

CURRICULUM VITAE

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Place of Birth: Taipei, Taiwan

Education:

1998 B.S. National Chen Chi University (Applied Mathematics), Taiwan
2000 M.S. National Taiwan University School of Public Health (Biostatistics), Taiwan
2004 Ph.D. Boston University School of Public Health (Biostatistics), Boston, MA, USA



Academic Appointments:

05/2004-05/2007 Research Assistant Professor, Department of Mathematics and Statistics, Boston University, Boston, MA
01/2008-09/2010 Assistant Professor, Department of Pediatrics, Harvard Medical School, Boston, MA
09/2010-07/2011 Assistant Professor, Department of Environmental and Occupational Health, College of Medicine, National Cheng Kung University, Tainan, Taiwan
08/2011-01/2015 Assistant Professor, Institute of Public Health, National Yang Ming University, Taipei, Taiwan
02/2015-present Associate Professor, Institute of Public Health, National Yang Ming University, Taipei, Taiwan

Other Professional Positions:

09/2000-05/2002 Research Assistant, NHLBI's Framingham Heart Study, Framingham, MA
05/2002-12/2002 Biostatistics intern, Genomics Collaborative Inc. Cambridge, MA
01/2003-05/2004 Research assistant, Department of Biostatistics, Boston University, Boston, MA
05/2004-05/2007 Statistician, NHLBI's Framingham Heart Study, Framingham, MA
06/2007-09/2010 Statistical Geneticist, Program in Genomics, Children's Hospital, Boston, MA
06/2007-09/2010 Senior Biostatistician, Clinical Research Program, Children's Hospital, Boston, MA
09/2010-07/2011 Biostatistical Consultant, National Cheng Kung University Hospital, Taiwan

Major Committee Assignments:

USA Regional/Institutional

2006-2007 500K Genetics Committee, *Member*, NHLBI's Framingham Heart Study

Journal Reviewer

BioMed Central Genetics, Ad Hoc, 2005
Statistics in Medicine, Ad Hoc, 2006

BioMed Central Genetics, Ad Hoc, 2006
BioMed Central Bioinformatics, Ad Hoc, 2007
BioMed Central Genetics, Ad Hoc, 2009
Indoor Air, Ad Hoc, 2011
Journal of Chinese Statistical Association, Ad Hoc, 2011
American Journal of Epidemiology, Ad Hoc, 2012
Indoor Air, Ad Hoc, 2012
BioMed Central Medical Research Methodology, Ad Hoc, 2013
BMC Women's Health, Ad hoc, 2014
Plos One, Ad Hoc, 2014
Plos Computational Biology, Ad Hoc, 2014
International Journal of Cancer and Clinical Research, Ad Hoc, 2015
BMC Cancer, Ad Hoc, 2015
Journal Community Medicine & Public Health Care, Ad Hoc, 2015
The Chinese Journal of Physiology, Ad Hoc, 2016
BMC Cardiovascular Disorders, Ad Hoc, 2016
PLOS ONE, Ad Hoc, 2016
American Journal of Epidemiology, Ad Hoc, 2016
PLOS Computational Biology, 2016
BMC Cardiovascular Disorders, 2017
International Journal of Gerontology, 2018
Journal of Cardiovascular Development and Disease, 2018
BMC Cardiovascular Disorders, 2018
Children, 2019
International Journal of Cardiology, 2019
BMC Cardiovascular Disorders, 2019
International Journal of Environmental Research and Public Health, 2019
Scientific Reports, 2020
BMC Cardiovascular Disorders, 2020
Archives of Gerontology and Geriatrics, 2020
Scientific Reports, 2021
International Journal of Environmental Research and Public Health, 2021

Awards and Honors:

09/98-07/00 Teaching Assistant Scholarship, School of Public Health, National Taiwan University
09/00-09/02 Research Assistant Scholarship, Department of Biostatistics, Boston University
2003 Student Paper Competition Award, Department of Biostatistics, Boston University
09/02-05/04 G.R.A.S.P. Fellowship, Department of Biostatistics, Boston University

RESEARCH, TEACHING, OR CLINICAL CONTRIBUTIONS:

Current Research Support:

2021-2023 陽明大學產學合作：銳視二夜戴型角膜塑型隱形眼鏡之臨床試驗研究

Past Research Support:

2018-2021 陽明大學產學合作：眼科的照護及臨床效益回溯性研究 2012-2016

Thesis

1. **Chao-Yu Guo.** A Gene Counting-Based Haplotype Relative Risk Method for Case-Parents Trios Data (Master thesis). Taipei, Taiwan: National Taiwan University; 2000. Advisor: Professor John Jen Tai
2. **Chao-Yu Guo.** Extensions of Family-Based Genetic Tests of Linkage and/or Association for A Dichotomous Trait (Ph. D. thesis). Boston, MA: Boston University; 2004. Advisor: Professor L. Adrienne Cupples

BIBLIOGRAPHY -

1. Guo CY*, Wang RH, Yang HC. Family-Based Gene-Environment Interaction Using Sequence Kernel Association Test (FGE-SKAT) For Complex Quantitative Traits. **Scientific Reports** 2021; 11(1):7431. doi: 10.1038/s41598-021-86871-2.PMID: 33795796, (SCI). (Impact factor: 3.998;Rank: 23.24%)第一作者/通訊作者(通訊)作者
1. Guo CY *, Wu MY, Cheng HM*. The Comprehensive Machine Learning Analytics for Heart Failure. **International Journal of Environmental Research and Public Health** 2021; 18(9):4943. doi: 10.3390/ijerph18094943.PMID: 34066464 (SCI). (Impact factor: 2.849;Rank: 18.42%)第一作者/通訊作者(通訊)作者
2. Guo CY*, Yang YC, Chen YH. The Optimal Machine Learning-Based Missing Data Imputation for the Cox Proportional Hazard Model. **Frontiers in Public Health** 2021; 9:680054. doi: 10.3389/fpubh.2021.680054. eCollection 2021.PMID: 34291028 (SCI). (Impact factor: 2.483;Rank: 24.85%)第一作者/通訊作者(通訊)作者
3. Guo CY*,Huang HY, Kuo PC, Chen YH. Extensions of the Distributed Lag Non-Linear Model (DLNM) to Account for Cumulative Mortality. **ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH** 2021; 28(29):38679-38688. doi: 10.1007/s11356-021-13124-0. Epub 2021 Mar 18.PMID: 33735414. (SCI). (Impact factor: 3.056;Rank: 37.17%)第一作者/通訊作者(通訊)作者
4. Guo CY*, Liu TW, Chen YH. A Novel Cross-Validation Strategy for Artificial Neural Networks Using Distributed-Lag Environmental Factors. **PLoS One** 2021; 16(1):e0244094. doi: 10.1371/journal.pone.0244094. eCollection 2021.PMID: 33411794. (SCI). (Impact factor: 2.74;Rank: 37.32%)第一作者/通訊作者(通訊)作者
5. Guo CY, Chan CH, Chou YC, Sung* SH, Cheng HM*. A Statistical Prediction Model for Acute Heart Failure Patients That is Consistent Within 5-year Follow-Ups. **Journal of the Chinese**

Medical Association: JCMA 2020; 83(11):1008-1013. doi: 10.1097/JCMA.0000000000000403.PMID: 32773590. (SCI). (Impact factor: 0.858;Rank: 70.37%)第一作者/通訊作者作者

6. Huang WM, Cheng HM, Yu WC, Guo CY, Chiang CE, Chen CH, Sung SH.. The ventilatory abnormalities and prognostic values of H2 FPEF score in dyspnoeic patients with preserved left ventricle systolic function . **ESC Heart Failure** 2020; :10.1002/ehf2.12754 (SCI). (Impact factor: 3.902;Rank: 31.52%)第四作者以後作者
7. Waits A, Guo CY, Chang YS, Chien LY.. Dose-Response Relationships between Breastfeeding and Postpartum Weight Retention Differ by Pre-Pregnancy Body-Mass Index in Taiwanese Women . **Nutrients** 2020; 12(4):1065: (SCI). (Impact factor: 4.546;Rank: 18.54%)第二作者作者
8. Kuan YT, Wang TF, Guo CY, Tang FI, Hou IC.. Wound Care Knowledge, Attitudes, and Practices and Mobile Health Technology Use in the Home Environment: Cross-Sectional Survey of Social Network Users . **JMIR mHealth and uHealth** 2020; :26;8(3):e15678 (SCI). (Impact factor: 4.313;Rank: 10.29%)第三作者作者
9. Guo CY*, Chou YC. A Novel Machine Learning Strategy for Model Selections - Stepwise Support Vector Machine (StepSVM). **Plos One** 2020; 15(8):e0238384. doi: 10.1371/journal.pone.0238384. eCollection 2020.PMID: 32853243. (SCI). (Impact factor: 2.74;Rank: 37.32%)第一作者/通訊作者(通訊)作者
10. Huang WM, Feng JY, Cheng HM, Chen SZ, Huang CJ, Guo CY, Yu WC, Chen CH, Sung SH.. The role of pulmonary function in patients with heart failure and preserved ejection fraction: Looking beyond chronic obstructive pulmonary disease. **PLoS One** 2020; 15(7):e0235152 (SCI). (Impact factor: 2.74;Rank: 37.32%)第六作者作者
11. Lee CW, Huang WM, Tsai YL, Lu DY, Sung SH, Yu WC, Guo CY, Chen CH. Feasibility of the transcatheter mitral valve repair for patients with severe mitral regurgitation and endangered heart failure. **JOURNAL OF THE FORMOSAN MEDICAL ASSOCIATION** 2020; :S0929-6646(20)30173-X (SCI). (Impact factor: 3.008;Rank: 25.15%)第七作者作者
12. Huang CY, Chang WH, Huang HY, Guo CY, Chou YJ, Huang N, Lee WL, Wang PH.. Subsequent Development of Epithelial Ovarian Cancer After Ovarian Surgery for Benign Ovarian Tumor: A Population-Based Cohort Study. **Clin Epidemiol** 2020; 12:637-649 (SCI). 第四作者以後作者
13. Chang HC, Cheng HM, Huang WM, Lee CW, Guo CY, Yu WC, Chen CH, Sung SH.. Risk stratification in patients hospitalized for acute heart failure in Asian population. **Journal of the Chinese Medical Association: JCMA** 2020; 83(6):544-550 (SCI). (Impact factor: 0.858;Rank: 70.37%)第五作者作者

14. Chen CK, Chou HP, Chang YY, Guo CY, Chen CS, Shih CC. Association Between Targeted Aortic Segment Tortuosity and Stent-Graft-Induced New Entry After Thoracic Endovascular Aortic Repair for Aortic Dissection or Intramural Hematoma. **AMERICAN JOURNAL OF ROENTGENOLOGY** 2020; 214(3):679-686 (SCI). (Impact factor: 3.013;Rank: 30.22%)第四作者以後作者
15. Cheng YL, Sung SH, Cheng HM, Huang JT, Guo CY, Hsu PF, Yu WC, Chen CH.. Prognostic Comparison of the Estimations of Renal Function in Patients With Acute Heart Failure. **CIRCULATION JOURNAL** 2019; 83(4):767-774 (SCI). (Impact factor: 2.54;Rank: 46.01%)第五作者作者
16. Cheng HM, Sung SH, Chen CH, Yu WC, Yang SM, Guo CY, Chuang SY, Chiang CE.. Guiding Hypertension Management Using Different Blood Pressure Monitoring Strategies (GYMNs study): comparison of three different blood pressure measurement methods: study protocol for a randomized controlled trial. **Trials** 2019; 20(1):265 (SCI). (Impact factor: 1.883;Rank: 73.02%)第六作者作者
17. Huang WM, Sung SH, Yu WC, Cheng HM, Huang CJ, Guo CY, Lu DY, Lee CW, Chen CH. Perturbations of pulsatile hemodynamics and clinical outcomes in patients with acute heart failure and reduced, mid-range or preserved ejection fraction. **PLoS One** 2019; 14(8):e0220183 (SCI). (Impact factor: 2.74;Rank: 37.32%)第六作者作者
17. Waits A, Guo CY, Chien LY.. Evaluation of factors contributing to the decline in exclusive breastfeeding at 6 months postpartum: The 2011-2016 National Surveys in Taiwan. **BIRTH-ISSUES IN PERINATAL CARE** 2018; 45(2):184-192 (SCI). (Impact factor: 2.705;Rank: 2.03%)第二作者作者
18. Chang WH, Horng HC, Yeh CC, Guo CY, Chou YJ, Huang N, Huang HY, Chen YJ, Lee WL, Wang PH. Risks of female genital tract related cancers (gynecological cancers) or breast cancer in women with and without chronic kidney disease: A population-based cohort study in Taiwan. **MEDICINE** 2018; 97(12):e0157 (SCI). (Impact factor: 1.552;Rank: 53.64%)第四作者以後作者
19. Chen CK, Chou HP, Guo CY, Chang HT, Chang YY, Chen IM, Wu MH, Shih CC.. Interobserver and intraobserver variability in measuring the tortuosity of the thoracic aorta on computed tomography. **JOURNAL OF VASCULAR SURGERY** 2018; 68(4):1183-1192 (SCI). (Impact factor: 3.405;Rank: 17.38%)第三作者作者
20. Sung SH, Wang TJ, Cheng HM, Yu WC, Guo CY, Chiang CE, Chen CH.. Clinical Characteristics and Outcomes in the Very Elderly Patients Hospitalized for Acute Heart Failure: Importance of Pharmacologic Guideline Adherence. **Scientific Reports** 2018; 24(8(1)):14270 (SCI). (Impact factor: 3.998;Rank: 23.24%)第四作者以後作者

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22. Chen YJ, Sung SH, Cheng HM, Huang WM, Wu CL, Huang CJ, Hsu PF, Yeh JS, Guo CY, Yu WC, Chen CH.. Performance of AHEAD Score in an Asian Cohort of Acute Heart Failure With Either Preserved or Reduced Left Ventricular Systolic Function. **Journal of the American Heart Association** 2017; 4(6(5)): (SCI). (Impact factor: 4.605;Rank: 22.10%)第四作者以後作者
23. Cheng YL, Sung SH, Cheng HM, Hsu PF, Guo CY, Yu WC, Chen CH.. Prognostic Nutritional Index and the Risk of Mortality in Patients With Acute Heart Failure. **Journal of the American Heart Association** 2017; 25(6(6)): (SCI). (Impact factor: 4.605;Rank: 22.10%)第四作者以後作者
24. Malikova MA, Tkacz JN, Slanetz PJ, Guo CY, Aakil A, Jara H.. Evaluation of T1/T2 ratios in a pilot study as a potential biomarker of biopsy: proven benign and malignant breast lesions in correlation with histopathological disease stage. **Future Science OA** 2017; 2(3(3)): (OI). 第四作者以後作者
25. Huang WM, Cheng HM, Huang CJ, Guo CY, Lu DY, Lee CW, Hsu PF, Yu WC, Chen CH, Sung SH.. Hemographic indices are associated with mortality in acute heart failure. **Scientific Reports** 2017; 19(7(1)): (SCI). (Impact factor: 3.998;Rank: 23.24%)第四作者以後作者
26. Cheng HC, Guo CY, Chen YJ, Chen MJ, Ko YC, Huang N, Liu CJ.. Patient-Reported Vision-Related Quality-of-Life Differences between Primary Angle-Closure Glaucoma and Primary Open-Angle Glaucoma. **PLoS One** 2016; : (SCI). (Impact factor: 2.74;Rank: 37.32%)第二作者作者
27. Huang BS, Chang WH, Wang KC, Huang N, Guo CY, Chou YJ, Huang HY, Chen TJ, Lee WL, Wang PH.. Endometriosis Might Be Inversely Associated with Developing Chronic Kidney Disease: A Population-Based Cohort Study in Taiwan. **INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES** 2016; : (SCI). (Impact factor: 4.556;Rank: 24.75%)第四作者以後作者
28. Lu DY, Cheng HM, Cheng YL, Hsu PF, Huang WM, Guo CY, Yu WC, Chen CH, Sung SH.. Hyponatremia and Worsening Sodium Levels Are Associated With Long-Term Outcome in Patients Hospitalized for Acute Heart Failure. **Journal of the American Heart Association** 2016; : (SCI). (Impact factor: 4.605;Rank: 22.10%)第四作者以後作者
29. Cheng YL, Cheng HM, Huang WM, Lu DY, Hsu PF, Guo CY, Yu WC, Chen CH, Sung SH.. Red Cell Distribution Width and the Risk of Mortality in Patients With Acute Heart Failure With or

- Without Cardiorenal Anemia Syndrome. **AMERICAN JOURNAL OF CARDIOLOGY** 2016; : (SCI). (Impact factor: 2.57;Rank: 45.29%)第四作者以後作者
30. Huang WM, Hsu PF, Cheng HM, Lu DY, Cheng YL, Guo CY, Sung SH, Yu WC, Chen CH.. Determinants and Prognostic Impact of Hyperuricemia in Hospitalization for Acute Heart Failure. **CIRCULATION JOURNAL** 2016; : (SCI). (Impact factor: 2.54;Rank: 46.01%)第四作者以後作者
31. Cheng HC, Guo CY, Chen MJ, Ko YC, Huang N, Liu CJ.. Patient-reported vision-related quality of life differences between superior and inferior hemifield visual field defects in primary open-angle glaucoma. **JAMA Ophthalmology** 2015; 133(3):269-75 (SCI). (Impact factor: 6.198;Rank: 5.83%)第二作者作者
32. Lee WL, Chang WH, Wang KC, Guo CY, Chou YJ, Huang N, Huang HY, Yen MS, Wang PH.. The Risk of Epithelial Ovarian Cancer of Women With Endometriosis May be Varied Greatly if Diagnostic Criteria Are Different. **MEDICINE** 2015; : (SCI). (Impact factor: 1.552;Rank: 53.64%)第四作者以後作者
33. Guo CY, Chen YJ, Chen YH. The Logistic Regression Model for Gene-Environment Interactions Using Both Case-Parent Trios and Unrelated Case-Controls. **ANNALS OF HUMAN GENETICS** 2014; 78(4):299-305 (SCI). (Impact factor: 1.368;Rank: 81.18%)第一作者/通訊作者作者
34. Chang WH, Wang KC, Lee WL, Huang N, Chou YJ , Feng RC , Yen MS, Huang BS, Guo CY, Wang PH. Endometriosis and the subsequent risk of epithelial ovarian cancer. **Taiwanese Journal of Obstetrics and Gynecology** 2014; 53(4):530-535 (SCI). (Impact factor: 1.513;Rank: 76.22%)第一作者/通訊作者作者
35. Wang KC, Chang WH, Lee WL, Huang N, Huang HY, Chou YJ, Yen MS, Guo CY* (co-corresponding author), Wang PH*. An increased risk of epithelial ovarian cancer in Taiwanese women with a new surgico-pathological diagnosis of endometriosis. **BMC Cancer** 2014; 18(14):831 (SCI). (Impact factor: 3.15;Rank: 52.66%)第一作者/通訊作者作者
36. Guo CY, Pan WC, Chen MJ, Tsai CW, Chen NT, Su HJ.. When are We Most Vulnerable to Temperature Variations in a Day?. **PLoS One** 2014; 9(12): (SCI). (Impact factor: 2.74;Rank: 37.32%)第一作者/通訊作者作者
37. Chen NT, Chen MJ, Guo CY, Chen KT, Su HJ.. Precipitation increases the occurrence of sporadic Legionnaires' disease in Taiwan. **PLoS One** 2014; 9(12): (SCI). (Impact factor: 2.74;Rank: 37.32%)第三作者作者
38. Batey LA, Welt CK, Rohr F, Wessel A, Anastasoie V, Feldman HA, Guo CY, Rubio-Gozalbo E, Berry G, Gordon CM. Skeletal health in adult patients with classic galactosemia. **Osteoporos Int**

- 2013; 24(2):501-509 (SCI). 第四作者以後作者
39. Hall MW, Geyer SM, Guo CY, Panoskaltis-Mortari A, Jouvet P, Ferdinands J, Shay DK, Nateri J, Greathouse K, Sullivan R, Tran T, Keisling S, Randolph AG;for the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network PICFlu Study Investigators. Innate Immune Function and Mortality in Critically Ill Children With Influenza: A Multicenter Study. **Crit Care Med** 2013; 41(1):224-236 (SCI). 第三作者作者
40. Dies KA, Bodell A, Hisama F.M., Guo CY, Barry B, Chang BS, Barkovich AJ, Walsh CA. Schizencephaly: Association with Young Maternal Age, Alcohol Use and Lack of Prenatal Care. **J Child Neurol** 2013; 28(2):198-203 (SCI). 第四作者以後作者
41. Lin WH, Guo CY(co-first author), Wang WM, Yang DC, Kuo TH, Liu MF,Wang MC. Incidence of progression from newly diagnosed systemic lupus erythematosus to end stage renal disease and all-cause mortality: a nationwide cohort study in Taiwan. **Int J Rheum Dis** 2013; 16(6):747-53 (SCI). (Impact factor: 1.98;Rank: 76.56%)第一作者/通訊作者作者
42. Wu CH, Guo CY, Yang JG, Tsai HD, Chang YJ, Tsai PC, Hsu CC, Kuo PL.. Polymorphisms of Dioxin Receptor Complex Components and Detoxification-Related Genes Jointly Confer Susceptibility to Advanced-Stage Endometriosis in the Taiwanese Han Population. **AMERICAN JOURNAL OF REPRODUCTIVE IMMUNOLOGY** 2012; 67(2):160-168 (SCI). (Impact factor: 2.739;Rank: 53.45%)第二作者作者
43. Marchini GS, Onal B, Guo CY, Rowe CK, Kunkel L, Bauer SB, Retik AB, Nguyen HT.. Genome gender diversity in affected sib-pairs with familial vesico-ureteric reflux identified by single nucleotide polymorphism linkage analysis. **BJU INTERNATIONAL** 2012; 109(11):1709-1714 (SCI). (Impact factor: 4.806;Rank: 12.35%)第三作者作者
44. Waisbren SE, Potter NL, Gordon CM, Green RC, Greenstein P, Gubbels CS, Rubio-Gozalbo E, Schomer D, Welt C, Anastasoie V, D'Anna K, Gentile J, Guo CY, Hecht L, Jackson R, Jansma BM, Li Y, Lip V, Miller DT, Murray M, Power L, Quinn N, Rohr F, Shen Y, Skinder-Meredith A, Timmers I, Tunick R, Wessel A, Wu BL, Levy H, Elsas L, Berry GT.. The adult galactosemic phenotype. **JOURNAL OF INHERITED METABOLIC DISEASE** 2012; 35(2):279-286 (SCI). (Impact factor: 4.036;Rank: 26.22%)第四作者以後作者
45. Guo CY. A novel test of informative missingness using inconsistent linkage disequilibrium signals between case-parent triads and incomplete data. **J Hum Genet** 2012; 57(9):601-609 (SCI). (Impact factor: 2.831;Rank: 49.72%)單一作者作者
46. Chang YT, Guo CY, Tsai MS, Cheng YY, Lin MT, Chen CH, Shen D, Wang JR, Sung JM. Poor immune response to a standard single dose non-adjuvanted vaccination against 2009 pandemic H1N1 influenza virus A in the adult and elder hemodialysis patients. **VACCINE** 2012;

- 30(33):5009-18 (SCI). (Impact factor: 3.143;Rank: 49.28%)第二作者作者
47. Porter SC, Guo CY, Molino J, Toomey SL, Chan E. The influence of task environment and health literacy on the quality of parent-reported ADHD data. **Applied Clinical Informatics** 2012; 3:24-27 (OI). (Impact factor: 2.147;Rank: 61.11%)第二作者作者
 48. Porter SC, Guo CY, Bacic J, Chan E.. Health literacy and task environment influence parents' burden for data entry on child-specific health information: randomized controlled trial. **JOURNAL OF MEDICAL INTERNET RESEARCH** 2011; 13(1):e13 (SCI). (Impact factor: 5.034;Rank: 4.41%)第二作者作者
 49. Upadhyay A, Larson MG, Guo CY, Vasani RS, Lipinska I, O'Donnell CJ, Kathiresan S, Meigs JB, Keaney JF Jr, Rong J, Benjamin EJ, Fox CS.. Inflammation, kidney function and albuminuria in the Framingham Offspring cohort. **NEPHROLOGY DIALYSIS TRANSPLANTATION** 2011; 26(3):920-926 (SCI). (Impact factor: 4.531;Rank: 13.53%)第三作者作者
 50. Degrazia M, Guo CY, Wilkinson AA, Rhein L.. Weight and age as predictors for passing the infant car seat challenge. **PEDIATRICS** 2010; 125(3):526-531 (SCI). (Impact factor: 5.359;Rank: 3.52%)第二作者作者
 51. Briggs CE, Guo CY (co-first author), Schoettler C, Rosoklija I, Silva A, Bauer SB, Retik AB, Kunkel L, Nguyen HT. A genome scan in affected sib-pairs with familial vesicoureteral reflux identifies a locus on chromosome 5. **EUROPEAN JOURNAL OF HUMAN GENETICS** 2010; 18(2):245-250 (SCI). (Impact factor: 3.657;Rank: 31.18%)第一作者/通訊作者作者
 52. Clune JE, Greene AK, Guo CY, Gao LL, Kim S, Meara JG, Proctor MR, Mulliken JB, Rogers GF.. Perioperative Corticosteroid Reduces Hospital Stay After Fronto-Orbital Advancement. **JOURNAL OF CRANIOFACIAL SURGERY** 2010; 21(2):344-348 (SCI). (Impact factor: 0.953;Rank: 86.91%)第三作者作者
 53. Yang Q, Wu H, Guo CY, Fox CS.. Analyze multivariate phenotypes in genetic association studies by combining univariate association tests. **GENETIC EPIDEMIOLOGY** 2010; 34(5):444-454 (SCI). (Impact factor: 1.954;Rank: 41.53%)第三作者作者
 54. Chen MH, Larson MG, Hsu YH, Peloso GM, Guo CY, Fox CS, Atwood LD, Yang Q.. A three-stage approach for genome-wide association studies with family data for quantitative traits. **BMC GENETICS** 2010; 11:40 (SCI). (Impact factor: 2.567;Rank: 57.02%)第四作者以後作者
 55. Fujii AM, Patel SM, Allen R, Doros G, Guo CY and Testa S. Poractant alfa and beractant treatment of very premature infants with respiratory distress syndrome. **Journal of Perinatology** 2010; 30:665-670 (SCI). (Impact factor: 1.967;Rank: 44.14%)第四作者以後作者
 56. Guo CY, Lunetta KL, DeStefano AL, Cupples LA.. Combined haplotype relative risk (CHRR): a general and simple genetic association test that combines trios and unrelated case-controls.

- GENETIC EPIDEMIOLOGY** 2009; 33(1):54-62 (SCI). (Impact factor: 1.954;Rank: 41.53%)第一作者/通訊作者作者
57. Murabito JM, Keyes MJ, Guo CY, Keaney JF Jr, Vasan RS, D'Agostino RB Sr, Benjamin EJ.. Cross-sectional relations of multiple inflammatory biomarkers to peripheral arterial disease: The Framingham Offspring Study. **ATHEROSCLEROSIS** 2009; 203(2):509-514 (SCI). (Impact factor: 3.919;Rank: 23.85%)第三作者作者
58. Parikh NI, Hwang SJ, Yang Q, Larson MG, Guo CY, Robins SJ, Sutherland P, Benjamin EJ, Levy D, Fox CS.. Clinical correlates and heritability of cystatin C (from the Framingham Offspring Study). **AMERICAN JOURNAL OF CARDIOLOGY** 2008; 102(9):1194-1198 (SCI). (Impact factor: 2.57;Rank: 45.29%)第四作者以後作者
59. Guo CY, Cupples LA, Yang Q.. Testing informative missingness in genetic studies using case-parent triads. **EUROPEAN JOURNAL OF HUMAN GENETICS** 2008; 16(8):992-1001 (SCI). (Impact factor: 3.657;Rank: 31.18%)第一作者/通訊作者作者
60. Levitzky YS, Guo CY, Rong J, Larson MG, Walter RE, Keaney JF Jr, Sutherland PA, Vasan A, Lipinska I, Evans JC, Benjamin EJ.. Relation of smoking status to a panel of inflammatory markers: the Framingham offspring. **ATHEROSCLEROSIS** 2008; 201(1):217-224 (SCI). (Impact factor: 3.919;Rank: 23.85%)第二作者作者
61. Newton-Cheh C, Guo CY, Larson MG, Musone SL, Surti A, Camargo AL, Drake JA, Benjamin EJ, Levy D, D'Agostino RB Sr, Hirschhorn JN, O'donnell CJ.. Common genetic variation in KCNH2 is associated with QT interval duration: the Framingham Heart Study. **CIRCULATION** 2007; 116(10):1128-1136 (SCI). (Impact factor: 23.603;Rank: 0.36%)第二作者作者
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