

1. **Koo M**, Lin SC* (2024) Retracted articles in scientific literature: A bibliometric analysis from 2003 to 2022 using the Web of Science. *Heliyon* doi:10.1016/j.heliyon.2024.e38620
2. **Koo M** (2024) A bibliometric analysis of Tzu Chi Foundation's research publications using the Web of Science from 1990 to 2023. *Medical Science Pulse* 18(3):62 – 73. doi:10.5604/01.3001.0054.7423
3. Liu CW, Lin ZC, **Koo M*** (2024) Evaluating ChatGPT's performance in the EU*US eHealth Work Foundational Curriculum using the HITCOMP self-assessment quiz. *Studies in Health Technology and Informatics* 315:639–640. doi:10.3233/SHTI240255
4. Lin ZC, **Koo M**, Chang WJ, Chen HC, Liao BH, Tuan LY, Liu CW* (2024) Comparing artificial intelligence-based versus conventional endotracheal tube monitoring systems in clinical practice. *Studies in Health Technology and Informatics* 315:589–591. doi:10.3233/SHTI240230
5. Liu CW, Lin ZC, **Koo M*** (2024) Nursing informatics research: A bibliometric analysis from 1989 to 2023. *Studies in Health Technology and Informatics* 315:170–174. doi:10.3233/SHTI240128
6. Cheng LC, Chen CJ, Lin SC, **Koo M*** (2024) Factors associated with evidence-based practice competencies among Taiwanese nurses: A cross-sectional study. *Healthcare* 12(9):906. doi.org/10.3390/healthcare12090906
7. Jiang JL, Fu SY, Ma YC, Wang JH, **Koo M*** (2024) Comparative impact of active participation and observation in simulation-based emergency care education on knowledge, learning effectiveness, and satisfaction among undergraduate nursing students. *Teaching and Learning in Nursing* 19(3):e566–e573. doi:10.1016/j.teln.2024.04.003 [ESCI 2022 IF=1.9]
8. Chang CP, Lin CR, **Koo M***. Factors associated with self-initiated discontinuation of clinical practicum in nursing students of a five-year junior college program at a university of science and technology in eastern Taiwan. [東部某科技大學五專學制護理科學生自願停止臨床實習之相關因子] (in Chinese) *Journal of Tzu Chi University of Science And Technology* 2024;37: 1–26.

9. Hsu SH, Lin YL, **Koo M**, Creedy DK, Tsao Y* (2024) Health-literacy, self-efficacy and health-outcomes of patients undergoing haemodialysis: Mediating role of self-management. *Journal of Renal Care* (accepted) [2022 IF=1.9] doi:10.1111/jorc.12493
10. **Koo M*** (2024) Transcultural nursing research: A bibliometric analysis between 2003 and 2022 *Journal of Otemae University Institute of Global Nursing* 7:1-14.
11. Leung FW*, **Koo M**, Jia H, Cadoni S, Hsieh YH, Leung JW (2024) Comparison of right colon flat polyp detection rate by water exchange versus water immersion-pooled results of data file of 3 published reports. *Journal of Clinical Gastroenterology* 58(2):156–161. doi:10.1097/MCG.0000000000001830. [2022 IF=2.9]
12. **Koo M**, Lu MC (2023) Rheumatic diseases: New progress in clinical research and pathogenesis. *Medicina* 59(9):1581. doi:10.3390/medicina59091581 [2021 IF=2.6]
13. **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. *Journal of Clinical Medicine* 12(12):4157. doi:10.3390/jcm12124157 [2021 IF=4.96]
14. **Koo M*** (2023) The importance of proper use of ChatGPT in medical writing. *Radiology* 307(2): e230312. doi:10.1148/radiol.230312 [2021 IF=29.1]
15. **Koo M*** (2023) Harnessing the potential of chatbots in education: The need for guidelines to their ethical use. *Nurse Education in Practice* 68:103590. doi:10.1016/j.nepr.2023.103590 [2021 IF=3.43]
16. **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. *Heliyon* 9(6):e16780. doi:10.1016/j.heliyon.2023.e16780 [2021 IF=3.78]
17. 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. *Lupus* 32(7):864–872. doi:10.1177/09612033231175268 [2021 IF=2.86]

18. Chu JT, **Koo M***(2023) Life satisfaction and self-esteem in older adults engaging in formal volunteering: A cross-sectional study in Taiwan. *International Journal of Environmental Research and Public Health* 20(6):4934. doi:10.3390/ijerph20064934
19. Lin HT, **Koo M*** (2023) 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* 4:39–56. doi:10.29703/JGS.202201_(1).0002
20. Yang SW, **Koo M*** (2022) The Big Five Personality Traits as predictors of negative emotional states in university students in Taiwan. *International Journal of Environmental Research and Public Health* 19(24):16468. doi:10.3390/ijerph192416468 [2021 IF=4.61]
21. Lodder, P et al. (2023) Type D personality as a risk factor for adverse outcome in patients with cardiovascular disease: an individual patient data meta-analysis. *Psychosomatic Medicine* 85(2):188–202. doi:10.1097/PSY.0000000000001164 [2021 IF=3.86]
22. Chu CH, Huang HJ, **Koo M*** (2022) Trend analysis and factors associated with user satisfaction with long-term care services in Hualien County: A secondary data analysis of the 2015 to 2019 Hualien County long-term care service satisfaction survey [花蓮縣長期照顧服務滿意度趨勢分析及其相關因子—104 至 108 年度花蓮縣長期照顧服務滿意調查資料之次級資料分析]. *Taiwan Geriatrics & Gerontology* 17(4):281–301.
23. 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. *Medicina* 58:1766. doi:10.3390/medicina58121766 [2021 IF=2.95]
24. Hsieh MC, **Koo M**, Hsu CW, Lu MC (2022) Increased risk of common orthopedic surgeries for patients with rheumatic diseases in Taiwan. *Medicina* 58:1629. doi:10.3390/medicina58111629 [2021 IF=2.95]

25. Lu MC, Hsu CW, **Koo M***, Lai NS* (2023) 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. *Clinical and Experimental Rheumatology* 41(7):1409–1416.[2021 IF=4.86]
doi:10.55563/clinexprheumatol/2z3tyc
26. 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 [2021 IF=2.95]
27. 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 [2021 IF=4.37]
28. 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.
29. **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 [2021 IF=4.16]
30. 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* 37(9):1785–1791.
doi:10.1111/jgh.15896 [2021 IF=4.37]
31. 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.
[2020 IF=1.89]
32. 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

33. 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.
34. 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. [2020 IF=2.69]
35. Hsu CW, Chen CY, Lu MC, Chang HH, Lo HC, **Koo M*** (2022) 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* 19(4):405–419.
doi:10.6200/TCMJ.202212_19(4).0007
36. 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 [2020 IF=4.24]
37. 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) [2020 IF=3.39]
38. 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 [2020 IF=4.82]
39. 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 [2020 IF=3.71] (Koo and Chuang are co-corresponding authors)

40. 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
41. 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. *Techniques in Coloproctology* 26(1): 35–44. doi:10.1007/s10151-021-02537-1 [2021 IF=3.699]
42. 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.
43. **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
44. 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 [2020 IF=4.24]
45. 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.
46. Lee SL, Su CH, Lin YC, Koo M* (2021) The effect of craniosacral therapy on alleviating lower back pain in medical staff: A preliminary study. [顱薦動力治療對改善醫療人員下背痛之前驅研究] (in Chinese) *Evidence-based Natural Medicine* 5(1):15–24.
47. 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 [2020 IF=3.07]
48. 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 [2020 IF=3.66]

49. 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 [2020 IF=2.64]
50. 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 [2020 IF=2.63]
51. 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
52. **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 [2020 IF=3.39]
53. 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.
54. 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. [2020 IF=3.39]
55. 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 [2020 IF=4.24]

56. 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 [2020 IF=5.09] (Koo and Lai are co-corresponding authors)
57. 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
58. 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 [2019 IF=1.24] (Koo and Lu are co-corresponding authors)
59. 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 [2020 IF=3.07]
60. 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
61. **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
62. **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
63. 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. [2019 IF=2.85]

64. 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 [2019 IF=3.11]
65. 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* 15(9):e0239442. doi:10.1371/journal.pone.0239442 [2019 IF=2.74] (Koo and Lu are co-corresponding authors)
66. 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. *Journal of International Medical Research* 48(8):1–10 [2019 IF=1.29] doi:10.1177/0300060520936176
67. 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 [2018 IF=5.52] doi:10.18632/aging.103299
68. 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 (Koo and Weng are co-corresponding authors) [2018 IF=1.47]
69. 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* 35(9):1562–1569. [2018 IF=3.63] doi:10.1111/jgh.15043
70. 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 [2018 IF=1.43] (Koo and Lu are co-corresponding authors)

71. 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 [2018 IF=1.47]
72. 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 [2018 IF=3.63]
73. **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 [2018 IF=1.98]
74. 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 [2018 IF=1.98]
75. 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* 54(3):212–217. doi:10.1097/MCG.0000000000001311 [2018 IF=2.72]
76. 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
77. 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 [2018 IF=2.44]

78. 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 [2018 IF=2.78]
79. 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) [2018 IF=2.29]
80. Chen YW, **Koo M*** (2019) Classification and regression tree analysis of the needs for active aging courses among age-friendly hospital staff. [高齡友善醫院員工對活躍老化課程需求的分類樹分析] (in Chinese) *Journal of Development and Prospect* 24:77–102.
81. 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) [2017 IF=2.41]
82. 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 [2017 IF=3.30]
83. 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) [2017 IF=2.31]
84. 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) [2017 IF=2.77]

85. 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
86. Hsieh YH*, **Koo M** (2019) Some like it cold: Postpolypectomy delayed hemorrhage in anticoagulated patients. (editorial) *Digestive Diseases and Sciences* 64(11):3030–3032. doi:10.1007/s10620-019-05562-1 [2017 IF=2.82]
87. Liao LC, Chen YW, **Koo M*** (2019) Association between the perception of positive leadership and learning achievement in senior learners. [正向領導知覺對參與樂齡學習者之學習成效的關係] (in Chinese) *Journal of Gerontechnology and Service Management* 7(1):16–23. doi:10.6283/JOCSG.201903_7(1).433
88. 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) [2017 IF=2.77]
89. 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) [2017 IF=2.08]
90. 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 [2017 IF=2.97]
91. Hsieh YH, **Koo M**, Tseng CW, Yang HW, Leung FW* (2019) 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) [2017 IF=3.48]

92. Chiang TY, **Koo M**, Yeh YC* (2018) Factors associated with the complementary therapy use for alleviating work stress and improving the quality of sleep by life insurance agents. [壽險業務人員使用輔助療法以舒緩工作壓力和改善睡眠品質之因子] (in Chinese) *Evidence-Based Natural Medicine* 2(2):1–16.
93. 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* 53(7):523–529.
doi:10.1097/MCG.0000000000001080 [2016 IF=2.97]
94. 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.
95. Huang LJ, Hu MC, Chen YW, **Koo M*** (2018) An analysis of the factors affecting training transfer success: A study of civil service special examination administrative coast guard personnel. [影響教育訓練遷移成效之相關因子分析 - 以海巡特考海巡行政類科人員為例] *Taipei University of Marine Technology* 9(2):141–151.
96. 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
97. 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
98. 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.
99. **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 & Laryngology* 127(10):694–697.
doi:10.1177/0003489418788385 [2017 IF=1.51]

100. 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 [2017 IF=3.48]
101. **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.
102. 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(2):75–82. doi:10.6332/ANMMI.201806_31(2).0003
103. Hsieh YH*, **Koo M** (2018) Cecal insertion time and the ADR: Patience is good for patient. (editorial) *Digestive Diseases and Sciences* 63(11):2823–2825. doi:10.1007/s10620-018-5166-5c [2016 IF=2.88]
104. 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
105. Lin TK, Tu YR, Chen CW, Lin CL, Lin MN, **Koo M***, Weng CY* (2018) Blood pressure reactivity and recovery to anger recall in hypertensive patients with type D personality. *Acta Cardiologica Sinica* 34:417–423. doi:10.6515/ACS.201809_34(5).20180330A (Koo & Weng are co-corresponding authors) [2016 IF=0.34]
106. 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. (Koo & Weng are co-corresponding authors) [2016 IF=1.60]
107. 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 [2016 IF=3.67]

108. 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. *Arthritis Care & Research* 70(9):1416–1420. doi:10.1002/acr.23478. (Koo & Lai are co-corresponding authors) [2017 IF=4.15]
109. **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.
110. 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) [2016 IF=2.81]
111. Huang YS, **Koo M**, Chen JC, Hwang JH* (2017) 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) [2016 IF=2.81]
112. 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 [2016 IF=1.57]
113. 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) [2016 IF=2.89]
114. 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 [2016 IF=1.82]

115. **Koo M**, Lu MC* (2017) Preparing manuscripts for academic journals from the perspective of peer reviewers. [以論文審查的角度探討學術期刊論文之撰寫] (in Chinese) *Formosan Journal of Medicine* 21(6):635–641. doi:10.6320/FJM.201711_21(6).0011
116. 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 [2016 IF=1.97]
117. 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.00000000000006704 (Koo & Kao are co-corresponding authors) [2015 IF=2.13]
118. 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.
119. 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 [2015 IF=0.97]
120. 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 [2015 IF=1.00]
121. 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) [2015 IF=2.31]

122. **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.
123. **Koo M*** (2017) Twenty years of clinical trials on aromatherapy research: a bibliometric analysis. *Evidence-Based Natural Medicine* 2(1):27–58.
124. **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
125. **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.
126. 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.
127. 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 [2015 IF=2.37]
128. 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) [2015 IF=3.15]
129. 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 [2015 IF=5.63]
130. 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 [2015 IF=2.13]

131. 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) [2015 IF=1.94]
132. 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 [2015 IF=6.22]
133. 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) [2014 IF=2.93]
134. 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 [2015 IF=1.19]
135. **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 [2015 IF=2.27]
136. **Koo M**, Tsai KW, Lin SC* (2016) Prevention and care of heat emergencies in the elderly. [老年人熱急症的預防與照護] (in Chinese) *Taiwan Geriatrics and Gerontology* 11(4):225–236.
137. Yang CC, Chen CY, Wu CC, **Koo M***, Yu ZR, Wang BJ* (2016) *Panax ginseng* fraction F3 extracted by supercritical carbon dioxide protects against oxidative stress in ARPE-19 cells. *International Journal of Molecular Sciences* 17(10):1717. doi:10.3390/ijms17101717 (Koo & Wang are co-corresponding authors) [2015 IF=3.26]
138. **Koo M**, Chen JC, Hwang JH* (2016) Risk of peripheral artery occlusive disease in patients with vertigo, tinnitus, or sudden deafness: a secondary case-control analysis

- of a nationwide, population-based health claims database. *PLoS ONE* 11(9):e0162629. doi:10.1371/journal.pone.0162629 (Koo & Chen contributed equally to this work) [2015 IF=3.06]
139. Yu HC, Lai PH, Lai NS, Huang HB, **Koo M**, Lu MC* (2016) Increased serum levels of anti-carbamylated 78-kDa glucose-regulated protein antibody in patients with rheumatoid arthritis. *International Journal of Molecular Sciences* 17:1510. doi:10.3390/ijms17091510 [2015 IF=3.26]
140. **Koo M**, Tung CH, Peng CN* (2016) Nursing care management of patients with juvenile idiopathic arthritis. [幼年特發性關節炎患者的護理照顧] (in Chinese) *Journal of Mackay Nursing* 10(2):7–15.
141. **Koo M**, Lu MC, Lin SC* (2016) Predictors of Internet use for health information among male and female Internet users: Findings from the 2009 Taiwan National Health Interview Survey. *International Journal of Medical Informatics* 94:155–163. doi:10.1016/j.ijmedinf.2016.07.011 (Koo & Lu contributed equally to this work) [2015 IF=2.36]
142. **Koo M**, Kuo MH* (2016) The opportunities for editing pharmacology articles in Chinese Wikipedia. [編撰中文維基百科藥學的契機] (in Chinese) *Journal of the Taiwan Pharmacy* 32(3):35–39.
143. Chen PH, Weng YM, Yu ZR, **Koo M**, Wang BJ* (2016) Extraction temperature affects the activities of antioxidation, carbohydrate-digestion enzymes, and angiotensin-converting enzyme of *Pleurotus citrinopileatus* extract. *Journal of Food and Drug Analysis* 24(3):548–555. doi:10.1016/j.jfda.2016.02.005 [2015 IF=1.98]
144. Lu MC, Chang SC, Huang KY, **Koo M***, Lai NS* (2016) Higher risk of thyroid disorders in young patients with type 1 diabetes: A 12-year nationwide, population-based, retrospective cohort study. *PLoS ONE* 11(3):e0152168. doi:10.1371/journal.pone.0152168 (Koo & Lai are co-corresponding authors) [2014 IF=3.24]
145. **Koo M**, Lai CY* (2016) The pitfalls of academic publishing: predatory journals [學術著作投稿的陷阱：掠奪型期刊] (in Chinese) *Formosan Journal of Medicine* 20(2):216–221.

146. Chien YS, Yu ZR, **Koo M***, Wang BJ* (2016) Supercritical fluid extractive fractionation – study of the antioxidant activities of *Panax ginseng*. *Separation Science and Technology* 51(6):954–960. doi:10.1080/01496395.2016.1140202 (Koo & Wang are co-corresponding authors) [2014 IF=1.17]
147. Lu MC, Yu CL, Yu HC, Huang HB, **Koo M**, Lai NS* (2016) Anti-citrullinated protein antibodies promote apoptosis of mature human Saos-2 osteoblasts via cell-surface binding to citrullinated heat shock protein 60. *Immunobiology* 221(1):76–83. doi:10.1016/j.imbio.2015.07.019 [2014 IF=3.04]
148. Lu MC, Hsieh MC, **Koo M***, Lai NS* (2016) Risk of Sjögren's syndrome in Taiwanese female adults with irregular menstrual cycle: A population-based case control study. *Rheumatology International* 36(1):155–160. doi:10.1007/s00296-015-3324-z [2014 IF=1.52]
149. Wu LF, **Koo M*** (2016) Randomized controlled trial of a six-week spiritual reminiscence intervention on hope, life satisfaction, and spiritual well-being in elderly with mild and moderate dementia. *International Journal of Geriatric Psychiatry* 31(2):120–127. doi:10.1002/gps.4300 [2014 IF=2.87]
150. **Koo M**, Lin SC* (2016) The image of nursing - a glimpse of the Internet. *Japan Journal of Nursing Science* 13(4):496–501. doi:10.1111/jjns.12125 [2015 IF=0.46]
151. Yu IL, Yu ZR, **Koo M***, Wang BJ* (2016) A continuous fractionation of ginsenosides and polysaccharides from *Panax ginseng* using supercritical carbon dioxide technology. *Journal of Food Processing and Preservation* 40(4):743–748. doi:10.1111/jfpp.12655 [2014 IF=1.16]
152. Wu LF, **Koo M***, Liao YC, Chen YM, Yeh DC (2016) Development and validation of the spiritual care needs inventory for acute care hospital patients in Taiwan. *Clinical Nursing Research* 25(6):590–606. doi:10.1177/1054773815579609 [2014 IF=1.28]
153. **Koo M*** (2016) Reporting of secondary data analysis using routinely collected health data. (Letter to the Editor) *European Journal of Internal Medicine*. 34:e34. doi:10.1016/j.ejim.2016.05.018 [2014 IF=2.89]

154. Chen CY, Wu FJ, Chen CM, Hsu H, **Koo M*** (2015) Effects of horticultural therapy activity programme for alleviating work-related stress and improving well-being of nursing staff [園藝治療活動對於舒緩護理人員工作壓力及促進福祉之成效] (in Chinese) *Journal of the Taiwan Society for Horticultural Science* 61(4):281–291.
155. Lin SC, Tsai KW, Shih HS, Wang SY, Chen MW, **Koo M*** (2015) Treatment and nursing care of elderly patients with dementia. [老年失智症患者的醫療與照護] (in Chinese) *Leadership Nursing* 16(3):13–19.
156. Lin MS, Yu ZR, Wang BJ, Wang CC, Weng YM, **Koo M*** (2015) Bioactive constituent characterization and antioxidant activity of *Ganoderma lucidum* extract fractionated by supercritical carbon dioxide. *Sains Malaysiana* 44(12):1685–1691. [2014 IF=0.45]
157. Hsueh YC, Wang BJ, Yu ZR, Wang CC, **Koo M*** (2015) Optimization of a continuous preparation method of *Arthrospira* (*Spirulina*) *platensis* γ -linolenic acid by supercritical carbon dioxide technology using response surface methodology. *Sains Malaysiana* 44(12):1739–1744. [2014 IF=0.45]
158. Ho HC, **Koo M**, Tsai TH, Chen CY* (2015) Effects of a mindfulness meditation course on learning and cognitive performance among university students in Taiwan. *Evidence-Based Complementary and Alternative Medicine* 2015:254358. doi:10.1155/2015/254358 (Koo & Ho contributed equally to this work) [2014 IF=1.88]
159. Lu MC, Liu KC, Lai NS*, **Koo M*** (2015) Higher incidence of rheumatoid arthritis in patients with symptomatic osteoarthritis or osteoarthritis-related surgery: a nationwide population-based case-control study in Taiwan. *BMJ Open* 5:e008513. doi:10.1136/bmjopen-2015-008513 (Koo & Lai are co-corresponding authors) [2014 IF=2.27]
160. Huang CH, Lu MC, **Koo M*** (2015) Dietary patterns of habitual vegetarians - findings from the 2009 National Health Interview Survey [長期素食者之飲食型態—2009年國民健康訪問暨藥物濫用調查] (in Chinese) *Nutritional Science Journal* 40(3):94–106.
161. Lu MC, **Koo M***, Lai NS* (2015) Clinimetric properties of the Chinese version of the early inflammatory arthritis detection tool. *BMC Musculoskeletal Disorders* 16:243. doi:10.1186/s12891-015-0706-z [2014 IF=1.72]

162. Hsiao IY, Chien CY, Chen CY, Lin TK, **Koo M*** (2015) Predictors of no improvement in left ventricular ejection fraction among patients with congestive heart failure one year after completing a six-month case management program: a prospective observational study. *Tzu Chi Medical Journal* 27(4):164–169. doi:10.1016/j.tcmj.2015.07.004
163. **Koo M**, Tsai KW, Lin SC* (2015) Evidence-based medicine regarding the nonpharmacological approaches for the alleviation of chronic pain in older adults. [非藥物方法緩解老年人慢性疼痛的實證醫學] (in Chinese) *Taiwan Geriatrics and Gerontology* 10(2):63–72.
164. Lai NS, Yu HC, Yu CL, **Koo M**, Huang HB, Lu MC* (2015) Anti-citrullinated protein antibodies suppress let-7a expression in monocytes from patients with rheumatoid arthritis and facilitate the inflammatory responses in rheumatoid arthritis. *Immunobiology* 220(12):1351–1358. doi:10.1016/j.imbio.2015.07.007 [2014 IF=3.04]
165. Lin MC, Yeh YC, **Koo M*** (2015) Pattern and factors associated with massage therapy and complementary therapies utilization on relieving work-related fatigue among telephone customer services personnel in telecommunications industry. [電信業電話客戶服務人員使用按摩與輔助療法舒緩工作疲勞之情況與相關因子] (in Chinese) *Evidence-Based Natural Medicine* 1(2):17–26.
166. **Koo M**, Peng SM, Chang RY* (2015) Humor therapy is not joking - evidence based research in humor therapy [幽默療法不是說笑—幽默療法實證研究] (in Chinese) *Evidence-Based Natural Medicine* 1(2):35–47.
167. Lu MC, Lai CL, Tsai CC, **Koo M***, Lai NS* (2015) Increased risk of pulmonary and extrapulmonary tuberculosis in patients with rheumatic diseases. *International Journal of Tuberculosis and Lung Disease* 19(12):1500–1506. (Koo & Lai are co-corresponding authors) [2014 IF=2.32]
168. **Koo M**, Chen CH, Tsai KW, Lu MC, Lin SC* (2015) Ambulatory medical services utilization for menstrual disorders among female personnel of different medical professions in Taiwan: a nationwide retrospective cohort study. *BMC Women's Health* 15:66. doi:10.1186/s12905-015-0220-3 [2014 IF=1.50]

169. **Koo M**, Lu MC, Lai CY* (2015) Writing review articles for medical journals. [淺談醫學期刊綜論的寫作] (in Chinese) *Formosan Journal of Medicine* 19(5):542–549. doi:10.6320/FJM.2015.19(5).13
170. Lin SC, Tsai KW, Chen MW, **Koo M*** (2015) Factors associated with health examination utilization among community-dwelling elderly Taiwanese: analysis of the 2009 National Health Interview Survey [台灣社區老年人使用健康檢查的相關因子—2009年國民健康訪問暨藥物濫用調查] (in Chinese) *Cheng Ching Medical Journal* 11(3):10–21.
171. Tsai KW, Lin SC, Lu MC, **Koo M*** (2015). Factors associated with vegetarian dietary habits in Taiwanese adults - analysis of the 2009 National Health Interview Survey [台灣成年人素食習慣之相關因子—2009年國民健康訪問暨藥物濫用調查] (in Chinese) *Journal of Medicine and Health* 4(2):41–51.
172. Wang SY, Liu LC, Lu MC, **Koo M*** (2015) Comparisons of musculoskeletal disorders among ten different medical professions in Taiwan: A nationwide, population-based study. *PLoS ONE* 10(4): e0123750. doi:10.1371/journal.pone.0123750 [2014 IF=3.24]
173. Lai NS, Tsai TY, **Koo M**, Lu MC* (2015) Association of rheumatoid arthritis with allergic diseases: A nationwide population-based cohort study. *Allergy and Asthma Proceedings* 36(5):99–103. doi:10.2500/aap.2015.36.3871 [2014 IF=3.06]
174. Huang CF, Chen CT, Wang PM, **Koo M*** (2015) Betel-quid, alcohol, and cigarette use were associated with lipid accumulation product among male factory workers in Taiwan. *International Health* 7(3):218–222. doi:10.1093/inthealth/ihu065 [2014 IF=1.30]
175. Hsueh YC, Yu ZR, Wang CC, **Koo M***, Wang BJ* (2015) Supercritical CO₂ extraction of γ -linolenic acid from *Spirulina platensis*. *Applied Mechanics and Materials* 764–765: 92–97. doi:10.4028/www.scientific.net/AMM.764-765.92 (Koo & Wang are co-corresponding authors)
176. Chen JC, **Koo M**, Hwang JH* (2015) Risks of peripheral arterial occlusive disease in patients with obstructive sleep apnea: a population-based case-control study. *Clinical Otolaryngology* 40(5):437–442. doi:10.1111/coa.12393 (Koo & Chen contributed equally to this work) [2014 IF=2.11]

177. **Koo M**, Hwang JH* (2015) Risk of sudden sensorineural hearing loss in patients with common preexisting sensorineural hearing impairment: a population-based study in Taiwan. *PLoS ONE* 10(3): e0121190. doi:10.1371/journal.pone.0121190 [2014 IF=3.24]
178. Wu LF, **Koo M***, Tseng HC, Liao YC, Chen YM (2015) Concordance between nurses' perception of their ability to provide spiritual care and the identified spiritual needs of hospitalized patients: A cross-sectional observational study. *Nursing and Health Sciences* 17(4):426–433. doi: 10.1111/nhs.12210 [2014 IF=1.04]
179. Lin SC, Tsai KW, Chen MW, **Koo M*** (2015) Prevention and management of geriatric sarcopenia. [老年人肌少症之預防與照護] (in Chinese) *Tzu Chi Nursing Journal* 14(2):62–68.
180. Chiang JK, **Koo M**, Kao YH* (2015) Development of a user-friendly graphic tool to estimate individualized survival curves for advanced cancer patients in hospice care. *Journal of Palliative Care* 31(1):29–35. (Kao & Koo contributed equally to this work) [2014 IF=2.36]
181. **Koo M**, Lu MC, Lai CY* (2015) Tabular displays of data in medical journal articles. [醫學期刊論文表格製作] (in Chinese) *Formosan Journal of Medicine* 19(3):311–315. doi:10.6320/FJM.2015.19(3).12
182. Lu MC, Yin WY, Liu SQ, **Koo M**, Tung CH, Huang KY, Lai NS* (2015) Increased prevalence of JC polyomavirus viremia was associated with arthritis/arthritis in patients with systemic lupus erythematosus. *Lupus* 24(7):687–694. doi:10.1177/0961203314559629 [2014 IF=2.20]
183. Hsieh YH*, **Koo M** (2014) Bowel preparation: Is endoscopic administration worth the extra risk? (editorial) *Digestive Diseases and Sciences* 60(1):1–3. doi:10.1007/s10620-014-3441-7 [2013 IF=2.55]
184. Lai CY, Lu MC, **Koo M*** (2014) Analysis of patient-oriented features on the websites of medical centers, regional hospitals, and district hospitals in Taipei City, Taiwan. *Journal of Taiwan Association for Medical Informatics* 23(3):13–24.
185. Lee MH, **Koo M**, Yeh YC* (2014) Factors associated with sleep quality among shiftwork firefighters. [影響輪班消防人員睡眠品質因子之探討] (in Chinese) *Journal of*

Occupational Safety and Health (Koo & Lee contributed equally to this work)
22(3):224–234.

186. **Koo M**, Liang KL, Jiang RS, Tsao H, Yeh YC* (2014) Association between disease-specific quality of life and complementary medicine use in patients with rhinitis in Taiwan: a cross-sectional survey study. *Evidence-Based Complementary and Alternative Medicine* 2014:958524. doi:10.1155/2014/958524 (Koo & Liang contributed equally to this work) [2013 IF=2.18]
187. Yin WY, **Koo M**, Lee MC, Lu MC* (2014) Incidence of non-Hodgkin lymphomas and the ten most commonly diagnosed cancers following heart transplantation: a nationwide population-based study in Taiwan. *Transplantation* (Yin & Koo contributed equally to this work) 98(7):e71–73. doi:10.1097/TP.0000000000000374 [2013 IF=3.54]
188. Lu MC, Yan ST, Yin WY, **Koo M***, Lai NS* (2014) Risk of rheumatoid arthritis in patients with type 2 diabetes: a nationwide population-based case-control study. *PLoS ONE* 9(7):e101528. doi:10.1371/journal.pone.0101528 (Koo & Lai are co-corresponding authors) [2013 IF=3.54]
189. Tsai KW, Lin SC, **Koo M*** (2014) Factors associated with the uptake of seasonal influenza vaccination among elderly in Taiwan - Analysis of the 2009 National Health Interview Survey. [台灣老年人接種季節性流行性感冒疫苗的相關因子—2009年國民健康訪問暨藥物濫用調查] (in Chinese) *Taiwan Geriatrics and Gerontology* 9(1):28–41. (This paper won the third prize in the 2015 best original article in *Taiwan Geriatrics and Gerontology*)
190. Lai NS, Tsai TY, **Koo M**, Huang KY, Tung CH, Lu MC* (2014) Patterns of ambulatory medical care utilization and rheumatologist consultation predating the diagnosis of systemic lupus erythematosus: A national population-based study. *PLOS ONE* 9(7):e101485. doi:10.1371/journal.pone.0101485 [2013 IF=3.54]
191. Lu MC, Fa WH, Tsai TY, **Koo M***, Lai NS* (2014) Increased utilization of eye disorder-related ambulatory medical services prior to the diagnosis of Sjögren syndrome in female patients. *BMJ Open* 4(5):e003862. doi:10.1136/bmjopen-2013-003862 (Koo & Lai are co-corresponding authors) [2012 IF=1.58]

192. Lin SC, **Koo M***, Tsai KW (2014) Association between *Helicobacter pylori* infection and risk of osteoporosis in elderly Taiwanese women with upper gastrointestinal diseases - a retrospective patient record review. *Gastroenterology Research and Practice* 2014: 814756. doi:10.1155/2014/814756 [2012 IF=1.62]
193. Chen MJ, Lin JS, Chen CY*, **Koo M*** (2014) Association between body constitution of Chinese medicine and acne in male university students. [男性大學生的中醫體質與痤瘡之關係] (in Chinese) *Journal of Chinese Medicine* 25(2):189–203. doi:10.3966/101764462014122502005
194. **Koo M*** (2014) Complementary and alternative medicine on Wikipedia: opportunities for improvement. *Evidence-Based Complementary and Alternative Medicine* 2014:105186. doi:10.1155/2014/105186 [2012 IF=1.72]
195. Lu MC, Jheng CH, Tsai TY, **Koo M***, Lai NS* (2014) Increased dental visits in patients prior to diagnosis of primary Sjögren's syndrome: a longitudinal population-based study in Taiwan. *Rheumatology International* 34(11): 1555–1561. doi:10.1007/s00296-014-3003-5. (Koo & Lai are co-corresponding authors) [2012 IF=2.22]
196. Hsieh YH, **Koo M**, Leung FW* (2014) A patient-blinded randomized, controlled trial comparing air insufflation, water immersion and water exchange during minimally sedated colonoscopy. *American Journal of Gastroenterology* 109(9):1390–1400. doi:10.1038/ajg.2014.126 [2013 IF=9.21]
197. Chen HM, Tsai MT, Wu R, **Koo M*** (2014) Outcomes of a visual training program on children with myopia - a pilot study. *Evidence-based Natural Medicine* 1(1):15–21.
198. Yang SW, **Koo M*** (2014) Use of complementary and alternative medicine for the management of HIV/AIDS: a psychoneuroimmunology perspective. [以心理神經免疫學角度探討輔助與替代療法於愛滋病病毒感染者之應用](in Chinese) *Evidence-based Natural Medicine* 1(1):23–36.
199. **Koo M**, Lu MC, Tsai TY, Lai CY* (2014) Secondary data analysis: research applications for healthcare providers. [醫療人員如何應用次級資料分析] (in Chinese) *Formosan Journal of Medicine* 18(4):471–479. doi:10.6320/FJM.2014.18(4).13

200. Lai NS, Tsai TY, Li CY, **Koo M**, Yu CL, Lu MC* (2014) Increased frequency and costs of ambulatory medical care utilization prior to the diagnosis of rheumatoid arthritis: a national population-based study. *Arthritis Care & Research* 66(3):371–378. doi:10.1002/acr.22146 [2012 IF=3.73]
201. Hsu TK, **Koo M**, Yeh YC* (2014) Factors associated with the use of complementary medicine in emergency department physicians in Taiwan. [影響台灣急診科醫師使用輔助療法之相關因子] (in Chinese) *Formosan Journal of Medicine* 18:153–162. doi:10.6320/FJM.2014.18(2).03 (Koo & Hsu contributed equally to this manuscript)