

職 稱	副教授暨副主任	姓 名	辜美安 Malcolm Koo	
系 所	慈濟科技大學護理系			
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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	護理系	副教授	2023/8 年迄今	
多倫多大學	公共衛生學院	客座教授	2005 年迄今	
慈濟科技大學	長期照護研究所	副教授	2018/8-2023/7	
經歷：				
佛教慈濟醫療財團法人大林 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 (長期照護研究所)	3. 專題研討 (護理系碩士班)		
獲獎：				
1. 慈濟科技大學 109 及 110 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 (2018–2023 SCI 著作)

期刊論文	作者序
Koo M , Lu MC (2023) Performance of a new instrument for the measurement of systemic lupus erythematosus disease activity: The SLE-DAS. <i>Medicina</i> 59(12):2097.	第 1 作者
Koo M , Lu MC (2023) Rheumatic diseases: New progress in clinical research and pathogenesis. <i>Medicina</i> 59(9):1581.	第 1 作者
Koo M , Hsu CW, Lu MC (2023) Increased risk of developing systemic lupus erythematosus and rheumatoid arthritis in patients with primary Sjögren's syndrome—A secondary cohort analysis of nationwide, population-based claims data. <i>Journal of Clinical Medicine</i> 12(12):4157.	第 1 作者
Koo M (2023) The importance of proper use of ChatGPT in medical writing. <i>Radiology</i> 307(2): e230312.	第 1 作者
Koo M (2023) Harnessing the potential of chatbots in education: The need for guidelines to their ethical use. <i>Nurse Education in Practice</i> 68:103590.	第 1 作者
Koo M , Lin SC (2023) An analysis of reporting practices in the top 100 cited health and medicine-related bibliometric studies from 2019 to 2021 based on a proposed guidelines. <i>Heliyon</i> 9(6):e16780.	第 1 作者
Wang CL, Koo M , Hsu CW, Lu MC (2023) Increased frequency of hospital admissions with active systemic lupus erythematosus disease activity defined by two different disease activity indices: A cohort study. <i>Lupus</i> 32(7):864–872.	第 2 作者
Chu JT, Koo M (2023) Life satisfaction and self-esteem in older adults engaging in formal volunteering: A cross-sectional study in Taiwan. <i>International Journal of Environmental Research and Public Health</i> 20(6):4934.	通訊作者
Leung FW, Koo M , Jia H, Cadoni S, Hsieh YH, Leung JW (2023) Comparison of right colon flat polyp detection rate by water exchange versus water immersion-pooled results of data file of 3 published reports. <i>Journal of Clinical Gastroenterology</i> doi:10.1097/MCG.0000000000001830.	第 2 作者
Yang SW, Koo M (2022) The Big Five Personality Traits as predictors of negative emotional states in university students in Taiwan. <i>International Journal of Environmental Research and Public Health</i> 19(24):16468.	通訊作者

Chuang TL, Chuang MH, Wang YF, Koo M (2022) Comparison of trabecular bone score–adjusted fracture risk assessment (TBS-FRAX) and FRAX tools for identification of high fracture risk among Taiwanese adults aged 50 to 90 years with or without prediabetes and diabetes. <i>Medicina</i> 58:1766.	通訊作者
Hsieh MC, Koo M , Hsu CW, Lu MC (2022) Increased risk of common orthopedic surgeries for patients with rheumatic diseases in Taiwan. <i>Medicina</i> 58:1629.	第 2 作者
Lu MC, Hsu CW, Koo M , Lai NS. Increased risk of hospital admissions in patients with active systemic lupus erythematosus (SLE) classified according to two different SLE disease activity indices: a prospective cohort study. <i>Clinical and Experimental Rheumatology</i> 41(7):1409–1416.	共同通訊作者
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. <i>Medicina</i> 58(7):944.	通訊作者
Hsieh YH, Koo M , Tseng CW (2022) Factors associated with prolonged cecal insertion time in patients undergoing water exchange colonoscopy. <i>Journal of Gastroenterology and Hepatology</i> 37(7):1326–1332.	第 2 作者
Koo M (2022) Are older adults still being described as the elderly in the medical literature? <i>Archives of Gerontology and Geriatrics</i> 101:104714.	第 1 作者
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. <i>Journal of Gastroenterology and Hepatology</i> 37(9):1785–1791.	第 3 作者
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. <i>Medicine</i> 101(31):e29620.	通訊作者
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. <i>Endoscopy International Open</i> 10(6): E791–E800.	第 3 作者
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. <i>BMJ Open</i> 12(4):e055754.	共同通訊作者

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. <i>Journal of Clinical Medicine</i> 11(5):1365.	第 2 作者
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. <i>International Journal of Environmental Research and Public Health</i> 19(4):2445.	第 2 作者
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. <i>Journal of Immunology Research</i> 2022: Article ID 5243825.	第 3 作者
Chuang TL, Wang YH, Koo M , Chuang MH (2022) Association of trabecular bone score-adjusted FRAX with coronary artery calcification in women. <i>Diagnostics</i> 12:178.	共同通訊作者
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. <i>Tzu Chi Medical Journal</i> 34(3):353–357.	共同通訊作者
Tseng CW, Hsieh YH, Koo M , Leung FW (2022) Comparing right colon adenoma detection rate during water exchange and air insufflation: a double-blind randomized controlled trial. <i>Techniques in Coloproctology</i> 26(1): 35–44.	第 3 作者
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. <i>Journal of Clinical Medicine</i> 10:4740.	通訊作者
Hsieh YH, Lin CC, Tseng CW, Koo M , Leung FW (2021) Heat sink effect of underwater polypectomy in a porcine colon model. <i>BMC Gastroenterology</i> 21:406.	第 4 作者
Koo M (2021) Systemic lupus erythematosus research: A bibliometric analysis over a 50-year period. <i>International Journal of Environmental Research and Public Health</i> 18:7095.	第 1 作者
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. <i>BMC Complementary Medicine and Therapies</i> 21:247.	通訊作者
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. <i>Healthcare</i> 9(9):1215.	通訊作者

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. <i>Journal of Clinical Medicine</i> 10:2137.	通訊作者
Chuang TL, Koo M , Chuang MH, Wang YH (2021) Bone mineral density and hemoglobin levels: opposite associations in younger and older women. <i>International Journal of Environmental Research and Public Health</i> 18:5495.	第 2 作者
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. <i>Frontiers in Medicine</i> 8:666802.	共同通訊作者
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. <i>International Journal of Pediatric Otorhinolaryngology</i> 143:110663.	共同通訊作者
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. <i>BMC Geriatrics</i> 21:126.	第 2 作者
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. <i>International Journal of Environmental Research and Public Health</i> 17(21):7763.	第 2 作者
Chuang TL, Koo M , Wang YF (2020) Association of bone mineral density and coronary artery calcification in patients with osteopenia and osteoporosis. <i>Diagnostics</i> 10(9):699	第 2 作者
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. <i>PLoS ONE</i> 15(9):e0239442.	共同通訊作者
Chou CP, Chen CY, Huang KS, Lin SC, Huang CF, Koo M (2020) Factors associated with nonadherence to antihypertensive medication among middle-aged adults with hypertension: Findings from the Taiwan National Health Interview Survey. <i>Journal of International Medical Research</i> 48(8):1–10	通訊作者
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. <i>Medicina (Kaunas)</i> 56(4):160.	共同通訊作者

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. <i>Journal of Gastroenterology and Hepatology</i> 35(9):1562–1569.	第 2 作者
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. <i>BMC Ophthalmology</i> 20(1):96.	共同通訊作者
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. <i>Medicina (Kaunas)</i> 56(2):73	通訊作者
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. <i>Journal of Gastroenterology and Hepatology</i> 35(2):256–262.	第 3 作者
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. <i>Evidence-Based Complementary and Alternative Medicine</i> 2020:6964737.	第 1 作者
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. <i>Evidence-Based Complementary and Alternative Medicine</i> 2020:4561040.	與第一作者相同貢獻
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. <i>Journal of Clinical Gastroenterology</i> 54(3):212–217.	第 2 作者
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. <i>Nurse Education Today</i> 84:104241.	共同通訊作者
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. <i>PLoS ONE</i> 14(9):e0222236	通訊作者
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. <i>Clinical Rheumatology</i> 38:3195–3203.	共同通訊作者

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. <i>BMJ Open</i> 2019;9:e028966.	共同通訊 作者
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. <i>Joint, Bone, Spine</i> 86(6):805–807.	第 6 作者
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. <i>American Journal of Men's Health</i> 13(3):1557988319850378.	共同通訊 作者
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. <i>PLoS ONE</i> 14(4):e0215726.	共同通訊 作者
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. <i>PLoS ONE</i> 14(2): e0211547.	共同通訊 作者
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. <i>Complementary Therapies in Medicine</i> 43:44–48.	與第一作 者相同貢 獻
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. <i>Journal of Clinical Gastroenterology</i> 53(3):201–209.	第 2 作者
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. <i>Journal of Clinical Gastroenterology</i> 53(7):523–529.	第 2 作者
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. <i>United European Gastroenterology Journal</i> 7(2):230–238.	與第一作 者相同貢 獻

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. <i>Annals of Otolaryngology, Rhinology & Laryngology</i> 127(10):694–697.	第 1 作者
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. <i>United European Gastroenterology Journal</i> 6(9):1307–1315.	第 2 作者
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. <i>BMC Palliative Care</i> 17(1):46.	共同通訊作者
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. <i>United European Gastroenterology Journal</i> 6(3):454–462.	第 6 作者
Lu MC, Koo M , Lai NS (2018) Incident spine surgery in patients with ankylosing spondylitis: a secondary cohort analysis of a nationwide, population-based health claims database. <i>Arthritis Care & Research</i> 70(9):1416–1420.	共同通訊作者

研究計畫或產學計畫

年度	身份別	執行情形	計畫名稱
112	主持人	執行中	新冠疫情下的風險溝通：花蓮縣防疫策略經驗分享
112	主持人	結案	花蓮縣高齡者新冠疫苗接種意願之因素探討
111	主持人	結案	慈濟學研究計畫\：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
109–111	總主持人	結案	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
110	主持人	結案	產學合作計畫：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
108	總主持人	結案	108 花蓮縣老人生活需求與福利需求調查