

# 行政院國家科學委員會

## 個人資料表

(88年10月修訂)

以下各項資料均將納入國科會「研究人員資料庫」內，以供業務使用。必要時，亦得提供政府機關及學術團體作為學術研究或掄才之用。

### 一、基本資料

簽名：蔡培癸

填表日期：2016/12/28

身份證號碼									
中文姓名	蔡	培	癸	英文姓名	Tsay, Pei-Kwei				
					(Last Name)	(First Name)	(Middle Name)		
國籍	中	華	民	國	性別	男	出生日期	1969	年 2 月
聯絡/住宅地 址									
聯絡電話	(公) 03-2118800 轉 5068				(宅) 03-5722606				
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### 二、主要學歷 請填學士級以上之學歷或其他最高學歷均可，若仍在學者，請在學位欄填「肄業」。

畢/肄業學校	國別	主修學門系所	學位	起訖年月
國立清華大學	台灣	統計學	博士	1992/9 至 1997/6
國立清華大學	台灣	統計學	碩士	1991/9 至 1992/6
私立東海大學	台灣	數學系	學士	1987/9 至 1991/6

### 三、現職及與專長相關之經歷 指與研究相關之專任職務，請依任職之時間先後順序由最近者往前追溯。

服務機關	服務部門/系所	職稱	起訖年月
現職：私立長庚大學	公共衛生科	副教授	2016/8 至今
林口長庚紀念醫院	兒童內科部	副研究員	2016/01 至今
經歷：私立長庚大學	公共衛生科	助理教授	1999/08 至 2010/07
私立長庚大學	護理學系	副教授	2010/07 至 2016/07

### 四、專長 請自行填寫與研究方向有關之專長學門。

1. 生物統計	2. 環境統計	3. 兒科世代研究	4. 資料庫分析
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## 五、著作目錄：(2008 年後)

- (一) 請詳列個人申請截止日前五年內(此段期間曾生產或請育嬰假者，得延長至七年內，曾服國民義務役者，得依實際服役時間予以延長，但應檢附相關證明文件)發表之學術性著作，包括：期刊論文、專書及專書論文、研討會論文、技術報告及其他等，並請依各類著作之重要性自行排列先後順序。
- (二) 各類著作請按發表時間先後順序填寫。各項著作請務必依作者姓名(按原出版之次序，**通訊作者請加註\***)、出版年、月份、題目、期刊名稱(專書出版社)、起迄頁數之順序填寫，被接受刊登尚未正式出版者請附被接受函。
- (三) 若期刊屬於 SCI、EI、SSCI 或 A&HCI 等時，請註明；若著作係經由國科會補助之研究計畫所產生，請於最後填入相關之國科會計畫編號。

1. Yang HL, Liu FC, Tsai SC, **Tsay PK**, Lin HT, Liu HE.(2016): Ketorolac Tromethamine Spray Prevents Postendotracheal-Intubation-Induced Sore Throat after General Anesthesia. Biomed Res Int. 2016; (SCI)(In press)
2. Chang TY, Jaing TH, Wen YC, Huang IA, Chen SH, **Tsay PK**.(2016): Risk factor analysis of autoimmune hemolytic anemia after allogeneic hematopoietic stem cell transplantation in children. Medicine (Baltimore). 2016 Nov; (SCI)(In press)
3. Wu CT, **Tsay PK**, Jaing TH, Chen SH, Tseng CK, Jung SM (2016): Oligodendrogliomas in Children: Clinical Experiences With 20 Patients. J Pediatr Hematol Oncol. 2016 Oct;38(7):555-8 (SCI)
4. Wan YL, **Tsay PK**, Chen CC, Juan YH, Huang YC, Chan WH, Wen MS, Hsieh IC.(2016): Coronary in-stent restenosis: predisposing clinical and stent-related factors, diagnostic performance and analyses of inaccuracies in 320-row computed tomography angiography. Int J Cardiovasc Imaging.. (SCI)(In press)
5. Yu DY, Chen CH, **Tsay PK**, Leow AM, Pan CH, Chen CT.(2016) : Surgical Timing and Fracture Type on the Outcome of Diplopia After Orbital Fracture Repair. Ann Plast Surg.(SCI)(In press)
6. Jaing TH, Chen SH, Wen YC, Chang TY, Huang JL, **Tsay PK**.(2016): Assessment of platelet activation and immature platelet fraction as predictors of platelet engraftment after hematopoietic stem cell transplantation. Cell Transplant. 2016;25(7):1259-64 (SCI)
7. 劉梅英;劉雪娥;王宏銘;蔡培癸;簡淑慧;林怡欣(2015)安寧共同照顧模式對改善癌末主要照顧家屬照顧負荷之成效. 護理暨健康照護研究 11:4 頁 257-266
8. 邵上智, 蔡明翰, **蔡培癸**, 劉雪娥(2015):多媒體衛教光碟合併護理指導對於初次冠心病患者在疾病知識、態度及自我照顧行為之成效探討 護理暨健康照護研究 11:3 頁 175-186
9. Huang TT, Yang SD, Tsai YH, Chin YF, Wang BH, **Tsay PK**.(2015): Effectiveness of individualised intervention on older residents with constipation in nursing home: a randomised controlled trial. J Clin Nurs. 2015 Dec;24(23-24):3449-58) (SCI)
10. Tai DI, **Tsay PK**, Jeng WJ, Weng CC, Huang SF, Huang CH, Lin SM, Chiu CT, Chen WT, Wan YL.(2015): Differences in liver fibrosis between patients with chronic hepatitis B and C: evaluation by acoustic radiation force impulse measurements at 2 locations. J Ultrasound Med. 2015 May;34(5):813-21. (SCI)

11. Jaing TH, Hung IJ, Yang CP, Lai JY, Tseng CK, Chang TY, Hsueh C, **Tsay PK**.(2014): Malignant renal tumors in childhood: report of 54 cases treated at a single institution. *Pediatr Neonatol*. 2014 Jun;55(3):175-80. (SCI)
12. Liu YC, Sun Z, **Tsay PK**, Chan T, Hsieh IC, Chen CC, Wen MS, Wan YL(2013): Significance of coronary calcification for prediction of coronary artery disease and cardiac events based on 64-slice coronary computed tomography angiography. *Journal of the Biomed Res Int*. (SCI)
13. Hwang YS, Tsai HY, Chen CC, **Tsay PK**, Pan HB, Hsu GC, Lin JH, Chui CS, Wan YL, Liu HL.(2013): Effects of quality assurance regulatory enforcement on performance of mammography systems: evidence from large-scale surveys in taiwan. *AJR Am J Roentgenol*.201(2):307-12 (SCI)
14. 姜月桃;盧俊維;蘇文鈺;**蔡培癸**;王育琪;陳紀雯(2013) 先天性心臟病青少年自我調節運動方案之設計. 輔仁醫學期刊 11:3 2013.09 頁225-236
15. 姜月桃, 陳紀雯, **蔡培癸**, 陳全美, 唐秀治(2012): 兒童生命末期症狀盛行率之文獻回顧. 榮總護理第二十九卷第四期 第374-381頁.
16. Chang IW, Shyu YI, **Tsay PK**, Tang WR (2012): Comparison of nurse practitioners' perceptions of required competencies and self-evaluated competencies in Taiwan. *Journal of Clinical Nursing Sep*;21(17-18):2678-89 (SCI)
17. Tiffany Chien-Ting Lo, Cheng Allen Chang, Kong-Hwa Chiu,**Pei-Kwei Tsay\***, and Jen-Fon Jen\*(2011): Correlation evaluation of antioxidant properties on the monosaccharide components and glycosyl linkages of polysaccharide with different measuring methods. *Carbohydrate Polymers* 2011 August;86(1):320-327. (SCI)
18. **Pei-Kwei Tsay**, Jin-Yao Lai, Chao-Ping Yang, Iou-Jih Hung, Chuen Hsueh, Ming-Horng Tsai, Tang-Her Jaing (2011): Treatment Outcomes for Hepatoblastoma: a sing institution's experience of 35 cases. *Journal of the Formosan Medical Association* 110(5):322-325. (SCI)
19. Jaing TH, Hung IJ, Yang CP, Chen SH, Chung HT, **Tsay PK**, Wen YC(2012): Unrelated cord blood transplantation for thalassaemia: a single-institution experience of 35 patients. *Bone Marrow Transplantation* Jan;47(1):33-9 (SCI)
20. Wang LH, Tsai YF, Chen JS, **Tsay PK**.(2011): Intention, needs, and expectations of cancer patients participating in clinical trials. *Cancer Nurs*. 2011 Mar-Apr;34(2):117-23. (SCI)
21. Lee HC, Tsai YF, Luo SF, **Tsay PK**(2010): Predictors of disability in Taiwanese patients with rheumatoid arthritis. *Journal of Clinical Nursing* Nov;19(21-22) (SCI)
22. Chen CT, Feng CH, **Tsay PK**, Lai JP, Chen YR(2011): Functional outcomes following surgical treatment of bilateral mandibular condylar fractures. *Int J Oral Maxillofac Surg*. 2011 Jan;40(1):38-44. (SCI)
23. Wu CY, Chuang LL, Lin KC, Chen HC, **Tsay PK**.(2011): Randomized trial of distributed constraint-induced therapy versus bilateral arm training for the rehabilitation of upper-limb motor control and function after stroke. *Neurorehabil Neural Repair*. 2011 Feb;25(2):130-9. (SCI)
24. Chen CT, Wang TY, **Tsay PK**, Huang F, Lai JP, Chen YR.(2010): Traumatic superior orbital fissure syndrome: assessment of cranial nerve recovery in 33 cases. *Plast Reconstr Surg*. 2010 Jul;126(1):205-12. (SCI)

25. Ho WJ, Tsai WP, Yu KH, **Tsay PK**, Wang CL, Hsu TS, Kuo CT.(2010): Association between endothelial dysfunction and hyperuricaemia. *Rheumatology (Oxford)*. 2010 Oct;49(10):1929-34. (SCI)
26. Dar-In Tai, **Pei-Kwei Tsay**, Wei-Ting Chen, Chia-Ming Chu and Yun-Fan Liaw (2010):Relative roles of HBsAg seroclearance and mortality in the decline of HBsAg prevalence with increasing age. *The American Journal of Gastroenterology* 105(5):1102-9. (SCI)
27. Lin HH, Tsai YF, Lin PJ, **Tsay PK**. (2010): Effects of a therapeutic lifestyle-change programme on cardiac risk factors after coronary artery bypass graft. *Journal of Clinical Nursing* 19(1-2):60-8. (SCI)
28. Jaing TH, Chen SH, Tsai MH, Yang CP, Hung IJ, **Tsay PK**. (2010): Transplantation of Unrelated Donor Umbilical Cord Blood for Nonmalignant Diseases: A Single Institution's Experience with 45 Patients. *Biology of Blood and Marrow Transplantation* 16(1):102-107. (SCI)
29. Shen SC, Ho WJ, Wu SC, Yu KH, Lin HC, Lin YS, **Tsay PK**, Chu PH. (2010): Glaucomatocyclitic Crisis Is Associated with Peripheral Vascular Endothelial Dysfunction - A Preliminary Study. *Investigative Ophthalmology & Visual Science* 51(1):272-276. (SCI)
30. Jaing TH, **Tsay PK** (Equal Contribution), Lin TL, Yang CP, Hung IJ, Wen YC. (2009) : Pre-freeze and post-thaw characteristics on chimerism patterns in double-unit cord blood transplantation. *Pediatric Blood Cancer* 52(4):547-550. (SCI)
31. **Tsay PK**, Tai DI , Chen YM, Yu CP, Wan SY, Shen YJ, Lin DY. (2009): Impact of Gender, Viral Transmission and Aging in the Prevalence of Hepatitis B Surface Antigen. *The Chinese Medical Journal* 32(2):155-164.
32. Ho WJ, Hsu TS, **Tsay PK**, Hsu LA, Wang CL, Chang CJ, Yu KH, Chen JY, Kuo CT.(2009): Serial Plasma Brain Natriuretic Peptide Testing in Clinical Management of Pulmonary Arterial Hypertension. *Acta Cardiologica Sinica* 25(3):147-153.(SCI)
33. Huang IA, Jaing TH, Yang CP, Hung IJ, **Tsay PK**, Luo CC, Sun CF. (2009): Single-Center Experience: immunosuppressive therapy as frontline treatment for 33 children with acquired severe aplastic anemia. *Pediatric Hematology and Oncology* 26(7):487-95. (SCI)
34. Tseng LH, Liang CC, **Tsay PK**, Wang AC, Lo TS, Lin YH. (2008): Factors affecting voiding function in urogynecology patients. *Taiwan J Obstet Gynecol*. 47(4):417-421. (SCI)
35. Jaing TH, **Tsay PK**, Yang CP, Hung IJ, Wen YC, Tseng CK. (2008): Evaluation of readmission in children receiving allogeneic hematopoietic stem cell transplantation: an institutional experience. ” *Transplantation Proceedings* 40(10): 3643-3645. (SCI)
36. Chen CH, Wang TY, **Tsay PK**, Lai JB, Chen CT, Liao HT, Lin CH, Chen YR. (2008): A 162-case review of palatal fracture: management strategy from a 10-year experience. *Plastic and Reconstructive Surgery* 121(6):2065-2073 (SCI)
37. Jaing TH, Lin KL, **Tsay PK**, Hsueh C, Hung PC, Wu CT, Tseng CK. (2008): Treatment of optic pathway hypothalamic gliomas in childhood: experience with 18 consecutive cases. *Pediatric Hematology and Oncology* 30(3):222-224. (SCI)
38. Chen WJ, Ho WJ, Chang GJ, Chen ST, Pang JH, Chou SH, **Tsay PK**, Kuo CT. (2008): Propylthiouracil, independent of its antithyroid effect, produces endothelium-dependent vasodilatation through induction of nitric oxide bioactivity. *Atherosclerosis* 196(1):383-390 (SCI)
39. Su WW, Cheng ST, Ho WJ, **Tsay PK**, Wu SC, Chang SH. (2008): Glaucoma Is Associated with Peripheral Vascular Endothelial Dysfunction. *Ophthalmology* 115(7):1173-1178. (SCI)
40. Lin MC, **Tsay PK**, Ko SF, Lui KW, Tseng JH Hung CF, Hsueh C, Wan LY. (2008): Triphasic

dynamic CT findings of 63 hepatic focal nodular hyperplasia in 46 patients: correlation with size and pathological findings. *Abdominal Imaging* 33(3):301-307. (SCI)

41. Ho WJ, Chen ST, **Tsay PK**, Wang CL, Hsu TS, Kuo CT, Chen WJ. (2008): Enhancement of endothelium-dependent flow-mediated vasodilation in hyperthyroidism. *Clinical Endocrinology* 67(4):505-11. (SCI)

## 六、近五年內執行及申請中之研究計畫

教育部『邁向頂尖大學計畫』(主持人)

計畫名稱	起迄日期
台灣先天性心臟病患暫時性失去追蹤之預測模式探討 (NSC102-2314-B-182-006)	2013.08.01 至 2014.07.31

國家衛生研究院計畫(共同主持人)

計畫名稱	起迄日期
鏡像治療結合跨顱直流電刺激於中風復健之療效增益試驗 (Augmenting the Effects of Mirror Therapy for Stroke Rehabilitation by tDCS) (NHRI-EX106-10604PI)	2016.01.01 至 2017.12.31
計畫名稱	起迄日期
中風後單一與合併復健手法之機轉與長期療效探究 (NHRI-EX97-9742PI, NHRI-EX98-9742PI, NHRI-EX99-9742PI )	2008.01.01 至 2010.12.31

行政院衛生署(協同主持人)

計畫名稱	起迄日期
中藥複方 LC 對系統性紅斑狼瘡患者療效評估之隨機、雙盲臨床試驗 (DOH96-TD-I-111-006)	2007.11.01 至 2010.10.31

長庚醫學研究計劃 (共同主持人)

計畫名稱	起迄日期
乳癌病患進行化學治療中合併中藥複方當歸六黃湯對血球影響及生活品質改善之隨機雙盲研究 (CMRPG370671)	2008.07.01 至 2010.03.31
DNA 修復與癌症：從基因型到表現型 (CMRPD190071)	2010.01.01 至 2010.12.31

(B)研討會論文

1. Chao, A., Tsay, P.K., Shau W,-Y., and Chao, D.-Y.(1996): Population Size Estimation for Capture-Recapture Models With Applications to Epidemiological Data. *Proceedings of the Biometrics Section, American Statistical Association*, pp. 108-117.
2. 蔡培癸,羅俊光,張吳名任 (2000): 大台北地區危害物分佈調查暨健康風險評估. 職業衛生研討會。
3. 蔡培癸,黃集仁(2001): 比較唾液中酒精濃度測試及吐氣中酒精濃度測試的正確性及實用性. 南區統計研討會。
4. S.G. Tang, J.H. Hong, P.K. Tsay, C.S. Tsai, C.H. Chang (2003), “ The impact of spontaneous apoptosis on DNA ploidy, proliferative activity, status of human papillomavirus(HPV) and treatment outcome in cervical carcinoma.” The European Cancer Conference 21-25 September 2003. PP.57.
5. Theresa Y. Wang, MD, Chien-Tzung Chen, MD, Pei-Kwei Tsay, PhD, Faye Huang, MD, Yi-Chieh Chen, MD, Yu-Te Lin, MD, Han-Tsung Lian, MD, Chih-Hung Lin, MD, Yu-Ray Chen, MD (2007)” [33 Cases of Traumatic Superior Orbital Fissure Syndrome:Cranial Nerve Recovery and Outcomes](#)” American Association of Plastic Surgeons May 20-21.
6. Kee-min YEOW, Yun-jen YEOW,Chian-chung CHANG,David Chwei-chin CHUANG,Pei-kwei TSAY(2010).”PRE-OPERATIVE MR IMAGING OF ADULT TRAUMATIC BRACHIAL PLEXUS INJURY.”International Federation of Societies for Surgery of the Hand. 31 October-4 November 2010
7. Liu , Hsueh-Erh; Wang, Hung-Ming;Tsay,Pei-Kwei; Liu,Mei Ying(2010) “The Influence of Hospice Shared Care onPatients' Symptom Control and Family Caregivers' Distress in Terminal Staging Cancer.” The First International Multidisciplinary Forum on Palliative Care.
8. 張杏莉 Hsing-Li Chang, 蔡培癸 Pei-Kwei Tsay(2014) “經介入性措施後改善癌症譫妄次 型態之探討 Study in improving cancer subtype of delirium after intervention measures” 台灣專科護理學會第三屆第 2 次會員代表大會.
9. 蔡培癸(2016) “An Improvement Program to IncreaseMother-infant 24-hour Rooming-in Rate” 第三屆兩岸四地護理高峰論壇及學術研討會.