



藥看有，才安心！「愛家小藥師」，從阿

公用藥開始的智慧醫療

臺北榮民總醫院家庭醫學部
陳育群醫師

現職：

國立陽明大學醫學院醫學系家庭醫學科副教授
台北榮民總醫院家庭醫學部家庭醫學科主任

學歷：

2009-2011 德國海德堡大學 醫學院 醫療資訊 醫學博士
2001-2003 國立陽明大學 醫學院 衛生資訊與決策研究所 碩士
1994-2001 國立陽明大學 醫學系 學士

工作經驗：

2019-迄今 台北榮民總醫院家庭醫學部家庭醫學科主任
2018-迄今 國立陽明大學生物資訊所合聘副教授
2016-迄今 國立陽明大學醫學院醫學系家庭醫學科副教授
2016-迄今 國立陽明大學醫務管理所合聘副教授
2017-2019 台北榮民總醫院家庭醫學科主治醫師
2016-2017 國立陽明大學附設醫院 教學研究部主任
2015-2016 國立陽明大學附設醫院 家庭醫學科主任
2013-2016 國立陽明大學附設醫院 教學研究部副主任
2013-2016 國立陽明大學醫學院醫學系家庭醫學科助理教授
國立陽明大學醫務管理所合聘助理教授
2012-2013 國立陽明大學醫務管理所兼任助理教授
2011-2013 國立陽明大學附設醫院 教學研究部 主治醫師
2008-2009 台北榮民總醫院 家庭醫學部 住院總醫師
國立陽明大學 醫學院 醫學系 兼任講師
2005-2008 台北榮民總醫院 家庭醫學部 住院醫師
2003-2005 (義務役)基隆後備司令部、北區後備司令部少尉軍醫官

研究方向：

研究興趣在於「醫療資訊」及「健康管理」。結合臨床醫學、醫療資訊、醫療數據，創造嶄新醫療照護價值與服務模式。

SCI 發表數量	總引用數量	平均引用 IF	H-index
112	2,208	20.8	27
近三年計畫	近三年專利	近三年產學合作	近三年大數據演講
12	1	1	78

具體成果包括利用醫療大數據發展「台灣科學中醫藥物圖譜」、智慧居家醫療「愛家小藥師」藥物辨識工具取得專利，目前已發表 112 篇 SCI 論文(近五年內共發表 26 篇 SCI 論文)於國際知名期刊，論文引用率高(H-index=27，平均引用次數=26)。

	第一作者 論文篇數	通訊作者論文篇數 (非第一作者)	其他序位作者 論文篇數	總篇數
SCI 論文	16	31	66	113

學術成果：目前共發表 120 篇期刊論文，其中 113 篇為 SCI 論文，依研究主軸區分如下：

1. 「**醫療資料探勘**」：本系列研究著眼於發展創新資料探勘技術，不僅成功分析中醫大量且複雜處方的型態，創造「台灣大數據中醫藥物平台」，作為新藥開發重要基礎^[20, 23, 25, 31, 32, 34, 39, 40, 42, 47, 51, 75, 84, 94, 106, 111]。另外還利用最先進的網路分析方法解析台灣醫療環境下病患與醫院之間的複雜就醫行為^[s6,s8]。
2. 「**醫療安全與效益比較分析**」：本系列研究為藥物或手術治療安全性及效用實證研究，包括高血壓藥物與癌症發生的關連性^[82]、抗凝血藥物與心臟病發生之關連^[90]、降血糖藥物^[52]、降血脂藥物^[33, 83, 88]及停經後婦女荷爾蒙替代療法藥物的安全性^[63]，更重要的，本系列研究亦探討手術與手術後可能的風險，包括前位頸椎間盤手術術後副作用^[21]、比較脊椎病變手術風險^[61,64]、頸椎手術與鄰近神經節疾病再發生率^[67]、經皮椎體整形術中風風險^[68]、腰脊椎融合手術中風風險^[59]、大腦導水管之後續併發症^[77]都是臨床治療的重要關注議題。
3. 「**疾病世代研究**」：此系列研究探討各種疾病在台灣本土流行的情形，結果不僅對於疾病發生與預防有重大貢獻^[18, 22, 38, 53, 60, 錯誤! 找不到參照來源。], 80, 87, 89, 99, 100, 102]，亦可進行國際比較種族差異、更利用世代研究追蹤發現疾病與後遺症的關連性包括小兒腹股溝疝氣^[65, 77]、骨質疏鬆骨折^[50]、脊椎後韌帶硬化症^[16]、脊椎損傷與頸椎關節沾黏^[26, 49]後中風發生率^[30, 62]、人類疱疹病毒^[58]、胃食道逆流^[73]與心房纖維顫動的關係、皮膚炎^[70]黴漿菌肺炎^[86]與中風之關連、類天疱瘡^[87]與皮膚炎^[102]之癌症發生率以及醫師職業疾病風險^[14]。

4. 「**藥物流行病學**」：這是國內第一個大規模探討老年人不適當用藥安全及其耗費醫療資源的研究，喚起學界對老人醫學及用藥安全的關注^[96,98]，甚至發現腹膜透析用藥與氣溫的特殊關連性^[95]。
5. 「**病患行為**」：此系列研究為台灣第一個有系統廣泛探討各個族群的中西醫療利用行為，包括台灣全國民眾^[17,110]、青春期女性^[91]、懷孕中婦女^[97]、特殊疾病^[71, 103]以及兒童^[66]利用傳統中醫情形；另外因應老年社會，亦探討安寧照護死亡地點選擇^[19]、老年人使用侵入性治療的態度^[104]、精神科藥物^[113]的使用情形。此系列研究結果詳實地位重要，發表後常被引用。
6. 「**醫療文獻計量學**」：持續創新除了有賴研究發展外，最重要的是要能夠分析掌握研究的新脈動，本系列文章徹底解構世界各國在醫療科技方面的產出與國際競爭力，掌握熱門研究標的，提升研發競爭力^[29, 41, 76, 78, 79, 108, 109, 112]。
7. 「**醫療政策與行為**」：本系列研究以嶄新分析技術詮釋社會物理學分析整體政策對於醫療個體之影響，包括研究探討全國醫師教育醫師行為與整體死亡率之影響^[46]，就診行為與死亡率之影響^[28]，中心脊髓症候群醫療花費^[24]，躁鬱症病患經濟地位對死亡率之影響^[27]，破傷風疫苗接種研究^[15]為醫療政策提供重要參考。
8. 「**臨床試驗**」：參與多個臨床試驗包括脊髓損傷神經再生^[85, 92, 101, 105, 107]、老年^[93]、肺結核治療^[72]及肺炎重症^[81]等重要臨床試驗研究。

◎ SCI 期刊論文 (*: 通訊作者)

2020

1. Wu JC, Huang WC, Chang HK, Ko CC, Lirng JF, **Chen YC***
 Natural history of acromegaly: Incidences, re-operations, cancers, and mortality rates in a national cohort. (大數據健康管理-罕見疾病肢端肥大症之發生率、開刀治療、後續癌症與死亡率之研究)
Neuroendocrinology 2019. [SCI] [PMID: 31822015]
2. Huang WC, Wu JC, Chang HK, **Chen YC***
 Early discharged lumbar spine fusion reduced postoperative readmissions: A retrospective cohort study. (術後再住院風險管理:提早出院可減少腰椎融合手術術後再住院風險)
International Journal of Environmental Research and Public Health 2020, 17(4), pii: E1335; <https://doi.org/10.3390/ijerph17041335> [SCI][SSCI][PMID: 32092970]
3. Su MC, Wang YJ, Li CC, Hu LH, Yang SJ, Huang MS, Chiu SH, Chang HT, Chen TJ, Wu JC, **Chen YC***
 Assess the performance and cost-effectiveness of LACE and HOSPITAL re-admission prediction models as a risk management tool for home care patients: An evaluation study of a medical center affiliated home care unit in Taiwan. (預測與處方性分析-再住院預測模式居家醫療病患之效果評估-以台灣醫學中心居家護理所為例)
International Journal of Environmental Research and Public Health 2020, 17(3), pii: E927 [SCI] [PMID: 32024309]
4. Pan YJ, **Chen YC**, Lu SR, Juang KD, Chen SP, Wang YF, Fuh JL, Wan, SJ
 The influence of friendship on migraine in young adolescents: A social network analysis. (青少年友誼網絡關係對於偏頭痛症狀之影響: 青少年友誼社交網路分析)
Cephalalgia (accepted)
5. Kang SC, Lin CC, Tsai CC, Lu YH, Huang CF, **Chen YC**
 Characteristics of frequent attenders compared with non-frequent attenders in primary care: Study of remote communities in Taiwan. (基層醫療尋常性就醫者之特性: 以台灣偏鄉社區為例)
Healthcare 2020, 8(2), 96; <https://doi.org/10.3390/healthcare8020096>

2019

6. **Chen YC***, Wu JC, Chang HK, Huang WC.
Early discharge for anterior cervical fusion surgery: Prediction of readmission and special considerations for older adults. (大數據健康管理-高齡病患頸椎手術提早出院之再住院風險預測)
International Journal of Environmental Research and Public Health 2019; 16(4). pii: E641. [SCI] [PMID: 30795609]
7. **Chen YC**, Huang WC, Chang HK, Lirng JF, Wu JC.
Long term outcomes and effects of surgery on degenerative spinal deformity: A 14-year national cohort study. (大數據健康管理-退化性脊椎變形手術之長期預後分析)
Journal of Clinical Medicine 2019; 8(4). pii: E483. [SCI] [PMID: 30974773]
8. **Chen YC**, Kuo CH, Cheng CM, Wu JC.
Recent advances in the management of cervical spondylotic myelopathy: bibliometric analysis and surgical perspectives. (文獻計量分析脊髓型頸椎病外科手術方面最新發展)
Journal of Neurosurgery: Spine 2019;31(3):299-309. [SCI] [PMID: 31473666]
9. Wu JC, Chang HK, Huang WC, **Chen YC***
Risk factors of second surgery for adjacent segment disease following anterior cervical discectomy and fusion: A 16-year cohort study. (大數據健康管理-頸椎手術後 16 年鄰近節病變再手術之長期預測因子)
International Journal of Surgery 2019; 68: 48–55. [SCI] [PMID: 31212028]
10. Huang LC, Chung WF, Liu SW, Wu JC, Chen LF, **Chen YC***.
Characteristics of non-emergent visits in emergency departments: Profiles and longitudinal pattern changes in Taiwan, 2000–2010. (台灣地區非緊急急診型態與政策時序變化分析) (共同通訊作者)
International Journal of Environmental Research and Public Health 2019; 5:16(11). pii: E1999. [SCI] [PMID: 31195627]
11. Chen HY, Pan HC, Chen YC, **Chen YC**, Lin YH, Yang SH, Chen JL, Wu HT.
Traditional Chinese medicine use is associated with lower end-stage renal disease and mortality rates among patients with diabetic nephropathy: A population-based cohort study. (中醫藥可能降低糖尿病之腎病患者腎臟衰竭發生率與死亡率)
BMC Complementary and Alternative Medicine 2019; 19(1):81. [SCI] [PMID: 30943956]

12. Tsai WC, Lee WC, Chiang SC, **Chen YC**, Chen TJ
 Factors of missed appointments at an academic medical center in Taiwan. (台灣地區醫學中心門診病患未到診影響因素之研究)
Journal of the Chinese Medical Association 2019;82(5);436-442 [SCI] [PMID: 30907780]

13. Chen CK, Chang HT, **Chen YC**, Chiang SC, Chou HP, Chen TJ
 Utilization and safety of percutaneous lung biopsy: A 10-year nationwide population-based study. (經皮肺穿刺術在台灣使用以及安全性之十年長期研究)
International Journal of Environmental Research and Public Health 2019, 16, 1316. [SCI] [PMID: 31013710]

- 2018**

14. Huang WC, Kuo CH, Wu JC, **Chen YC***.
 Higher risk of intervertebral disc herniation among neurosurgeons than neurologists: 15 year-follow-up of a physician cohort. (大數據職業風險管理-神經外科醫師有較高椎間盤疾病風險: 台灣醫師 15 年追蹤研究) (共同通訊作者)
Journal of Clinical Medicine 2018; 7(8). pii: 198 [SCI] [PMID: 30072677]

15. Liu SW, Huang LC, Chung WF, Wu JC, Chen LF, **Chen YC***.
 Tetanus vaccination and extra-immunization among adult populations: Eight-year follow up cohort study of 771,443 adults in Taiwan, 2006–2013. (破傷風疫苗接種與重覆施打相關因子研究: 以台灣地區 8 年長期追蹤為例) (共同通訊作者)
International Journal of Environmental Research and Public Health 2018; 15(8). pii: 1622. [SCI] [PMID: 30071598]

16. Wu JC, **Chen YC**, Huang WC.
 Ossification of the posterior longitudinal ligament in cervical spine: prevalence, management, and prognosis. (脊椎後韌帶硬化症患者頸椎受傷發生率、處置與預後)
Neurospine 2018;15(1):1-9. [SCI] [PMID: 29656627]

17. Wang YJ, Chiang SC, Lee PC, **Chen YC**, Chou LF, Chou YC, Chen TJ.
 Is excessive polypharmacy a transient or persistent phenomenon? A nationwide cohort study in Taiwan. (利用台灣全國資料庫分析台灣民眾多重用藥行為)
Frontiers in Pharmacology 2018;9:120 [SCI] [PMID: 29515446]

2017

18. Huang JW, Lin YY, Wu NY, **Chen YC***
Rural older people had lower mortality after accidental falls than non-rural older people. (鄉村高齡長者有較高跌倒後死亡率)
Clinical Interventions in Aging 2017;12:97-102 [SCI] [PMID: 28123289]

19. Lin HY, Kang SC, **Chen YC**, Chang YC, Wang WS, Lo SS.
Place of death for hospice-cared terminal patients with cancer: A nationwide retrospective study in Taiwan. (末期病患接受安寧照護後死亡地點選擇研究)
Journal of the Chinese Medical Association 2017;80:227-232 [SCI] [PMID: 28169209]

20. Tsai PJ, Lin YH, Chen JL, Yang SH, **Chen YC**, Chen HY
Identifying Chinese herbal medicine network for endometriosis: implications from a population-based database in Taiwan. (子宮內膜異位中醫處方網路分析)
Evidence-based Complementary and Alternative Medicine 2017;2017:7501015[SCI] [PMID: 28740539]

21. Chung WF, Liu SW, Huang LC, Chang HK, Wu JC, Chen LF, **Chen YC**, Huang WC, Cheng H, Lo SS
Serious dysphagia following anterior cervical discectomy and fusion: Long-term incidence in a national cohort. (前位頸椎間盤切除及骨融合手術術後發生嚴重吞嚥困難副作用之全國性研究)
Journal of Neurosurgical Sciences 2017 [SCI] [PMID: 28497666]

22. Liu SW, Huang LC, Chung WF, Chang HK, Wu JC, Chen LF, **Chen YC**, Huang WC, Cheng H, Lo SS
Increased risk of stroke in patients of concussion: A nationwide cohort study. (腦震盪會增加中風發生危險性)
International Journal of Environmental Research and Public Health 2017; 25:14(3). [SCI] [PMID: 28245607]

- 2016**
23. **Chen YC**, Lin YH, Hu S, Chen HY.
Characteristics of traditional Chinese medicine users and prescription analysis for pediatric atopic dermatitis: a population-based study. (兒童異位性皮膚炎中醫處方及療效分析)
BMC Complementary Alternative Medicine. 2016;16:173. [SCI] [PMID: 27276875]

24. Chen LF, Chang HK, **Chen YC***, Wu JC, Huang WC, Cheng H, Lo SS
 Five-year medical expenses of central cord syndrome: Analysis using a national cohort. (中心脊髓症候群醫療耗費之全國性研究) (共同通訊作者)
Journal of Neurosurgical Sciences 2016 [SCI] [PMID: 27759739]

25. Chen HY, Lin YH, **Chen YC***
 Identifying Chinese herbal medicine network for treating acne: Implications from a nationwide database. (利用資料探勘網路分析青春痘之中醫治療處方)
Journal of Ethnopharmacology 2016;179;1-8 [SCI][PMID: 26721214]

26. Chen LF, Tu TH, **Chen YC**, Wu JC, Chang PY, Liu L, Huang WC, Lo SS, Cheng H
 Risk of spinal cord injury in patients with cervical spondylotic myelopathy and ossification of posterior longitudinal ligament: A national cohort study. (頸椎關節沾黏脊髓病變與脊椎後韌帶硬化症患者頸椎受傷病變之發生率研究)
Neurosurgical focus 2016;40(6);E4 [SCI] [PMID: 27246487]

27. Pan YJ, Yeh LL, **Chen YC**, Kuo KH, Chang CK.
 Hospital treatment, mortality and healthcare costs in relation to socioeconomic status among people with bipolar affective disorder. (躁鬱症病患社會經濟狀況對於住院死亡率、醫療利用之影響)
British Journal of Psychiatry Open. 2016;13;2(1):10-17. [PMID: 27703748]

28. Pan YJ, Yeh LL, **Chen YC**, Chan HY
 Three-year mortality in relation to early hospitalization and number of outpatient clinic visits in people with newly diagnosed bipolar disorder. (早期住院與門診治療可能降低新診斷躁鬱症病患三年死亡率)
General Hospital Psychiatry 2016;43;32-37 [SCI][PMID: 27796255]

29. Chang HT, Lin MH, Chen CK, Hwang SJ, Hwang IH, **Chen YC**.
 Hospice palliative care article publications: An analysis of the Web of Science database from 1993 to 2013. (安寧照護 10 年之文獻計量分析)
Journal of the Chinese Medical Association. 2016;79(1):29-33. [SCI] [PMID: 26341454]

30. Huang LC, Chung WF, Liu SW, Chang PY, Lin FS, Chen LF, Wu JC, **Chen YC***, Liu L, Huang WC, Cheng H, Lo SS
 Lower risk of stroke after deformity surgery: long term benefit demonstrated by a national cohort study. (脊椎變形矯正手術可降低長期中風風險) (共同通訊作者)
International Journal of Environmental Research and Public Health 2015;12:12618-12627. [SCI] [[PMID: 26473897](#)]

31. Chen HY, Lin YH, Huang JW, **Chen YC***
 Chinese herbal medicine network and core treatments for allergic skin diseases: implications from a nationwide database. (利用資料探勘網路分析過敏性皮膚疾病之中醫治療處方)
Journal of Ethnopharmacology 2015;168:260-267 [SCI] [[PMID:25865681](#)]

32. Chen HY, Lin YH, Wu JC, Sindy Hu, Yang SH, Chen JL, **Chen YC***, Lo SS
 Use of traditional Chinese medicine reduces exposure to corticosteroid among atopic dermatitis children: a 1-year follow-up cohort study. (中醫治療可以減少兒童異位性皮膚炎類固醇使用量)
Journal of Ethnopharmacology 2015;159:189-196 [SCI] [[PMID:25449448](#)]

33. Chung WF, Liu SW, Chang PY, Lin FS, Chen LF, Wu JC, **Chen YC***, Liu L, Huang WC, Cheng H, Lo SS
 Hyperlipidemia and statins affect neurological outcome in lumbar spine injury. (Statin 藥物會影響腰椎受傷之神經病變預後) (共同通訊作者)
International Journal of Environmental Research and Public Health 2015;12:402-413. [SCI] [[PMID:25568970](#)]

34. Chen HY, Lin YH, Sindy Hu, Yang SH, Chen JL, **Chen YC***
 Identifying Chinese herbal medicine network for eczema: Implications from a nationwide prescription database. (利用台灣健保資料庫發掘濕疹中醫治療圖譜)
Evidence-based Complementary and Alternative Medicine 2015;2015:347164 [SCI] [[PMID:25685167](#)]

35. Kuo CH, Yen YS, Wu JC, **Chen YC**, Huang WC, Cheng H
 Primary endoscopic transnasal transsphenoidal surgery for magnetic resonance image-positive Cushing disease: Outcomes of a series over 14 years
World Neurosurgery 2015; 84(3) :772-779. [SCI] [[PMID: 25957728](#)]

36. Chang HK, Huang WC, Wu JC, Tu TH, Fay LY, Chang PY, Wu CL, Chang HC, **Chen YC**, Cheng H.

Cervical arthroplasty for traumatic disc herniation: An age- and sex-matched comparison with anterior cervical discectomy and fusion.

BMC Musculoskeleton Disorder. 2015;28;16:228. [SCI] [PMID: 26316216]

37. Chang CC, Chiu CC, Chiang CH, Huang CC, Chan WL, Huang PH, **Chen YC**, Chen TJ, Chung CM, Lin SJ, Chen JW, Leu HB.

Obstructive sleep apnea and the risk of ischemic stroke in patients with atrial fibrillation.

International Journal of Cardiology. 2015;15;181:144-146. [SCI] [PMID: 25497540]

2014

38. Tsai TC, **Chen YC**, Lo CW, Wang WS, Lo SS, Tang GJ, Thien PF.

Incidence and renal survival of ESRD in the young Taiwanese population. (台灣年輕族群末期腎臟病之發生率與腎臟存活期研究) (共同第一作者)

Clinical Journal of the American Society of Nephrology 2014;9: 302-309. [SCI] [PMID:24262507]

39. Chen HY, Huang BS, Lin YH, Su I, Yang SH, Chen JL, Huang JW, **Chen YC***

Identifying Chinese herbal medicine for premenstrual syndrome: Implications from a nationwide Database. (利用健保資料庫發掘經前症候群之核心處方)

BMC Complementary and Alternative Medicine 2014, 14:206. [SCI] [PMID:24969368]

40. Chen HY, Lin YH, Su I, **Chen YC***, Yang SH, Chen JL

Investigation on Chinese herbal medicine for primary dysmenorrhea: Implication from a nationwide prescription database in Taiwan. (利用台灣健保資料庫發掘痛經之核心處方)

Complementary Therapies in Medicine 2014;22:116-125. [SCI] [PMID:24559826]

41. Lin MH, Hwang SJ, Hwang IH, **Chen YC**

Family medicine publications in Taiwan: An analysis of the Web of Science database from 1993 to 2012. (台灣家庭醫學發展趨勢)

Journal of the Chinese Medical Association 2014;77:583-588 [SCI] [PMID:25238712]

42. Chen FP, Chang CM, Hwang SJ, **Chen YC**, Chen FJ

Chinese herbal prescriptions for osteoarthritis in Taiwan: analysis of national health insurance dataset. (利用台灣健保資料庫發掘退化性關節炎之核心處方)

BMC complementary and alternative medicine 2014;14(1):91. [SCI] [PMID:24606767]

43. Feng JY, Liu KT, Abraham E, **Chen CY**, Tsai PY, Chen YC, Lee YC, Yang KY.
Serum estradiol levels predict survival and acute kidney injury in patients with septic shock--a prospective study.
PLoS One. 2014;6;9(6):e97967. [SCI] [PMID: 24904990]
44. Chan WL, Yang KP, Chao TF, Huang CC, Huang PH, **Chen YC**, Chen TJ, Lin SJ, Chen JW, Leu HB.
The association of asthma and atrial fibrillation--a nationwide population-based nested case-control study.
International Journal of Cardiology 2014;176(2):464-9. [SCI] [PMID: 25127961]
45. Feng JY, Huang SF, Ting WY, Lee MC, **Chen YC**, Lin YY, Lee YC, Su WJ.
Impact of cigarette smoking on latent tuberculosis infection: does age matter?
The European Respiratory Journal. 2014;43(2):630-632. [SCI] [PMID: 24072215]
- 2013**
46. **Chen YC**, Change SC, Pu C, Tang GJ.
The impact of nationwide education program on clinical practice in sepsis care and mortality of severe sepsis: A population-based study in Taiwan. (全國醫師教育對醫師行為與整體死亡率之影響：以台灣嚴重敗血症教育訓練為例) (共同第一作者)
PLoS ONE 2013;8(10): e77414. [SCI] [PMID:23815246]
47. Chen HY, Lin YH, Thien PF, Chang SC, **Chen YC***, Lo SS, Yang SH, Chen JL.
Identifying core herbal treatments for children with asthma: Implication from a Chinese herbal medicine database in Taiwan. (利用台灣健保資料庫發掘兒童氣喘之核心處方)
Evidence-Based Complementary And Alternative Medicine 2013;2013:125943 [SCI] [PMID:24066007]
48. **Chen YC**, Cheng MW, Wu HT.
Non-parametric and adaptive modelling of dynamic periodicity and trend with heteroscedastic and dependent errors. (長期趨勢與季節變化之無母數可適性分析方法)
Journal of the Royal Statistical Society Series B-Statistical Methodology 2013;76(3):651-682 [SCI]

49. Wu JC, Ko CC, Yen YS, Huang WC, **Chen YC***, Liu L, Tu TH, Lo SS, Cheng H.
Epidemiology of cervical spondylotic myelopathy and its risk of spinal cord injury: A national cohort study. (頸椎關節沾黏脊髓病變與脊髓損傷之流行病學調查)
Neurosurgical Focus 2013;35 (1):E10 [SCI] [PMID:23815246]

50. **Chen YC**, Wu JC, Liu L, Huang WC, Cheng H, Chen TJ, Thien PF, Lo SS.
Hospitalized osteoporotic vertebral fracture increases the risk of stroke: A population-based cohort study. (骨質疏鬆脊椎骨折會增加中風風險)
Journal of Bone and Mineral Research 2013;28(3):516-523 [SCI] [PMID:22836881]

51. Lin YH, **Chen YC**, Hu S, Chen HY, Chen JL, Yang SH.
Identifying core herbal treatments for urticaria using Taiwan's nationwide prescription database. (中醫治療蕁麻疹核心處方分析)
Journal of Ethnopharmacology 2013;148(2):556-562. [SCI] [PMID: 23684721]

52. Chiu CC, Huang CC, **Chen YC**, Chen TJ, Liang Y, Lin SJ, Chen JW, Leu HB, Chan WL.
Increased risk of gastrointestinal malignancy in patients with diabetes mellitus and correlations with anti-diabetes drugs: A nationwide population-based study in Taiwan. (降血糖藥物可能會增加糖尿病患腸胃道癌症)
Internal Medicine. 2013;52(9):939-946. [SCI] [PMID:23648711]

53. Chen YC, Lin YH, Chen SH, **Chen YC**, Chou LF, Chen TJ, Hwang SJ.
Epidemiology of adrenal insufficiency: A nationwide study of hospitalizations in Taiwan from 1996 to 2008. (台灣地區腎上腺素不足住院流行病學調查)
Journal of the Chinese Medical Association 2013;76:140-145 [SCI] [PMID:23497966]

54. Feng JY, Huang SF, Lee MC, Ting WY, **Chen YC**, Lin YY; Lee YC, Su WJ.
Characteristics of IFN-gamma responses in IGRA among pulmonary TB suspects in a TB-endemic area. (γ -干擾素對於肺結核的診斷)
Diagnostic Microbiology and Infections Disease 2013;77(1):46-52 [SCI] [PMID:23867329]

55. Chen CK, Chang HT, **Chen YC**, Chen TJ, Chen IM, Shih CC.
Surgeon elective abdominal aortic aneurysm repair volume and outcomes of ruptured abdominal aortic aneurysm repair: a 12-year nationwide study.
World Journal of Surgery. 2013;37(10):2360-71. [SCI] [PMID: 23860878]

56. Huang CC, Chan WL, **Chen YC**, Chen TJ, Chung CM, Huang PH, Lin SJ, Chen JW, Leu HB
The beneficial effects of statins in patients undergoing hemodialysis
International Journal of Cardiology 2013;168(4):4155-4159 [SCI] [PMID: 23928338]
57. Chen YC, Lin YH, Chen SH, **Chen YC**, Chou LF, Chen TJ, Hwang SJ
Epidemiology of adrenal insufficiency: A nationwide study of hospitalizations in Taiwan from 1996 to 2008
Journal of the Chinese Medical Association 2013; 76(3); 140-145 [SCI] [PMID: 23497966]
58. Chiang CH, Huang CC, Chan WL, Huang PH, **Chen YC**, Chen TJ, Lin SJ, Chen JW, Leu HB.
Herpes simplex virus infection and risk of atrial fibrillation: A nationwide study. (人類泡疹病毒感染與心房纖維顫動的關係)
International Journal of Cardiology 2013;164(2):201-204 [SCI] [PMID:21782262]

2012

59. Wu JC, **Chen YC***, Liu L, Huang WC, Thien PF, Chen TJ, Cheng H, Lo SS.
Lumbar spine fusion surgery and stroke: A national cohort study. (腰脊椎融合手術與術後中風風險評估)
The European Spine Journal 2012;21:2680-7 [SCI] [PMID:22722922]
60. Chien LC, Wu JC, **Chen YC***, Liu L, Huang WC, Chen TJ, Thien PF, Lo SS, Cheng H.
Age, sex, and socio-economic status affect the incidence of pediatric spinal cord injury: An eleven-year national cohort study. (台灣地區 11 年全國兒童脊髓損傷發生率研究)
PLoS ONE 2012 7(6):e39264 [SCI] [PMID:22761749]
61. Wu JC, **Chen YC***, Liu L, Chen TJ, Huang WC, Thien PF, Cheng H, Lo SS.
The risk of stroke after spinal fusion surgery: A national cohort study. (脊椎融合手術不會增加中風風險)
The Spine Journal 2012 ;12(6):492-9 [SCI] [PMID:22703754]
62. Wu JC, **Chen YC***, Liu L, Chen TJ, Huang WC, Cheng H, Su TP.
Increased risk of stroke after spinal cord injury: A nationwide four-year follow-up cohort study. (脊髓損傷後將會增加中風的風險)
Neurology 2012;78:1051-7 [SCI] [PMID:22453198]

63. Su I, **Chen YC**, Hwang WT, Liu Z, Su TP, Chen TJ, Barnhart K, Yang YX.
Risks and benefits of menopausal hormone therapy in postmenopausal Chinese women. (台灣停經後婦女使用荷爾蒙替代性療法的效果與風險評估) (共同第一作者)
Menopause 2012 ;19:931-941 [SCI] [PMID:22377807]

64. Wu JC, **Chen YC***, Liu L, Chen TJ, Huang WC, Lo SS, Thien PF, Cheng H.
Conservatively treated ossification of the posterior longitudinal ligament increases the risk of spinal cord injury: A nationwide cohort study. (脊椎後韌帶硬化症採保守治療法會增加脊椎損傷的風險)
Journal of Neurotrauma 2012;29(3);462-468. [SCI] [PMID:21992063]

65. Wu JC, **Chen YC***, Liu L, Huang WC, Cheng H, Chen TJ, Thien PF, Lo SS.
Younger boys have a higher risk of inguinal hernia after ventriculo-peritoneal shunt: A 13-year nationwide cohort study. (大腦導水管手術年紀與腹股溝疝氣有關:接受大腦導水管手術年紀越小越容易發生腹股溝疝氣)
Journal of the American College of Surgeons 2012;214(5):845-851. [SCI][PMID:22520694]

66. Chen HY, Lin YH, Wu JC, **Chen YC***, Thien PF, Chen TJ, Yang SH, Chen JL, Lo SS.
Characteristics of pediatric traditional Chinese medicine users in Taiwan: A nationwide cohort study. (台灣地區兒童使用中醫因素之全國性分析研究)
Pediatrics 2012;129(6);e1485. [SCI] [PMID:22585761]

67. Wu JC, Liu L, Huang WC, **Chen YC***, Ko CC, Wu CL, Chen TJ, Cheng H, Su TP.
The incidence of adjacent segment disease requiring surgery after anterior cervical discectomy and fusion: Estimation using an 11-year comprehensive nationwide database in Taiwan. (頸椎手術後可能增加鄰近神經節疾病發生率)
Neurosurgery 2012;70(3);594-601. [SCI] [PMID: 22343790]

68. Wu CL, Wu JC, Huang WC, Wu HT, Chiou HJ, Liu L, **Chen YC***, Chen TJ, Cheng H, Chang CY.
The risk of stroke after percutaneous vertebroplasty for osteoporosis: A population-based cohort study. (骨質疏鬆病患接受經皮椎體整形術不會增加中風風險)
PLoS One. 2012;7(1):e31405. [SCI] [PMID:22303486]

69. Wu JC, **Chen YC***, Liu L, Huang WC, Chen TJ, Cheng H, Su TP.
Effects of age, gender, and socio-economic status on the incidence of spinal cord injury: An assessment using the eleven-year comprehensive nationwide database of Taiwan. (探討年齡、性別與社經狀況對脊椎損傷發生率關連性之全國性長期追蹤研究)
Journal of Neurotrauma 2012;29(5):889-97. [SCI] [PMID:21510819]
70. Chiang CH, Huang CC, Chan WL, Huang PH, **Chen YC**, Chen TJ, Chung CM, Lin SJ, Chen JW, Leu HB.
Psoriasis and increased risk of ischemic stroke in Taiwan: A nationwide study. (皮膚炎會增加中風的風險)
The Journal of Dermatology 2012;39(3):279-81. [SCI][PMID:22035230]
71. Yang SH, Chen HY, Lin YH, **Chen YC**
The exploration of disease pattern, Zheng, for differentiation of allergic rhinitis in traditional Chinese medicine practice. (中醫關於過敏性鼻炎之辯證研究)
Evidence-Based Complementary and Alternative Medicine 2012;2012:521780. [SCI] [PMID:22899954]
72. Feng JY, Huang SF, Ting WY, **Chen YC**, Lin YY, Huang RM, Lin CH, Hwang JJ, Lee JJ, Yu MC, Yu KW, Lee YC, Su WJ
Gender differences in treatment outcomes of tuberculosis patients in Taiwan: a prospective observational study. (性別對於肺結核治療的影響: 台灣地區前瞻性觀察研究)
Clinical Microbiology and Infection 2012;18(9):E331-337. [SCI] [PMID:22734962]
73. Huang CC, Chan WL, Luo JC, **Chen YC**, Chen TJ, Chung CM, Huang PH, Lin SJ, Chen JW, Leu HB
Gastroesophageal reflux disease and atrial fibrillation: a nationwide population-based study. (胃食道逆流可能與心房顫動有關)
PLoS One. 2012;7(10):e47575. [SCI][PMID: 23077642]
74. Feng JY, Fang WF, Wu CK, Yu CJ, Lin MC, Ku SC, **Chen YC**, Chen CW, Tu CY, Su WJ, Yang KY
Concomitant pulmonary tuberculosis in hospitalized healthcare-associated pneumonia in a tuberculosis endemic area: A multi-center retrospective study. (亞洲地區肺結核與肺炎感染之多中心研究)
PLoS One. 2012;7(5):e36832. [SCI][PMID: 22629334]

75. Chen HY, Lin YH, Wu JC, **Chen YC***, Yang SH, Chen JL, Chen TJ.
 Prescription patterns of Chinese herbal products for menopausal syndrome: Analysis of a nationwide prescription database. (治療停經症候群的中藥處方分析)
Journal of Ethnopharmacology 2011;137(3):1261-6. [SCI] [PMID:21824510]

76. **Chen YC***, Wu JC, Haschler I, Majeed A, Chen TJ, Wetter T.
 Academic impact of a public electronic health database: Bibliometric analysis of studies using the General Practice Research Database. (開放性醫療資料庫對於學術發展影響力之研究)
PLoS ONE 2011;6(6):e21404. [SCI] [PMID:21731733]

77. **Chen YC**, Wu JC, Liu L, Chen TJ, Huang WC, Cheng H.
 Correlation between ventriculoperitoneal shunts and inguinal hernias in children: An 8-year follow-up. (放置大腦導水管可能增加小兒腹股溝疝氣發生率)
Pediatrics 2011;128(1):e121-126. [SCI] [PMID:21690112]

78. **Chen YC**, Wu JC, Chen TJ, T. Wetter.
 A publicly available database accelerates academic production. (開放大型資料庫學術使用可大幅增加學術生產力)
BMJ 2011;342(779):297-298. [SCI] [PMID:21285219]

79. **Chen YC***, Yeh HY, Wu JC, Haschler I, Chen TJ, Wetter T.
 Taiwan's National Health Insurance Research Database: Administrative health care database as study object in bibliometrics. (利用計量學及視覺化方法分析台灣健保資料庫學術影響力)
Scientometrics 2011;86:365-380. [SCI][SSCI]

80. Wu JC, Liu L, **Chen YC***, Huang WC, Chen TJ, Cheng H.
 Ossification of the posterior longitudinal ligament in the cervical spine: An 11-year comprehensive national epidemiology study. (頸部脊椎後部韌帶骨質化症候群之11年全國性流行病學研究)
Neurosurgical Focus 2011;30(3):E5. [SCI] [PMID:21434821]

81. Yang KY, Liu KT, **Chen YC**, Chen CS, Lee YC, Perng RP, Feng JY.
Plasma soluble vascular endothelial growth factor receptor-1 levels predict outcomes of pneumonia-related septic shock patients: A prospective observational study. (利用 sVEGFR1 預測肺炎引起感染性休克病患預後之前瞻性觀察研究)
Critical Care 2011;15:R11. [SCI] [PMID:21219633]

82. Huang CC, Chan WL, **Chen YC**, Chen TJ, Lin SJ, Chen JW, Leu HB.
Angiotensin II receptor blockers and risk of cancer in patients with systemic hypertension. (ARB 血壓藥可能降低高血壓病患之癌症發生率)
American Journal of Cardiology 2011;107:1028-33. [SCI] [PMID:21256465]

83. Huang CC, Chan WL, **Chen YC**, Chen TJ, Chou KT, Lin SJ, Chen JW, Leu HB.
Statin use and hospitalization in patients with COPD – a nationwide population-based cohort study in Taiwan. (Statin 降血脂藥可降低慢性肺阻塞疾病病患再住院率)
Clinical Therapeutics 2011;33(10):1365-70. [SCI] [PMID:21962452]

84. Chen FP, Jong MS, **Chen YC**, Kung YY, Chen TJ, Chen FJ, Hwang SJ.
Prescriptions of Chinese herbal medicines for insomnia in Taiwan during 2002. (台灣地區治療失眠的中藥處方型態分析)
Evidence-based Complementary and Alternative Medicine 2011;2011:236341. [SCI] [PMID:19339485]

85. Wu JC, Huang WC, **Chen YC**, Tu TH, Tsai YA, Huang SF, Huang SC, Cheng H.
Acidic fibroblast growth factor for repair of human spinal cord injury: A clinical trial. (利用神經原生長因子修補人類脊髓損傷臨床實驗)
Journal of Neurosurgery:Spine 2011;15(3):216-27. [SCI] [PMID:21663406]

86. Chiang CH, Huang CC, Chan WL, **Chen YC**, Chen TJ, Lin SJ, Chen JW, Leu HB.
Association between Mycoplasma pneumonia and increased risk of ischemic stroke: A nationwide study. (黴漿菌肺炎可能增加中風的機率)
Stroke 2011;42(10):2940-2943. [SCI] [PMID:21799166]

87. Chen YJ, Wu CY, Lin MW, Chen TJ, Liao KK, **Chen YC**, Hwang CY, Chu SY, Chen CC, Lee DD, Chang YT, Wang WJ, Liu HN.
Comorbidity profiles among patients with bullous pemphigoid: a nationwide population-based study. (類天疱瘡病患相關共病症之全國性調查研究)
British Journal of Dermatology 2011;165:593-599. [SCI] [PMID:21517800]

88. Huang CC, Chan WL, **Chen YC**, Chen TJ, Chou KT, Lin SJ, Chan WL, Chen JW.
 Statin use in patients with asthma: A nationwide population-based study. (Statin 藥物有助於
 避免氣喘病患再住院)
European Journal of Clinical Investigation 2011;41:507-512. [SCI] [PMID:21128938]
- 2010**
89. Chen YC, **Chen YC**, Chou LF, Chen TJ, Hwang SJ.
 Adrenal insufficiency in the elderly: A nationwide study of hospitalizations in Taiwan. (台灣
 地區老年人住院發生腎上腺素不足之調查)
Tohoku Journal of Experimental Medicine 2010;221:281-285. [SCI] [PMID:20644343]
90. Huang CC, **Chen YC**, Leu HB, Chen TJ, Lin SJ, Chan WL, Chen JW.
 Risk of adverse outcomes in Taiwan associated with concomitant use of clopidogrel and
 proton pump inhibitors in patients who received percutaneous coronary intervention. (經皮
 冠狀動脈介入治療後同時使用 clopidogrel 與氫離子阻斷劑之副作用研究)
American Journal of Cardiology 2010;105:1705-1709. [SCI] [PMID:20538118]
91. Yeh HY, **Chen YC**, Su I, Chou LF, Chao HT, Chen TJ, Hwang SJ.
 Pattern and consequences of first visits to obstetrician/gynecologists by adolescents in
 Taiwan: A nationwide study. (台灣地區青春女性婦產科初診利用情形之全國性調查研
 究)
Journal of the Chinese Medical Association 2010;73:144-149. [SCI] [PMID:20230999]
92. Ko CC, Tsai HW, Huang WC, Wu JC, **Chen YC**, Shih YH, Chen HC, Wu CL, Cheng H.
 Screw loosening in the Dynesys stabilization system: radiographic evidence and effect on
 outcomes. (腰椎固定手術-Dynesys 系統之穩定度與預後分析)
Neurosurgical Focus 2010;28(6):E10. [SCI] [PMID:20568916]
93. Huang CC, **Chen YC**, Chen LK, Hwang SJ, Lin HD.
 Relationship between age and serum thyrotropin among asymptomatic older people in
 Taiwan. (台灣地區老年族群促甲狀腺素與年齡關係之探討)
Archives of Gerontology and Geriatrics 2010;51:117-120. [SCI] [PMID:19819570]
94. Jong MS, Hwang SJ, **Chen YC**, Chen TJ, Chen FJ, Chen FP.
 Prescriptions of Chinese herbal medicine for constipation under the national health insurance
 in Taiwan. (利用台灣健保資料分析中醫治療便秘處方)
Journal of the Chinese Medical Association 2010;73:375-383. [SCI] [PMID:20688304]

95. Chen TW, Li SY, Chen TJ, **Chen YC**, Lai CL, Chen JY, Chou LF.
The effect of weather on peritoneal dialysis (PD) prescription: seasonal variation in PD dialysate utilization. (季節變化氣候因素對腹膜透析處方之影響)
Peritoneal Dialysis International 2010;30:320-328. [SCI] [PMID:20338968]

2009

96. **Chen YC**, Hwang SJ, Lai HY, Chen TJ, Lin MH, Chen LK, Lee CH.
Potentially inappropriate medication for emergency department visits by elderly patients in Taiwan. (台灣地區老年急診病患潛在性不適當處方分析)
Pharmacoepidemiology and Drug Safety 2009;18:53-61. [SCI] [PMID:19111015]
97. Yeh HY, **Chen YC**, Chen FP, Chou LF, Chen TJ, Hwang SJ.
Use of traditional Chinese medicine among pregnant women in Taiwan. (懷孕中婦女使用中醫的情形)
International Journal of Gynecology and Obstetrics 2009;107:147-50. [SCI]
[PMID:19716133]
98. Lai HY, **Chen YC**, Hwang SJ, Chen TJ, Lin MH, Chen LK, Lee CH.
Prevalence of the prescribing of potentially inappropriate medications at ambulatory care visits by elderly patients covered by the Taiwanese National Health Insurance program. (台灣地區老年病患門診潛在性不適當處方分析)
Clinical Therapeutics 2009;8:1859-70. [SCI] [PMID: 19808145]
99. Jih JS, Chen YJ, Lin MW, **Chen YC**, Chen TJ, Huang YL, Chen CC, Lee DD, Chang YT, Wang WJ, Liu HN.
Epidemiological features and costs of herpes zoster in Taiwan: A national study 2000 to 2006. (帶狀疱疹在台灣盛行率與醫療花費之全國性分析研究)
Acta Dermato-Venereologica 2009;89:612-616. [SCI] [PMID:19997693]
100. Chang YT, Chen TJ, Liu PC, **Chen YC**, Chen YJ, Huang YL, Jih JS, Chen CC, Lee DD, Wang WJ, Lin MW, Liu HN.
Epidemiological study of psoriasis in the national health insurance database in Taiwan. (台灣地區大規模乾癬流行病學研究)
Acta Dermato-Venereologica 2009;89:262-266. [SCI] [PMID:19479122]

101. Wu JC, Huang WC, Huang MC, Tsai YA, **Chen YC**, Shih YH, Cheng H.
A novel strategy for repairing preganglionic cervical root avulsion in brachial plexus injury by sural nerve grafting. (以創新腓神經移植技術修補節前臂神經叢神經根損傷研究)
Journal of Neurosurgery 2009;110:775-785. [SCI] [PMID:19119881]
102. Huang YL, Chen YJ, Lin MW, Wu CY, Liu PC, Chen TJ, **Chen YC**, Jih JS, Chen CC, Lee DD, Chang YT, Wang WJ, Liu HN.
Malignancies associated with dermatomyositis and polymyositis in Taiwan: A nationwide population-based study. (台灣地區大規模之皮肌炎與癌症相關性研究)
British Journal of Dermatology 2009;161:854-860. [SCI] [PMID:19558555]
- 2008**
103. **Chen YC**, Chen FP, Chen TJ, Chou LF, Hwang SJ.
Patterns of traditional Chinese medicine use in patients with inflammatory bowel disease: A population study in Taiwan. (台灣地區發炎性腸病病患中醫利用模式之研究)
Hepatogastroenterology 2008;55:467-470. [SCI] [PMID:18613389]
104. Lai HY, **Chen YC**, Chen TJ, Chou LF, Chen LK, Hwang SJ.
Intra-articular hyaluronic acid for treatment of osteoarthritis: A nationwide study among the older population in Taiwan. (台灣地區老年人退化性關節炎接受關節腔內玻尿酸注射的利用分析)
BMC Health Services Research 2008;8:24. [SCI] [PMID:18226238]
105. Wu JC, Huang WC, **Chen YC**, Shih YH, Cheng H.
Stabilization of subaxial cervical spines by lateral mass screw fixation with modified Magerl's technique. (利用改良式 Magerl 技術進行頸椎固定研究)
Surgical Neurology 2008;70(S1):25-33. [SCI] [PMID:19061767]
106. Chen FP, Kung YY, **Chen YC**, Jong MS, Chen TJ, Chen FJ, Hwang SJ.
Frequency and pattern of Chinese herbal medicine prescriptions for chronic hepatitis in Taiwan. (台灣地區治療慢性肝炎的中藥處方型態分析)
Journal of Ethnopharmacology 2008;117(1):84-91. [SCI] [PMID:18321671]

107. Wu JC, Huang WC, Tsai YA, **Chen YC**, Cheng H.
Nerve repair using acidic fibroblast growth factor in human cervical spinal cord injury: A preliminary phase I clinical study. (利用神經原生長因子對頸椎受傷病患進行神經修復：第一階段臨床實驗)
Journal of Neurosurgery Spine 2008;8:208-14. [SCI] [PMID: 18312071]

2007

108. Chen TJ, **Chen YC**, Hwang SJ, Chou LF.
The contribution of Hong Kong to China's international scientific publications. (香港對中國國際科學文獻發表的貢獻分析)
Scientometrics 2007;71:151-154. [SCI][SSCI]
109. Chen TJ, **Chen YC**, Hwang SJ, Chou LF.
International collaboration of clinical medicine research in Taiwan, 1990-2004: A bibliometric analysis. (台灣地區 1990 至 2004 年臨床醫學研究國際合作情形之文獻計量學分析)
Journal of the Chinese Medical Association 2007;70:110-6. [SCI] [PMID:17389155]
110. Chen FP, Chen TJ, Kung YY, **Chen YC**, Chou LF, Chen FJ, Hwang SJ.
Use frequency of traditional Chinese medicine in Taiwan. (台灣地區中醫的利用情形分析)
BMC Health Services Research 2007;7:26. [SCI] [PMID:17319950]

2006

111. Kung YY, **Chen YC**, Hwang SJ, Chen TJ, Chen FP.
The prescriptions frequencies and patterns of Chinese herbal medicine for allergic rhinitis in Taiwan. (台灣地區治療過敏性鼻炎的中藥處方型態分析)
Allergy 2006;61:1316-8. [SCI] [PMID:17002708]
112. Chen TJ, **Chen YC**, Hwang SJ, Chou LF.
The rise of China in gastroenterology? A bibliometric analysis of ISI and Medline databases. (中國研究在胃腸科學的崛起？ISI 及 Medline 資料庫之文獻計量分析)
Scientometrics 2006;69:539-549. [SCI] [SSCI]

2002

113. Su TP, Chen TJ, Hwang SJ, Chou LF, Fan PA, **Chen YC**.
Utilization of psychotropic drugs in Taiwan: an overview of outpatient sector in 2000. (2000年台灣門診病患使用精神用藥情形之分析)
Zhonghua Yi Xue Za Zhi (Taipei) 2002;65:378-91. [PMID:12455808]

◎一般期刊及短篇論文

- s1. Wu JC, Kuo CH, **Chen YC***

Letter: Recent advances on cervical spondylotic myelopathy: bibliometric analysis and surgical perspectives. (回應: 文獻計量分析脊髓型頸椎病外科手術方面最新發展)
Journal of Neurosurgery: Spine (accepted)

- s2. Lin HY, Kang SC, Chang YC, **Chen YC**, Wang WS, Lo SS.

Sex differences in terminal inpatient hospice care for the elderly aged 90 years and over: A nationwide dataset analysis (性別對九十歲及以上末期住院安寧療護患者的影響: 一個全國性分析). *Taiwan Journal of Family Medicine* 2017; 27: 135-45

- s3. **陳育群**、李偉強.

醫療大數據: 健保資料庫之臨床應用與研究. (Examples of Data Analysis and Application Using Taiwan's National Health Insurance Database in Healthcare)
台灣醫學 2016;20:602-8

- s4. **Chen YC**, Liu L, Peng LN, Lin MH, Liu CL, Chen LK, Chen TJ, Hwang SJ.

Cataract surgery utilization after acute stroke: A nationwide cohort study (中風後會增加白內障手術使用率). *Journal of Clinical Gerontology & Geriatrics*. 2013;4:7-11

- s5. Wu JC, **Chen YC**, Huang WC, Cheng H.

The risk of spinal cord injury in children of lower economy increases by 20 times in male teenagers. (低收入水準兒童成長過程中的脊椎損傷機會比一般兒童高出 20 倍)
BMJ 2011. [SCI] (published June 1, 2011)

- s6. **Chen YC**, Chen TJ, Wu JC.

What if access to medical service is nearly free? "Self-referral" patterns exist in free market system and vary by disease. (醫療市場中病患自行轉診就醫行為之分析)
BMJ 2010. [SCI] (published December 13, 2010)

- s7. 吳昭慶、劉珍吟、**陳育群**、杜宗熹。
醫源性庫賈氏症。(Iatrogenic Creutzfeldt-Jakob Disease)
臨床醫學雜誌 2010;65:447-51
- s8. **Chen YC**, Wu SC.
Exploring out-patient behaviors in claim database: A case study using association rules. (利用
健保資料庫探討病人重複就醫行為)
AMIA Annual Symposium Proceedings 2003:811. [PMID:14728316]

◎學術研討會論文發表(僅列出第一作者)

1. **陳育群**, 黃仁吳, 江憲一, 陳曾基 (2012)
利用「生態模型」分析宜蘭地區醫療生態
Conference of Taiwan Association of Family Medicine, 2012 in Taipei
2. **Chen YC**, Chen TJ, Wetter T (2010).
Social network analysis as a tool visualizes flow of information: Bibliometric analysis of
studies using health databases in Taiwan and the United Kingdom. (利用網路分析方法解構
台灣與英國健保資料庫之學術影響力)
Joint Conference on Medical Informatics in Taiwan (JCMIT 2010), 2010 in Taipei
3. **Chen YC**, Chen LK, Chen TJ, Hwang SJ (2009).
Use of cataract surgery after acute stroke: A population-based nested case-control study. (老年
族群急性中風後白內障手術之使用情形)
Conference of Taiwan Association of Family Medicine, 2009 in Taipei
4. **Chen YC**, Chen TJ, Hwang SJ (2008).
Utilization of probiotics among outpatients in Taiwan: A ten-year trend analysis. (益生菌在台
灣地區門診使用之十年趨勢分析)
Conference of Taiwan Association of Family Medicine, 2008 in Taipei
5. **Chen YC**, Chen TJ, Hwang SJ (2007).
Trend of counseling-only visits in Taiwan, 1997-2004. (1997-2004 年台灣地區諮詢性門診的
利用模式分析)
Conference of Taiwan Association of Family Medicine, 2007 in Taipei

6. **Chen YC**, Chen TJ, Kung YY, Chen FP, Hwang SJ (2006).
Patterns of acupuncture use in Taiwan. (台灣地區民眾使用針灸的利用型態分析)
Conference of Taiwan Association of Family Medicine, 2006 in Taipei

7. **Chen YC**, Wu SC (2003).
Exploring out-patient behaviors in claim database: A case study using association rules. (利用關聯規則探討醫學中心門診病患就醫行為)
AMIA Annual Symposium Proceedings, 2003 in Washinton, USA

8. **Chen YC**, Lai CF, Chao IL, Yuan HK, Chen TJ, Kuo IT (1998).
Web page authoring with less pain: The strategy of publishing electronic lecture notes. (利用網路建立電子共同筆記資料庫之策略分析)
Proceedings of Medical Informatics Symposium in Taiwan (MIST '98), 1998 in Taipei

◎ 參與國際期刊學術服務

Editorial board

- 2015- Editorial board of *International Journal of Dermatology and Clinical Research*
- 2014- Editorial board of *International Journal of Orthopaedics*
- 2010-2011 Student Editor of *Methods of Information in Medicine*

Reviewer

- 2013- Reviewer of *PLoS ONE*
- 2013- Reviewer of *Journal of Integrative Medicine*
- 2013- Reviewer of *Neurology*
- 2013- Reviewer of *BMC Medical Informatics and Decision Making*
- 2012- Reviewer of *Evidence-Based Complementary and Alternative Medicine*
- 2012- Reviewer of the *Journal of Translational Medicine*
- 2012- Reviewer of *BMC Health Services Research*

◎ 獲獎

- 2013.7.14 台灣家庭醫學教育研究學會『青年學者優秀論文獎』
第一名

◎ 書籍著作

- 大數據之醫療運用與人文反省。ISBN: 9789578607026
元照出版社。出版地:台灣。出版日期: 2018/04/01

◎專利

新型專利第 M572562 號		專利期間 2019/1/1-2028/8/29
專利名稱	(中文) 藥物之攝像裝置及藥物辨識系統	
	(英文) PILL IMAGE-ACQUISITION APPARATUS, AND PILL-IDENTIFICATION SYSTEM THEREOF	
成果歸屬機構	國立陽明大學/臺北榮民總醫院	
創作人	陳育群、李惠珊、李欣怡、黃淑娟	

◎研究計畫

計畫名稱	計畫年度/來源/編號	擔任工作	執行情形
開發人工智慧藥物辨識為基礎之創新住院與門診用藥整合服務	2020/台北榮民總醫院 CIC-006	計畫 主持人	執行中
利用聊天機器人技術建立比較樣板式模型與檢索式模型藥物諮詢機器人提升全人照護品質	2020/台北榮民總醫院 V109C-006	計畫 主持人	執行中
大數據中心營運推展及教育訓練計畫	2020/台北榮民總醫院 V109E-002-2	計畫 主持人	執行中
大數據中心初步營運及教育計畫	2019/台北榮民總醫院 V108E-004-2	計畫 主持人	已結案
MOCHI:開發母嬰藥物外觀人工智慧辨識與用藥自主健康管理資訊系統	2018/科技部/ MOST 108-2622-H-010-001 -CC2	計畫 主持人	執行中
開發適用於手機持裝置基於卷積類神經網路之近物攝影目標檢測模型:以居家護理藥物辨識為例	2019/台北榮民總醫院 V108C-037	計畫 主持人	已結案
建立大型臨床資料分析架構探討青少年偏頭痛在家族遺傳及社會網絡之表現型特徵與聚集現象	2019/亞東醫院與陽明大學 合作研究計畫/108DN24	計畫 主持人	已結案
促進慢性病患者融滲健康科技智慧醫療照護環境:資訊科技化健康識能概念之運用與評值	2018/科技部/ MOST 107-2314-B-010 -014 -MY3	共同 主持人	執行中
建立以藥物影像識別為主的〔護理之家與居家照護智慧用藥服務〕之概念驗證與服務驗證(重點主題:A1)(2/2)	2018/科技部/MOST 107-2218-E-010-002 -	計畫 主持人	已結案

計畫名稱	計畫年度/來源/編號	擔任工作	執行情形
利用創新顧客管理系統(CRM)建立病患為中心之智慧化居家照護平台	2018/台北榮民總醫院 # V107C-155	計畫主持人	已結案
本市兒童少年及高齡族群醫療資源評估及分析	2017/桃園市衛生局	計畫主持人	已結案
建置教學醫院臨床學習者為中心之適性化學習平台—以雲端顧客管理系統(CRM)為基礎之教學醫院臨床學習管理系統的建置與應用	2017/科技部/MOST 106-2511-S-010 -004 -	計畫主持人	已結案
建立以藥物影像識別為主的〔護理之家與居家照護智慧用藥服務〕之概念驗證與服務驗證(重點主題:A1)(1/2)	2017/科技部/MOST 106-2218-E-010-002 -	計畫主持人	已結案
創新大數據中醫治療圖譜--視覺化台灣健保資料庫巨量中醫藥物處方分析與知識分享平台	2016/科技部/ 105-2634-E-010-001 -	計畫主持人	已結案
開發與評量同儕互相教練的虛擬社群於護生經期症狀管理之成效	2016/科技部/ 105-2314-B-010 -047 -MY2	共同主持人	已結案
以大型資料探討處方優化策略之合理性及對醫療行為之影響	2016/科技部/ 105-2410-H-010 -013 -	共同主持人	已結案
發展台灣地區 30 天再住院率結合時間空間之預測模型	2016/國立陽明大學附設醫院/#RD2016-008	計畫主持人	已結案
開發台灣銀髮族居家照護行動式藥物辨識系統	2015/科技部 /104-2218-E-010-006-	計畫主持人	已結案
桃園市醫療資源評估及分析	2015/桃園市衛生局	計畫主持人	已結案

計畫名稱	計畫年度/來源/編號	擔任工作	執行情形
應用潛在性不適當用藥評估工具於大型資料分析：以多面向架構提升電腦可讀性	2015/科技部/ 104-2410-H-010-015-	共同 主持人	已結案
醫師開立鎮靜安眠藥物於特定高危族群：以社交網絡分析模式探究此行為可能的影響和傳播路徑	2015/科技部/ 104-2314-B-418-003-	共同 主持人	已結案
中藥黃耆治療糖尿性腎病之足細胞病變機轉探討	2015/科技部/ 104-2320-B-182A-013-	共同 主持人	已結案
台灣帶狀皰疹後長期疼痛中醫處方形態分析	2015/國立陽明大學附設醫院/#RD2015-009	計畫 主持人	已結案
利用 LACE 工具研究台灣地區長期三十天早期再住院率之變動趨勢	2015/國立陽明大學附設醫院/# RD2015-012	共同 主持人	已結案
開發與評量行動式藥物遵從追蹤平台與護病合作模式於中醫治療之痛經婦女	2014/科技部 /103-2314-B-010-033-MY2	共同 主持人	已結案
有系統性疾病之老年患者在牙科就醫時的風險評估	2014/科技部 /103-2314-B-010-022-	共同 主持人	已結案
急診資源耗用與高用量病患醫療利用行為關係	2014/國立陽明大學附設醫院/#RD2014-007	計畫 主持人	已結案
台灣地區早發性胃癌流行病學調查	2014/國立陽明大學附設醫院/#RD2014-017	共同 主持人	已結案
利用資料探勘方法建立內容感知智慧型疾病診斷輸入系統	2013/國立陽明大學附設醫院/#RD2013-009	計畫 主持人	已結案
台灣地區兒童使用針灸之利用調查	2013/國立陽明大學附設醫院/#RD2013-010	共同 主持人	已結案 *發表 <i>ECAM</i> 2013 *發表 <i>Journal of Ethnopharmacology</i>

計畫名稱	計畫年度/來源/編號	擔任工作	執行情形
			2015
顏面骨折後併發中風相關危險因子調查	2013/國立陽明大學附設醫院/#RD2013-011	共同主持人	已結案 *發表 <i>Journal of Bone and Mineral Research</i> 2013
比較台灣地區鄉村型城市-宜蘭地區跌倒住院發生率以及相關危險因子	2012/國立陽明大學附設醫院/#RD2012-026	計畫主持人	已結案 *發表 <i>Neurosurgical Focus</i> 2013
老年人跌倒後再住院,死亡率及相關危險因子調查:以宜蘭地區 15 年世代追蹤	2012/國立陽明大學附設醫院/#RD2012-015	共同主持人	已結案
台灣地區與鄉村型城市-宜蘭地區兒童使用中醫之利用調查	2012/國立陽明大學附設醫院/#RD2012-025	共同主持人	已結案 *發表 <i>Pediatrics</i> 2012
全民健康保險研究資料模組化運用研究	2010/台北榮民總醫院 # V99S2-006	共同主持人	已結案
運用連結分析探討病患就醫型態	2010/台北榮民總醫院 # V99C1-140	共同主持人	已結案
建立文獻計量學分析平台:以健保資料庫為題材之文獻分析	2009/台北榮民總醫院 /#V98A-075	計畫主持人	已結案