY, Wu CH* (2022) Predictors of response to oral medications and low histamine diet in patients with chronic urticaria. *Journal of Immunology Research* 2022: Article ID 5243825. doi:10.1155/2022/5243825 【SCI】
15. Chuang TL, Wang YH, **Koo M***, Chuang MH* (2022) Association of trabecular bone score-adjusted FRAX with coronary artery calcification in women. *Diagnostics* 12:178. doi:10.3390/diagnostics12010178 (Koo and Chuang are co-corresponding authors) 【SCI】
16. Perng SJ, Waton R, Smith GD, Chen CJ, Lee TY, **Koo M***, Sung HC* (2022) Development and validation of a brief version of the traditional Chinese version of Stressors in Nursing Students scale among college nursing students in Taiwan. *Tzu Chi Medical Journal* 34(3):353–357. doi:10.4103/tcmj.tcmj_217_21
17. Hsu CW, Lu MC, **Koo M*** (2022) SAS code and SPSS syntax for the assessment of body constitution based on the Constitution in Chinese Medicine Questionnaire (CCMQ). *Evidence-based Natural Medicine* 4(2):16–25.
18. **Koo M***, Chiang CH (2022) Statistical graphs for publications in medical journals. [醫護期刊論文圖像] (in Chinese) *Formosan Journal of Medicine* 26(2):245–253. doi:10.6320/FJM.202203_26(2).0014
19. Chuang TL, Chuang MH, Wang YH, **Koo M*** (2021) Age-specific normative values of lumbar spine trabecular bone score (TBS) in Taiwanese men and women. *Journal of Clinical Medicine* 10:4740. doi:10.3390/jcm10204740 【SCI】
20. Cheng LC, Chen CJ, **Koo M**, Lin SC* (2022) Learning motivation of nurse practitioners participating in virtual patient-based training. [專科護理師參加虛擬病人教育訓練之學習動機] (in Chinese) *Cheng Ching Medical Journal* 18(1):49–59.
21. Hsieh YH, Lin CC, Tseng CW, **Koo M**, Leung FW* (2021) Heat sink effect of underwater polypectomy in a porcine colon model. *BMC Gastroenterology* 21:406. doi:10.1186/s12876-021-01985-1 【SCI】
22. Lu MC, Lo HC, Chang HH, Hsu CW, **Koo M*** (2021) Factors associated with the use of complementary therapies in Taiwanese patients with systemic lupus erythematosus: A cross-

sectional study. *BMC Complementary Medicine and Therapies* (title changed from *BMC Complementary and Alternative Medicine* in 2020) 21:247. doi:10.1186/s12906-021-03416-w
【SCI】

23. Lu MC, **Koo M*** (2021) Effects of exercise intervention on health-related quality of life in patients with systemic lupus erythematosus: A systematic review and meta-analysis of controlled trials. *Healthcare* 9(9):1215. doi:10.3390/healthcare9091215 【SCI】
24. Lai NS, Lu MC, Lo HC, Chang HH, Hsu CW, Huang KY, Tung CH, Hsu BB, Wu CH, **Koo M*** (2021) Association of traditional Chinese medicine body constitution and health-related quality of life in female patients with systemic lupus erythematosus: A cross-sectional study. *Evidence-based Complementary and Alternative Medicine* 2021:5568219. doi:10.1155/2021/5568219 【SCI】
25. Liang YR, Sung HC*, Su HF, Wang HM, **Koo M** (2021) Feasibility study of dementia care training using virtual reality and mentoring support for home care providers [失智照顧訓練結合電子書、虛擬實境及同儕輔導支持對居家照顧服務員失智照顧知識、態度、能力及同理心影響之可行性初探] (in Chinese) *Journal of Gerontechnology and Service Management* 9(3):257–272. doi:10.6283/JOCSSG.202109_9(3).257
26. **Koo M*** (2021) Systemic lupus erythematosus research: A bibliometric analysis over a 50-year period. *International Journal of Environmental Research and Public Health* 18:7095. doi:10.3390/ijerph18137095 【SCI】
27. Lin SC, Tsai KW, Chang SC, **Koo M*** (2021) Guidelines for clinical care of sarcopenia in older adults. [老年人肌少症之臨床照護指引] (in Chinese) *Journal of Taiwan Nurse Practitioners* 8(1):38–49.
28. Chuang TL, **Koo M**, Chuang MH, Wang YH* (2021) Bone mineral density and hemoglobin levels: opposite associations in younger and older women. *International Journal of Environmental Research and Public Health* 18:5495. doi:10.3390/ijerph18105495. 【SCI】
29. Lai NS, Lu MC, Lo HC, Chang HH, Hsu CW, Huang KY, Tung CH, Hsu BB, Wu CH, **Koo M*** (2021) A comparison of the correlation of systemic lupus erythematosus disease activity index 2000 (SLEDAI-2K) and systemic lupus erythematosus disease activity score (SLE-DAS) with health-related quality of life. *Journal of Clinical Medicine* 10:2137. doi:10.3390/jcm10102137 【SCI】
30. Lu MC, Fan KS, Hsu BB, Hsu CW, **Koo M***, Lai NS* (2021) Increased incidence of total knee and hip replacement surgery in patients with psoriasis: A secondary cohort analysis of a nationwide, population-based health claims database. *Frontiers in Medicine* 8:666802. doi:10.3389/fmed.2021.666802 (Koo and Lai are co-corresponding authors) 【SCI】
31. Chen YH, Chiang CH, Wang HM, Huang CH, **Koo M*** (2021) Experiences and coping strategies of family caregivers of older adults. [高齡者之家庭照顧者經驗與因應策略] (in Chinese) *Taiwan Geriatrics and Gerontology* 16(3):165–175. doi:10.29461/TGGa.202108_16(3).0001

32. Lin SW, Jheng CH, Wang CL, Hsu CW, Lu MC*, **Koo M*** (2021) Risk of dental malocclusion in children with upper respiratory tract disorders: A case-control study of a nationwide, population-based health claim database. *International Journal of Pediatric Otorhinolaryngology* 143:110663. doi:10.1016/j.ijporl.2021.110663 (Koo and Lu are co-corresponding authors) **【SCI】**
33. Su HF, **Koo M**, Lee WL, Sung HC*, Lee RP, Liu WI (2021) A dementia care training using mobile e-learning with mentoring support for home care workers: A controlled study. *BMC Geriatrics* 21:126. doi:10.1186/s12877-021-02075-3 **【SCI】**
34. Chiang CH, **Koo M*** (2021) Predatory conferences [掠奪性研討會] (in Chinese) *Formosan Journal of Medicine* 25(2):293–298. doi:10.6320/FJM.202101_25(1).0019
35. **Koo M***, Chuang TL, Wang YF (2021) Research trends in trabecular bone score: A bibliometric review from 2008 to 2019. *Tzu Chi Medical Journal* 33(3):307-313. doi:10.4103/tcmj.tcmj_256_20
36. **Koo M*** (2021) Research publications during public health emergencies. (Letter to the Editor) *Tzu Chi Medical Journal* 33(1):98–99. doi:10.4103/tcmj.tcmj_40_20
37. Huang SY, **Koo M**, Hsieh TC, Lee RP, Sung HC* (2020) Effect of bright light therapy on depressive symptoms in middle-aged and older patients receiving long-term hemodialysis. *International Journal of Environmental Research and Public Health* 17(21):7763. doi:10.3390/ijerph17217763. **【SCI】**
38. Chuang TL, **Koo M**, Wang YF* (2020) Association of bone mineral density and coronary artery calcification in patients with osteopenia and osteoporosis. *Diagnostics* 10(9):699 doi:10.3390/diagnostics10090699 **【SCI】**
39. Chuang CJ, Hsu CW, Lu MC*, **Koo M*** (2020) Increased risk of developing dental diseases in patients with primary Sjögren's syndrome– a secondary cohort analysis of population-based claims data. *PLoS ONE* doi:10.1371/journal.pone.0239442 [2019 IF=2.74] (Koo and Lu are co-corresponding authors) **【SCI】**
40. Chou CP, Chen CY, Huang KS, Lin SC, **Koo M***, Huang CF* (2020) Factors associated with antihypertensive medications adherence in hypertensive middle-aged Taiwanese adults: Findings from the Taiwan National Health Interview Survey. *Journal of International Medical Research* 48(8):1–10. doi:10.1177/0300060520936176 **【SCI】**
41. Chang RY, Tsai HL, **Koo M***, Guo HR* (2020) Association between renal function impairment and multivessel involvement in patients with acute ST-elevation myocardial infarction. *Aging* 12(11):10863–10872 doi:10.18632/aging.103299 **【SCI】**
42. **Koo M*** (2020) Research publications during public health emergencies. (Letter to the Editor) *Tzu Chi Medical Journal* 2020. doi:10.4103/tcmj.tcmj_40_20
43. Lin TK, Lin CL, Li YD, Huang Y, **Koo M**, Weng CY (2020) Negative affectivity is associated with a higher systolic and diastolic blood pressure in normotensive middle-aged and older adults: a cross-sectional study. *Medicina (Kaunas)* 56(4):160. doi:10.3390/medicina56040160 **【SCI】**

44. Tseng CW, **Koo M**, Hsieh YH* (2020) Cecal intubation time between the use of one- and two-channel water exchange colonoscopy: A randomized controlled trial. *Journal of Gastroenterology and Hepatology* doi:10.1111/jgh.15043 【SCI】
45. Hsu CS, Hsu CW, Lu MC*, **Koo M*** (2020) Risks of ophthalmic disorders in patients with systemic lupus erythematosus – a secondary cohort analysis of population-based claims data. *BMC Ophthalmology* 20(1):96. doi:10.1186/s12886-020-01360-w (Koo and Lu are co-corresponding authors) 【SCI】
46. Hsu CS, Ng KJ, Lu MC, **Koo M*** (2020) Predicting the risk of ischemic stroke among patients with rheumatoid arthritis using a simplified RA-CHADSV score based on the CHA2DS2-VASc score. *Medicina (Kaunas)* 56(2):73. doi:10.3390/medicina56020073 【SCI】
47. Hsieh YH, Tseng CW, **Koo M**, Leung FW* (2020) Feasibility of sedation on demand in Taiwan using water exchange and air insufflation: a randomized controlled trial. *Journal of Gastroenterology and Hepatology* 35(2):256–262. doi:10.1111/jgh.14839 【SCI】
48. **Koo M**, Chen HP, Yeh YC* (2020) Coloring activities for anxiety reduction and mood improvement in Taiwanese community-dwelling older adults: A randomized controlled study. *Evidence-Based Complementary and Alternative Medicine* 2020:6964737. doi:10.1155/2020/6964737 【SCI】
49. Yeh MH, Chiu HP, Wu MC, **Koo M**, Lin NW, Liao KK, Yeh CC*, Li TM* (2020) Integrated Chinese herbal medicine and Western medicine on the survival in patients with colorectal cancer: A retrospective cohort study. *Evidence-Based Complementary and Alternative Medicine* (Yeh MH, Chiu HP, Wu MC, Koo M contributed equally to this work). 2020:4561040. doi:10.1155/2020/4561040 【SCI】
50. Leung FW*, **Koo M**, Jia H, Leung JW, Cadoni S, Falt P, Hsieh YH, Hu CT, Pan Y, Radaelli F (2020) Water exchange (WE) and quality improvement - enhanced advanced adenoma detection --pooled data analysis of six randomized controlled trials. *Journal of Clinical Gastroenterology* doi:10.1097/MCG.0000000000001311 【SCI】
51. Chuang TL, Chuang MH, **Koo M**, Lin CH, Wang YF (2020) Association of bone mineral density and trabecular bone score with cardiovascular disease. *Tzu Chi Medical Journal* 32(3):234–239. doi:10.4103/tcmj.tcmj_234_19
52. Perng SJ, Sung HC*, Chen CJ, Lee TY, **Koo M*** (2020) Low interest in clinical practicum placement is associated with increased stress in nursing students in Taiwan: A cross-sectional survey study. *Nurse Education Today* 84:104241. doi:10.1016/j.nedt.2019.104241 【SCI】
53. Chang RY, Tsai HL, Hsiao PG, Tan CW, Lee CP, Chu IT, Chen YP, **Koo M*** (2019) Association between heart rate recovery after exercise and renal function in patients referred for treadmill exercise test. *PLoS ONE* 14(9):e0222236 【SCI】
54. Hsieh MC, Hsu CW, Lu MC*, **Koo M*** (2019) Increased risks of psychiatric disorders in patients with primary Sjögren's syndrome – a secondary cohort analysis of nationwide,

- population-based health claim data. *Clinical Rheumatology* 38:3195–3203. doi:10.1007/s10067-019-04705-z (Koo and Lu are co-corresponding authors) 【SCI】
55. Lu MC, Huang KY, Tung CH, Hsu BB, Wu CH, **Koo M***, Lai NS* (2019) Factors associated with disease-specific quality of life in Taiwanese patients with ankylosing spondylitis. *BMJ Open* 2019;9:e028966. doi:10.1136/bmjopen-2019-028966 (Koo and Lai are co-corresponding authors) 【SCI】
 56. Ng KJ, Huang KY, Tung CH, Hsu BB, Wu CH, **Koo M**, Hsu CW, Lu MC*, Lai NS* (2019) Modified rheumatoid arthritis impact of disease (RAID) score, a potential tool for depression and anxiety screening for rheumatoid arthritis. *Joint, Bone, Spine* 86(6):805–807. doi:10.1016/j.jbspin.2019.04.007 【SCI】
 57. Chuang MH, Chuang TL, **Koo M***, Wang YF* (2019) Low hemoglobin is associated with low bone mineral density and high risk of bone fracture in male adults: a retrospective medical record review study. *American Journal of Men's Health* 13(3):1557988319850378. doi:10.1177/1557988319850378 (Koo & Wang are co-corresponding authors) 【SCI】
 58. Lin TK, You KX, Hsu CT, Li YD, Lin CK, Weng CY*, **Koo M*** (2019) Negative affectivity and social inhibition are associated with increased cardiac readmission in patients with heart failure: A preliminary observation study. *PLoS ONE* 14(4):e0215726. doi:10.1371/journal.pone.0215726 (Weng & Koo are co-corresponding authors) 【SCI】
 59. Peng SM, Lin HW, **Koo M**, Chan YC* (2019) Improving the nursing care workflow of first aid response prior to the arrival of emergency team in an acute psychiatric ward. [身心科急性病房護理團隊於急救小組到達前之急救流程改善方案] (in Chinese) *VGH Nursing* 36(2):152–161. doi:10.6142/VGHN.201906_36(2).0005
 60. Hsieh YH*, **Koo M** (2019) Some like it cold: Postpolypectomy delayed hemorrhage in anticoagulated patients. (editorial) *Digestive Diseases and Sciences*. doi:10.1007/s10620-019-05562-1 【SCI】
 61. Lin SW, Wang SK, Lu MC, Wang CL*, **Koo M*** (2019) Acute rhinosinusitis among pediatric patients with allergic rhinitis: A nationwide, population-based cohort study. *PLoS ONE* 14(2): e0211547. doi:10.1371/journal.pone.0211547 (Wang & Koo are co-corresponding authors) 【SCI】
 62. Yeh MH, Chao CH, **Koo M**, Chen CY, Yeh CC*, Li TM* (2019) Association of traditional Chinese medicine body constitution and moderate-to-severe cancer-related fatigue in cancer patients. *Complementary Therapies in Medicine* 43:44–48. doi:10.1016/j.ctim.2019.01.004 (Yeh, Chao, & Koo contributed equally to this work) 【SCI】
 63. Leung FW*, **Koo M**, Cadoni S, Falt P, Hsieh YH, Amato A, Erriu M, Fojtik P, Gallittu P, Hu CT, Leung JW, Liggi M, Paggi S, Radaelli F, Rondonotti E, Smajstrla Vit, Tseng CW, Urban O (2019) Water exchange produces significantly higher adenoma detection rate than water immersion: Pooled data from two multisite randomized controlled trials. *Journal of Clinical Gastroenterology* 53(3):201–209. doi:10.1097/MCG.0000000000001012 【SCI】

64. Lin SC, Tsai KW, Chen MW, **Koo M*** (2018) Chronic constipation in the elderly. [老年人慢性便秘] (in Chinese) *Yuan-Yuan Nursing* 12(3):54–59. doi:10.6530/YYN.201811_12(3).0007
65. Hsieh YH, **Koo M**, Tseng CW, Yang HW, Leung FW* (2018) Reduction of multitasking distractions underlies the higher adenoma detection rate of water exchange compared to air insufflation – blinded analysis of withdrawal phase videos. *United European Gastroenterology Journal* 7(2):230–238. doi:10.1177/2050640618817105 (Koo & Hsieh contributed equally to this work) **【SCI】**
66. Ng KJ, Lu MC, Huang KY, Tung CH, Hsu BB, Wu CH, **Koo M**, Hsu CW, Lai NS* (2018) Prevalence and risk factors of osteoporosis among rheumatoid arthritis patients in Taiwan: a single-center retrospective study in southern Taiwan. *Formosan Journal of Rheumatology* 2018;32:10–17. doi:10.6313/FJR.201809_32(1).0002
67. Wang ST, Lu MC, **Koo M**, Huang KY, Tung CH, Lai NS* (2018) Conventional lipid profiles and its relation to inflammatory markers in patients with rheumatoid arthritis. *Formosan Journal of Rheumatology* 2018;32:1–9. doi:10.6313/FJR.201809_32(1).0001
68. Lin SC, Chen YW, **Koo M*** (2018) Analysis of Internet' portrayal of nurses based on images on the World Wide Web. [由網際網路圖像分析護理人員的網路形象] (in Chinese) *Journal of the Humanities and Social Sciences* 18:77–100.
69. **Koo M**, Lai JT, Yang YK, Liu TC, Hwang JH (2018) Incidence of vestibular schwannoma in Taiwan from 2001 to 2012: A population-based national health insurance study. *Annals of Otolaryngology, Rhinology & Laryngology* 127(10):694–697. doi: 10.1177/0003489418788385 **【SCI】**
70. Tseng CW, **Koo M**, Tseng KC, Hsieh YH* (2018) Meperidine for patients expected to have poor tolerance to esophagogastroduodenoscopy: a double-blind, randomized, controlled study. *United European Gastroenterology Journal* 6(9):1307–1315. doi:10.1177/2050640618797821 **【SCI】**
71. Koo M, Lin SC* (2018) Bibliometric analysis of articles published in the Journal of Nursing from 2006 to 2015. [《護理雜誌》文獻計量分析：2006至2015年] (in Chinese) *Journal of China University of Science and Technology* 74:61–73.
72. Lin SC, Tsai KW, Chen MW, **Koo M*** (2018) Chronic constipation in the elderly. [老年人慢性便秘] (in Chinese) *Yuan-Yuan Nursing* (Accepted)
73. Chen PL, Chuang TL, **Koo M**, Liao JG, Wang YF* (2018) The difference between FRAX and TBS adjusted FRAX in the evaluation of 10-year risk of fracture in healthy adults. *Ann Nucl Med Mol Imag* 31:75-82. doi: 10.6332/ANMMI.201806_31(2).0003
74. Hsieh YH*, **Koo M** (2018) Cecal insertion time and the ADR: Patience is good for patient (editorial) *Digestive Diseases and Sciences* doi: 10.1007/s10620-018-5166-5c **【SCI】**
75. Jia H, **Koo M**, Hsieh YH, Tseng CW, Hu CT, Zhang L, Dong T, Pan Y, Leung FW* (2018) Factors associated with adenoma detection in propofol-sedated patients. *Journal of Clinical Gastroenterology* doi:10.1097/MCG.0000000000001080 **【SCI】**

76. Chen YW, Tan PC, **Koo M*** (2018) Analysis of website visibility and content for the nutrition department of hospitals in Taiwan. [營養部在台灣醫院網站的能見度與內容分析] (in Chinese) *Nutritional Sciences Journal* 42(2):39–52. doi:10.6691/NSJ.201806_42(2).0001
77. Lin TK, Tu YR, Chen CW, Lin CL, Lin MN, **Koo M***, CY Weng* (2018) Blood pressure reactivity and recovery to anger recall in hypertensive patients with type D personality. *Acta Cardiologica Sinica* (Koo & Weng are co-corresponding authors) (Accepted) **【SCI】**
78. Kao YH, Liu YT, **Koo M***, Chiang JK* (2018) Factors associated with emergency services use in Taiwanese advanced cancer patients receiving palliative home care services during out-of-hours periods: A retrospective medical record study. *BMC Palliative Care* 17(1):46. **【SCI】**
79. Leung FW*, **Koo M**, Cadoni S, Falt P, Hsieh YH, Amato A, Erriu M, Fojtik P, Gallittu P, Hu CT, Leung JW, Liggi M, Paggi S, Radaelli F, Rondonotti E, Smajstrla Vit, Tseng CW, Urban O (2018) Water exchange produces significantly higher adenoma detection rate than water immersion - pooled data from two multi-site randomized controlled trials. *Journal of Clinical Gastroenterology* doi:10.1097/MCG.0000000000001012 **【SCI】**
80. Cadoni S*, Liggi M, Gallittu P, Mura D, Fuccio L, **Koo M**, Ishaq S (2018) Underwater endoscopic colorectal polyp resection: feasibility in everyday clinical practice. *United European Gastroenterology Journal* 6(3):454–462. doi:10.1177/2050640617733923 **【SCI】**
81. **Koo M**, Chen YW* (2017) An exploratory study of diabetes treatment articles on content farm websites. [網上「內容農場」治療糖尿病文章的內容初探] (in Chinese) *Bulletin of the Taiwanese Association of Diabetes Educators* 13(4):40–46.
82. Lu MC, **Koo M***, Lai NS* (2017) Incident spine surgery in patients with ankylosing spondylitis: a secondary cohort analysis of a nationwide, population-based health claims database. *Arthritis Care & Research* doi:10.1002/acr.23478. (Koo & Lai are co-corresponding authors) **【SCI】**
83. Lu MC, Tung CH, Wang CL, Huang KY, **Koo M***, Lai NS* (2017) Incident osteoarthritis and osteoarthritis-related joint replacement surgery in patients with ankylosing spondylitis: a secondary cohort analysis of a nationwide, population-based health claims database. *PLoS One* 12(11):e0187594. doi:10.1371/journal.pone.0187594. (Koo & Lai are co-corresponding authors) **【SCI】**
84. Huang YS, **Koo M**, Chen JC, Hwang JH*. The association between tinnitus and the risk of ischemic cerebrovascular disease in young and middle-aged patients: A secondary case-control analysis of a nationwide, population-based health claims database. *PLoS One* 12(11):e0187474. doi:10.1371/journal.pone.0187474. (Koo & Huang contributed equally to this work) **【SCI】**
85. Tsai KW, Lin SC, **Koo M*** (2017) Correlates of depressive symptoms in late middle-aged Taiwanese women: Findings from the 2009 Taiwan National Health Interview Survey. *BMC Women's Health* 17(1):103 doi:10.1186/s12905-017-0461-4 **【SCI】**
86. Chen JC, **Koo M**, Hwang JH* (2017) Tinnitus is associated with a higher risk of benign brain tumors: A nationwide, population-based secondary cohort study of young and middle-

- aged adults. *Neuroepidemiology* 49(3–4):174–178. doi:10.1159/000481991 (Chen & Koo contributed equally to this work) **【SCI】**
87. Lu MC, Hsu H, Lin CH, **Koo M*** (2017) Systemic vasculitis is associated with a higher risk of lower extremity amputation in patients with severe peripheral arterial occlusive disease: a secondary analysis of a nationwide, population-based health claims database. *Rheumatology International* 37(11):1847–1852. doi:10.1007/s00296-017-3828-9 **【SCI】**
 88. **Koo M**, Lu MC* (2017) Preparing manuscripts for academic journals from the perspective of peer reviewers. [從審查委員的角度撰寫學術期刊論文] (in Chinese) *Formosan Journal of Medicine* 21(6):635–641. doi:10.6320/FJM.201711_21(6).0011
 89. Tseng CW, **Koo M**, Hsieh YH* (2017) Cecal intubation time between cap-assisted water exchange and water exchange colonoscopy: A randomized controlled trial. *European Journal of Gastroenterology & Hepatology* 29(11):1296–1302. doi:10.1097/MEG.0000000000000954 **【SCI】**
 90. Chiang JK, Lin CW, Wang CL, **Koo M***, Kao YH* (2017) Cancer studies based on secondary data analysis of the Taiwan's National Health Insurance Research Database: A computational text analysis and visualization study. *Medicine* 94(17):e6704. doi:10.1097/MD.0000000000006704 (Koo & Kao are co-corresponding authors) **【SCI】**
 91. Lai NS, Wang CL, Lu MC, **Koo M*** (2017) Cardiovascular comorbidities of rheumatoid arthritis in Taiwanese adults: a retrospective single center study. *Tzu Chi Medical Journal* 29(3):171–173. doi:10.4103/tcmj.tcmj_62_17.
 92. Lin HL, Lin MH, Ho CC, Fu CH, **Koo M*** (2017) Psychometric properties of the Chinese version of the attitudes towards cardiopulmonary resuscitation with defibrillation (ACPRD-C) among female hospital nurses in Taiwan. *International Emergency Nursing* 33:7–13. doi:10.1016/j.ienj.2017.02.002 **【SCI】**
 93. Chen KC, Weng CY, Hsiao S, Tsao WL, **Koo M*** (2017) Cognitive decline and slower reaction time in elderly individuals with mild cognitive impairment. *Psychogeriatrics* 17(6):364–370. doi:10.1111/psyg.12247 **【SCI】**
 94. Lu MC, Hsu BB, **Koo M***, Lai NS* (2017) Higher risk of incident ankylosing spondylitis in patients with uveitis: a secondary cohort analysis of a nationwide, population-based health claims database. *Scandinavian Journal of Rheumatology* 46(6):468–473. doi:10.1080/03009742.2017.1282686 (Koo & Lai are co-corresponding authors) **【SCI】**
 95. **Koo M**, Peng CN, Lin SC* (2017) Analysis of the visibility and content of nursing on hospital websites in Taiwan. [護理在台灣醫院網站的能見度與內容分析] (in Chinese) *Cheng Ching Medical Journal* 13(3):50–57.
 96. **Koo M*** (2017) Twenty years of clinical trials on aromatherapy research: a bibliometric analysis. *Evidence-Based Natural Medicine* 2(1):27–58.
 97. **Koo M*** (2017) A bibliometric analysis of two decades of aromatherapy research. *BMC Research Notes* 10(1):46. doi:10.1186/s13104-016-2371-1.

98. **Koo M**, Tsai KW, Lin SC* (2017) Health effects of fine particulate matter exposure. [細懸浮微粒暴露對健康的影響] (in Chinese) *Journal of Medicine and Health* 6(1):13–22.
99. Chen CM, Chen CY, Chen HY, **Koo M*** (2017) Knowledge of cold syrup and the five core competencies of medication use. [感冒糖漿認知與用藥五大核心能力] (in Chinese) *Journal of Medicine and Health* 6(1):61–73.
100. Wu LF, Yang SH, **Koo M*** (2017) Psychometric properties of the Chinese version of Spiritual Index of Well-Being in elderly Taiwanese. *BMC Geriatrics* 17(1):3. doi:10.1186/s12877-016-0392-1 【SCI】
101. Lai NS, **Koo M**, Yu CL, Lu MC* (2017) Immunopathogenesis of systemic lupus erythematosus and rheumatoid arthritis: the role of aberrant expression of non-coding RNAs in T cells. *Clinical and Experimental Immunology* 187(3):327–336. doi:10.1111/cei.12903 (Koo & Lai contributed equally to this work) 【SCI】
102. Cadoni S, Falt P, Rondonotti E, Radaelli F, Fojtik P, Gallittu P, Liggi M, Amato A, Paggi S, Smajstrla V, Urban O, Erriu M, **Koo M**, Leung FW* (2017) Water exchange for screening colonoscopy increases adenoma detection rate: a multicenter, double-blinded randomized controlled trial. *Endoscopy* 49(5):456–467. doi:10.1055/s-0043-101229 【SCI】
103. Chuang MH, Chuang TL, **Koo M**, Wang YF* (2017) Trabecular bone score (TBS) reflects trabecular microarchitecture deterioration and fragility fracture in female adult patients receiving glucocorticoid therapy: A pre-post controlled study. *BioMed Research International* 2017:4210217. doi:10.1155/2017/4210217 【SCI】
104. Chang JH, **Koo M**, Wu SW, Chen CY* (2017) Effects of a 12-week program of Tai Chi exercise on the kidney disease quality of life and physical functioning of patients with end-stage renal disease on hemodialysis. *Complementary Therapies in Medicine* 30:79–83. doi:10.1016/j.ctim.2016.12.002 (Koo & Chang contributed equally to this work) 【SCI】
105. Hsieh YH*, Tseng CW, Hu CT, **Koo M**, Leung F (2017) Prospective multicenter randomized controlled trial comparing adenoma detection rate in colonoscopy using water exchange, water immersion and air insufflation. *Gastrointestinal Endoscopy* 86(1):192–201. doi:10.1016/j.gie.2016.12.005 【SCI】
106. Lu MC, Juan CY, **Koo M***, Lai NS* (2017) Higher incidence of psychiatrist-diagnosed depression in Taiwanese female school-age children and adolescents with type 1 diabetes: a nationwide, population-based retrospective cohort study. *Journal of Child and Adolescent Psychopharmacology* 27(3):281–284. doi:10.1089/cap.2016.0004 (Koo & Lai are co-corresponding authors) 【SCI】
107. Hung YT, Lay CJ, Wang CL, **Koo M*** (2017) Characteristics of nontyphoidal Salmonella gastroenteritis in Taiwanese children: A 9-year period retrospective medical record review. *Journal of Infection and Public Health* 10(5):518–521. doi:10.1016/j.jiph.2016.09.018 【SCI】
108. **Koo M**, Hwang JH* (2017) Risk of tinnitus in patients with sleep apnea: A nationwide, population-based case-control study. *Laryngoscope* 127(9):2171–2175. doi:10.1002/lary.26323 【SCI】

研究計畫或產學計畫

年度	身份別	執行情形	計畫名稱
111	協同主持人	執行中	兒童管路固定共構裝置的創新研發與評量（科技部）
111	主持人	執行中	慈濟高齡志工參與動機、志工類別及生命態度對主觀幸福感之影響（財團法人印證教育基金會）
110	主持人	結案	花蓮縣長期照顧服務滿意度於長期照顧十年計畫 2.0 前後之比較分析（花蓮縣衛生局）
109-111	總主持人	執行中	慈濟醫療志業跨院校合作研究計畫：骨質密度及骨小樑指數於健康與疾病的研究（慈濟醫療財團法人）
108	主持人	結案	108 花蓮縣老人生活需求與福利需求調查（花蓮縣政府社會處）