

Chao-Yu Guo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

84 papers	3,294 citations	28 h-index	57 g-index
95 ext. papers	3,752 ext. citations	4.5 avg, IF	4.49 L-index

#	Paper	IF	Citations
84	Prognostic Role of Pulmonary Function in Patients With Heart Failure With Reduced Ejection Fraction.. <i>Journal of the American Heart Association</i> , 2022 , e023422	6	0
83	Comparison between American Institute of Medicine Guidelines and Local Recommendation for Gestational Weight Gain in Taiwanese Primiparous Women. <i>Maternal and Child Health Journal</i> , 2021 , 25, 1981-1991	2.4	1
82	Extensions of the distributed lag non-linear model (DLNM) to account for cumulative mortality. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 38679-38688	5.1	2
81	Family-based gene-environment interaction using sequence kernel association test (FGE-SKAT) for complex quantitative traits. <i>Scientific Reports</i> , 2021 , 11, 7431	4.9	
80	Impact of dietary intake of sodium and potassium on short-term blood pressure variability. <i>Journal of Hypertension</i> , 2021 , 39, 1835-1843	1.9	1
79	The Optimal Machine Learning-Based Missing Data Imputation for the Cox Proportional Hazard Model. <i>Frontiers in Public Health</i> , 2021 , 9, 680054	6	2
78	Feasibility of the transcatheter mitral valve repair for patients with severe mitral regurgitation and endangered heart failure. <i>Journal of the Formosan Medical Association</i> , 2021 , 120, 452-459	3.2	1
77	A novel cross-validation strategy for artificial neural networks using distributed-lag environmental factors. <i>PLoS ONE</i> , 2021 , 16, e0244094	3.7	1
76	Inadequate gestational weight gain contributes to increasing rates of low birth weight in Taiwan: 2011-2016 nationwide surveys. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2021 , 60, 857-862	1.6	3
75	The ventilatory abnormalities and prognostic values of H FPEF score in dyspnoeic patients with preserved left ventricle systolic function. <i>ESC Heart Failure</i> , 2020 , 7, 1872-1879	3.7	2
74	Risk stratification in patients hospitalized for acute heart failure in Asian population. <i>Journal of the Chinese Medical Association</i> , 2020 , 83, 544-550	2.8	0
73	Subsequent Development of Epithelial Ovarian Cancer After Ovarian Surgery for Benign Ovarian Tumor: A Population-Based Cohort Study. <i>Clinical Epidemiology</i> , 2020 , 12, 637-649	5.9	2
72	The role of pulmonary function in patients with heart failure and preserved ejection fraction: Looking beyond chronic obstructive pulmonary disease. <i>PLoS ONE</i> , 2020 , 15, e0235152	3.7	4
71	Dose-Response Relationships between Breastfeeding and Postpartum Weight Retention Differ by Pre-Pregnancy Body-Mass Index in Taiwanese Women. <i>Nutrients</i> , 2020 , 12,	6.7	3
70	Wound Care Knowledge, Attitudes, and Practices and Mobile Health Technology Use in the Home Environment: Cross-Sectional Survey of Social Network Users. <i>JMIR MHealth and UHealth</i> , 2020 , 8, e15678	5.5	0
69	Association Between Targeted Aortic Segment Tortuosity and Stent-Graft-Induced New Entry After Thoracic Endovascular Aortic Repair for Aortic Dissection or Intramural Hematoma. <i>American Journal of Roentgenology</i> , 2020 , 214, 679-686	5.4	1
68	A statistical predictive model consistent within a 5-year follow-up period for patients with acute heart failure. <i>Journal of the Chinese Medical Association</i> , 2020 , 83, 1008-1013	2.8	2

67	A novel machine learning strategy for model selections - Stepwise Support Vector Machine (StepSVM). <i>PLoS ONE</i> , 2020 , 15, e0238384	3.7	4
66	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. <i>Trials</i> , 2019 , 20, 265	2.8	4
65	Prognostic Comparison of the Estimations of Renal Function in Patients With Acute Heart Failure. <i>Circulation Journal</i> , 2019 , 83, 767-774	2.9	1
64	Perturbations of pulsatile hemodynamics and clinical outcomes in patients with acute heart failure and reduced, mid-range or preserved ejection fraction. <i>PLoS ONE</i> , 2019 , 14, e0220183	3.7	1
63	Evaluation of factors contributing to the decline in exclusive breastfeeding at 6 months postpartum: The 2011-2016 National Surveys in Taiwan. <i>Birth</i> , 2018 , 45, 184-192	3.1	16
62	Interobserver and intraobserver variability in measuring the tortuosity of the thoracic aorta on computed tomography. <i>Journal of Vascular Surgery</i> , 2018 , 68, 1183-1192.e1	3.5	4
61	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. <i>Medicine (United States)</i> , 2018 , 97, e0157	1.8	5
60	Clinical Characteristics and Outcomes in the Very Elderly Patients Hospitalized for Acute Heart Failure: Importance of Pharmacologic Guideline Adherence. <i>Scientific Reports</i> , 2018 , 8, 14270	4.9	5
59	Subtypes of physical frailty: Latent class analysis and associations with clinical characteristics and outcomes. <i>Scientific Reports</i> , 2017 , 7, 46417	4.9	36
58	Performance of AHEAD Score in an Asian Cohort of Acute Heart Failure With Either Preserved or Reduced Left Ventricular Systolic Function. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	16
57	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. <i>Future Science OA</i> , 2017 , 3, FSO197	2.7	2
56	Prognostic Nutritional Index and the Risk of Mortality in Patients With Acute Heart Failure. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	99
55	Hemographic indices are associated with mortality in acute heart failure. <i>Scientific Reports</i> , 2017 , 7, 178289	4.9	8
54	Determinants and Prognostic Impact of Hyperuricemia in Hospitalization for Acute Heart Failure. <i>Circulation Journal</i> , 2016 , 80, 404-10	2.9	19
53	Red Cell Distribution Width and the Risk of Mortality in Patients With Acute Heart Failure With or Without Cardiorenal Anemia Syndrome. <i>American Journal of Cardiology</i> , 2016 , 117, 399-403	3	8
52	Endometriosis Might Be Inversely Associated with Developing Chronic Kidney Disease: A Population-Based Cohort Study in Taiwan. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	11
51	Patient-Reported Vision-Related Quality-of-Life Differences between Primary Angle-Closure Glaucoma and Primary Open-Angle Glaucoma. <i>PLoS ONE</i> , 2016 , 11, e0163123	3.7	5
50	Hyponatremia and Worsening Sodium Levels Are Associated With Long-Term Outcome in Patients Hospitalized for Acute Heart Failure. <i>Journal of the American Heart Association</i> , 2016 , 5, e002668	6	28

49	Patient-reported vision-related quality of life differences between superior and inferior hemifield visual field defects in primary open-angle glaucoma. <i>JAMA Ophthalmology</i> , 2015 , 133, 269-75	3.9	51
48	The Risk of Epithelial Ovarian Cancer of Women With Endometriosis May be Varied Greatly if Diagnostic Criteria Are Different: A Nationwide Population-Based Cohort Study. <i>Medicine (United States)</i> , 2015 , 94, e1633	1.8	43
47	The logistic regression model for gene-environment interactions using both case-parent trios and unrelated case-controls. <i>Annals of Human Genetics</i> , 2014 , 78, 299-305	2.2	1
46	Precipitation increases the occurrence of sporadic legionnaires disease in Taiwan. <i>PLoS ONE</i> , 2014 , 9, e114337	3.7	10
45	An increased risk of epithelial ovarian cancer in Taiwanese women with a new surgico-pathological diagnosis of endometriosis. <i>BMC Cancer</i> , 2014 , 14, 831	4.8	34
44	Endometriosis and the subsequent risk of epithelial ovarian cancer. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2014 , 53, 530-5	1.6	31
43	When are we most vulnerable to temperature variations in a day?. <i>PLoS ONE</i> , 2014 , 9, e113195	3.7	5
42	Incidence of progression from newly diagnosed systemic lupus erythematosus to end stage renal disease and all-cause mortality: a nationwide cohort study in Taiwan. <i>International Journal of Rheumatic Diseases</i> , 2013 , 16, 747-53	2.3	12
41	Skeletal health in adult patients with classic galactosemia. <i>Osteoporosis International</i> , 2013 , 24, 501-9	5.3	22
40	Schizencephaly: association with young maternal age, alcohol use, and lack of prenatal care. <i>Journal of Child Neurology</i> , 2013 , 28, 198-203	2.5	23
39	Innate immune function and mortality in critically ill children with influenza: a multicenter study. <i>Critical Care Medicine</i> , 2013 , 41, 224-36	1.4	113
38	Genome gender diversity in affected sib-pairs with familial vesico-ureteric reflux identified by single nucleotide polymorphism linkage analysis. <i>BJU International</i> , 2012 , 109, 1709-14	5.6	8
37	The adult galactosemic phenotype. <i>Journal of Inherited Metabolic Disease</i> , 2012 , 35, 279-86	5.4	124
36	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. <i>Vaccine</i> , 2012 , 30, 5009-18	4.1	31
35	The influence of task environment and health literacy on the quality of parent-reported ADHD data. <i>Applied Clinical Informatics</i> , 2012 , 3, 24-37	3.1	5
34	Polymorphisms of dioxin receptor complex components and detoxification-related genes jointly confer susceptibility to advanced-stage endometriosis in the taiwanese han population. <i>American Journal of Reproductive Immunology</i> , 2012 , 67, 160-8	3.8	21
33	A novel test of informative missingness using inconsistent linkage disequilibrium signals between case-parent triads and incomplete data. <i>Journal of Human Genetics</i> , 2012 , 57, 601-9	4.3	1
32	Inflammation, kidney function and albuminuria in the Framingham Offspring cohort. <i>Nephrology Dialysis Transplantation</i> , 2011 , 26, 920-6	4.3	97

31	Health literacy and task environment influence parents' burden for data entry on child-specific health information: randomized controlled trial. <i>Journal of Medical Internet Research</i> , 2011 , 13, e13	7.6	4
30	A genome scan in affected sib-pairs with familial vesicoureteral reflux identifies a locus on chromosome 5. <i>European Journal of Human Genetics</i> , 2010 , 18, 245-50	5.3	24
29	Weight and age as predictors for passing the infant car seat challenge. <i>Pediatrics</i> , 2010 , 125, 526-31	7.4	12
28	Perioperative corticosteroid reduces hospital stay after fronto-orbital advancement. <i>Journal of Craniofacial Surgery</i> , 2010 , 21, 344-8	1.2	7
27	Analyze multivariate phenotypes in genetic association studies by combining univariate association tests. <i>Genetic Epidemiology</i> , 2010 , 34, 444-54	2.6	113
26	A three-stage approach for genome-wide association studies with family data for quantitative traits. <i>BMC Genetics</i> , 2010 , 11, 40	2.6	3
25	Combined haplotype relative risk (CHRR): a general and simple genetic association test that combines trios and unrelated case-controls. <i>Genetic Epidemiology</i> , 2009 , 33, 54-62	2.6	12
24	Cross-sectional relations of multiple inflammatory biomarkers to peripheral arterial disease: The Framingham Offspring Study. <i>Atherosclerosis</i> , 2009 , 203, 509-14	3.1	52
23	Testing informative missingness in genetic studies using case-parent triads. <i>European Journal of Human Genetics</i> , 2008 , 16, 992-1001	5.3	4
22	Clinical correlates and heritability of cystatin C (from the Framingham Offspring Study). <i>American Journal of Cardiology</i> , 2008 , 102, 1194-8	3	42
21	Relation of smoking status to a panel of inflammatory markers: the framingham offspring. <i>Atherosclerosis</i> , 2008 , 201, 217-24	3.1	98
20	Informative-transmission disequilibrium test (i-TDT): combined linkage and association mapping that includes unaffected offspring as well as affected offspring. <i>Genetic Epidemiology</i> , 2007 , 31, 115-33	2.6	12
19	The Framingham Heart Study 100K SNP genome-wide association study resource: overview of 17 phenotype working group reports. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S1	2.1	152
18	Genetic correlates of longevity and selected age-related phenotypes: a genome-wide association study in the Framingham Study. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S13	2.1	156
17	Framingham Heart Study 100K project: genome-wide associations for cardiovascular disease outcomes. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S5	2.1	139
16	Genome-wide association study of electrocardiographic and heart rate variability traits: the Framingham Heart Study. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S7	2.1	70
15	Association of multiple inflammatory markers with carotid intimal medial thickness and stenosis (from the Framingham Heart Study). <i>American Journal of Cardiology</i> , 2007 , 99, 1598-602	3	101
14	Cross-sectional correlates of increased aortic stiffness in the community: the Framingham Heart Study. <i>Circulation</i> , 2007 , 115, 2628-36	16.7	191

13	Vascular stiffness and genetic variation at the endothelial nitric oxide synthase locus: the Framingham Heart study. <i>Hypertension</i> , 2007 , 49, 1285-90	8.5	28
12	Common genetic variation in KCNH2 is associated with QT interval duration: the Framingham Heart Study. <i>Circulation</i> , 2007 , 116, 1128-36	16.7	64
11	Clinical and genetic correlates of aldosterone-to-renin ratio and relations to blood pressure in a community sample. <i>Hypertension</i> , 2007 , 49, 846-56	8.5	163
10	The impact of complex informative missingness on the validity of the transmission/disequilibrium test (TDT). <i>BMC Proceedings</i> , 2007 , 1 Suppl 1, S26	2.3	5
9	Joint modeling of linkage and association using affected sib-pair data. <i>BMC Proceedings</i> , 2007 , 1 Suppl 1, S38	2.3	3
8	Clinical and echocardiographic correlates of plasma procollagen type III amino-terminal peptide levels in the community. <i>American Heart Journal</i> , 2007 , 154, 291-7	4.9	33
7	Relations of inflammation and novel risk factors to valvular calcification. <i>American Journal of Cardiology</i> , 2006 , 97, 1502-5	3	45
6	Heritability of the ankle-brachial index: the Framingham Offspring study. <i>American Journal of Epidemiology</i> , 2006 , 164, 963-8	3.8	60
5	Cross-sectional association of kidney function with valvular and annular calcification: the Framingham heart study. <i>Journal of the American Society of Nephrology: JASN</i> , 2006 , 17, 521-7	12.7	125
4	Contribution of clinical correlates and 13 C-reactive protein gene polymorphisms to interindividual variability in serum C-reactive protein level. <i>Circulation</i> , 2006 , 113, 1415-23	16.7	183
3	A common genetic variant in the NOS1 regulator NOS1AP modulates cardiac repolarization. <i>Nature Genetics</i> , 2006 , 38, 644-51	36.3	438
2	Expectation maximization algorithm based haplotype relative risk (EM-HRR): test of linkage disequilibrium using incomplete case-parents trios. <i>Human Heredity</i> , 2005 , 59, 125-35	1.1	15
1	Impact of non-ignorable missingness on genetic tests of linkage and/or association using case-parent trios. <i>BMC Genetics</i> , 2005 , 6 Suppl 1, S90	2.6	7