Guanhua Chen

List of Publications by Year
in descending order

54 papers	2,261 citations	361413 20 h-index	254184 43 g-index
58 all docs	58 docs citations	58 times ranked	5844 citing authors

#	ARTICLE	IF	CITATIONS
1	A generalizability score for aggregate causal effect. Biostatistics, 2023, 24, 309-326.	1.5	1
2	Novel Use of Patient-Specific Covariates From Oncology Studies in the Era of Biomedical Data Science: A Review of Latest Methodologies. Journal of Clinical Oncology, 2022, 40, 3546-3553.	1.6	2
3	Assessment of potential factors associated with the sensitivity and specificity of Sofia Influenza A+B Fluorescent Immunoassay in an ambulatory care setting. PLoS ONE, 2022, 17, e0268279.	2.5	2
4	Proposing a Sex-Adjusted Sodium-Adjusted MELD Score for Liver Transplant Allocation. JAMA Surgery, 2022, 157, 618.	4.3	16
5	Genetic risk for major depressive disorder and loneliness in sex-specific associations with coronary artery disease. Molecular Psychiatry, 2021, 26, 4254-4264.	7.9	26
6	A Two-Part Framework for Estimating Individualized Treatment Rules From Semicontinuous Outcomes. Journal of the American Statistical Association, 2021, 116, 210-223.	3.1	2
7	Robust and Powerful Differential Composition Tests for Clustered Microbiome Data. Statistics in Biosciences, 2021, 13, 200-216.	1.2	6
8	Clinical laboratory test-wide association scan of polygenic scores identifies biomarkers of complex disease. Genome Medicine, 2021, 13, 6.	8.2	49
9	A Comparison of Expert Ratings and Marker-Less Hand Tracking Along OSATS-Derived Motion Scales. IEEE Transactions on Human-Machine Systems, 2021, 51, 22-31.	3.5	2
10	Obesity and BMI Cut Points for Associated Comorbidities: Electronic Health Record Study. Journal of Medical Internet Research, 2021, 23, e24017.	4.3	13
11	A Continuously Benchmarked and Crowdsourced Challenge for Rapid Development and Evaluation of Models to Predict COVID-19 Diagnosis and Hospitalization. JAMA Network Open, 2021, 4, e2124946.	5.9	8
12	Use of the PsycheMERGE Network to Investigate the Association Between Depression Polygenic Scores and White Blood Cell Count. JAMA Psychiatry, 2021, 78, 1365.	11.0	31
13	More Generalizable Models For Sepsis Detection Under Covariate Shift. AMIA Summits on Translational Science Proceedings, 2021, 2021, 220-228.	0.4	0
14	Predicting 30-Day Hospital Readmission Risk in a National Cohort of Patients with Cirrhosis. Digestive Diseases and Sciences, 2020, 65, 1003-1031.	2.3	17
15	Biclustering via sparse clustering. Biometrics, 2020, 76, 348-358.	1.4	4
16	An assessment of parental knowledge, attitudes, and beliefs regarding influenza vaccination. Vaccine, 2020, 38, 1565-1571.	3.8	20
17	Weight Loss for Patients With Obesity. Medical Care, 2020, 58, 265-272.	2.4	7
18	PSCAN: Spatial scan tests guided by protein structures improve complex disease gene discovery and signal variant detection. Genome Biology, 2020, 21, 217.	8.8	11

#	ARTICLE	IF	CITATIONS
19	Management and long-term outcomes associated with recalled implantable cardioverter-defibrillator leads: A multicenter experience. Heart Rhythm, 2020, 17, 1909-1916.	0.7	3
20	Soy food intake associates with changes in the metabolome and reduced blood pressure in a gut microbiota dependent manner. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 1500-1511.	2.6	16
21	Constructing dynamic treatment regimes with shared parameters for censored data. Statistics in Medicine, 2020, 39, 1250-1263.	1.6	7
22	Accounting for dependent errors in predictors and time-to-event outcomes using electronic health records, validation samples and multiple imputation. Annals of Applied Statistics, 2020, 14, 1045-1061.	1.1	13
23	Using Community Health Workers and a Smartphone Application to Improve Diabetes Control in Rural Guatemala. Global Health, Science and Practice, 2020, 8, 699-720.	1.7	10
24	Resource Utilization Among Portal Users Who Send Messages: A Retrospective Cohort Study. Wisconsin Medical Journal, 2020, 119, 26-32.	0.3	1
25	Zero-inflated generalized Dirichlet multinomial regression model for microbiome compositional data analysis. Biostatistics, 2019, 20, 698-713.	1.5	49
26	A clinical risk prediction model to identify patients with hepatorenal syndrome at hospital admission. International Journal of Clinical Practice, 2019, 73, e13393.	1.7	4
27	Close social relationships correlate with human gut microbiota composition. Scientific Reports, 2019, 9, 703.	3.3	134
28	Multi-Omic Analysis of the Microbiome and Metabolome in Healthy Subjects Reveals Microbiome-Dependent Relationships Between Diet and Metabolites. Frontiers in Genetics, 2019, 10, 454.	2.3	104
29	A transition care coordinator model reduces hospital readmissions and costs. Contemporary Clinical Trials, 2019, 81, 55-61.	1.8	25
30	Development of a national Department of Veterans Affairs mortality risk prediction model among patients with cirrhosis. BMJ Open Gastroenterology, 2019, 6, e000342.	2.7	4
31	Effectiveness of a Best Practice Alerts at Improving Hypertension Control. American Journal of Hypertension, 2019, 32, 70-76.	2.0	15
32	High dietary salt–induced DC activation underlies microbial dysbiosis-associated hypertension. JCI Insight, 2019, 4, .	5.0	105
33	Acute kidney injury is a risk factor for subsequent proteinuria. Kidney International, 2018, 93, 460-469.	5.2	68
34	Incidence and predictors of MRI scan utilization in MRI–conditional pacemaker recipients: A multicenter experience. PACE - Pacing and Clinical Electrophysiology, 2018, 41, 1519-1525.	1.2	4
35	Cost-effectiveness analysis of magnetic resonance imaging–conditional pacemaker implantation: Insights from a multicenter study and implications in the current era. Heart Rhythm, 2018, 15, 1690-1697.	0.7	5
36	Untangling the R2* contrast in multiple sclerosis: A combined MRI-histology study at 7.0 Tesla. PLoS ONE, 2018, 13, e0193839.	2.5	45

#	ARTICLE	IF	CITATIONS
37	Evidence for widespread dysregulation of circadian clock progression in human cancer. PeerJ, 2018, 6, e4327.	2.0	75
38	A general framework for association analysis of microbial communities on a taxonomic tree. Bioinformatics, 2017, 33, 1278-1285.	4.1	41
39	Calibration drift in regression and machine learning models for acute kidney injury. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 1052-1061.	4.4	182
40	Longitudinal assessment of cardiac morphology and function following kidney transplantation. Clinical Transplantation, 2017, 31, e12864.	1.6	9
41	Changes in vaginal community state types reflect major shifts in the microbiome. Microbial Ecology in Health and Disease, 2017, 28, 1303265.	3.5	66
42	Calibration Drift Among Regression and Machine Learning Models for Hospital Mortality. AMIA ... Annual Symposium proceedings, 2017, 2017, 625-634.	0.2	16
43	Long term evolution of endothelial function during kidney transplantation. BMC Nephrology, 2016, 17, 160.	1.8	16
44	Leucine disposal rate for assessment of amino acid metabolism in maintenance hemodialysis patients. BMC Nutrition, 2016, 2, .	1.6	3
45	PERMANOVA-S: association test for microbial community composition that accommodates confounders and multiple distances. Bioinformatics, 2016, 32, 2618-2625.	4.1	120
46	High Dose Omega-3 Fatty Acid Administration and Skeletal Muscle Protein Turnover in Maintenance Hemodialysis Patients. Clinical Journal of the American Society of Nephrology: CJASN, 2016, 11, 1227-1235.	4.5	19
47	Personalized Dose Finding Using Outcome Weighted Learning. Journal of the American Statistical Association, 2016, 111, 1509-1521.	3.1	44
48	Fibroblast growth factor 23 levels are elevated and associated with severe acute kidney injury and death following cardiac surgery. Kidney International, 2016, 89, 939-948.	5.2	71
49	Disparities in Electronic Health Record Patient Portal Use in Nephrology Clinics. Clinical Journal of the American Society of Nephrology: CJASN, 2015, 10, 2013-2022.	4.5	90
50	Heritability and genomics of gene expression in peripheral blood. Nature Genetics, 2014, 46, 430-437.	21.4	370
51	Copy number variation in schizophrenia in Sweden. Molecular Psychiatry, 2014, 19, 762-773.	7.9	257
52	Comprehensive analysis of copy number variation in monozygotic twins discordant for bipolar disorder or schizophrenia. Schizophrenia Research, 2013, 146, 289-290.	2.0	16
53	Biclustering with heterogeneous variance. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12253-12258.	7.1	23
54	LD-Spline: Mapping SNPs on genotyping platforms to genomic regions using patterns of linkage disequilibrium. BioData Mining, 2009, 2, 7.	4.0	9