

Guanhua Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6852211/publications.pdf>

Version: 2024-02-01

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	Heritability and genomics of gene expression in peripheral blood. <i>Nature Genetics</i> , 2014, 46, 430-437.	21.4	370
2	Copy number variation in schizophrenia in Sweden. <i>Molecular Psychiatry</i> , 2014, 19, 762-773.	7.9	257
3	Calibration drift in regression and machine learning models for acute kidney injury. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 1052-1061.	4.4	182
4	Close social relationships correlate with human gut microbiota composition. <i>Scientific Reports</i> , 2019, 9, 703.	3.3	134
5	PERMANOVA-S: association test for microbial community composition that accommodates confounders and multiple distances. <i>Bioinformatics</i> , 2016, 32, 2618-2625.	4.1	120
6	High dietary salt-induced DC activation underlies microbial dysbiosis-associated hypertension. <i>JCI Insight</i> , 2019, 4, .	5.0	105
7	Multi-Omic Analysis of the Microbiome and Metabolome in Healthy Subjects Reveals Microbiome-Dependent Relationships Between Diet and Metabolites. <i>Frontiers in Genetics</i> , 2019, 10, 454.	2.3	104
8	Disparities in Electronic Health Record Patient Portal Use in Nephrology Clinics. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015, 10, 2013-2022.	4.5	90
9	Evidence for widespread dysregulation of circadian clock progression in human cancer. <i>PeerJ</i> , 2018, 6, e4327.	2.0	75
10	Fibroblast growth factor 23 levels are elevated and associated with severe acute kidney injury and death following cardiac surgery. <i>Kidney International</i> , 2016, 89, 939-948.	5.2	71
11	Acute kidney injury is a risk factor for subsequent proteinuria. <i>Kidney International</i> , 2018, 93, 460-469.	5.2	68
12	Changes in vaginal community state types reflect major shifts in the microbiome. <i>Microbial Ecology in Health and Disease</i> , 2017, 28, 1303265.	3.5	66
13	Zero-inflated generalized Dirichlet multinomial regression model for microbiome compositional data analysis. <i>Biostatistics</i> , 2019, 20, 698-713.	1.5	49
14	Clinical laboratory test-wide association scan of polygenic scores identifies biomarkers of complex disease. <i>Genome Medicine</i> , 2021, 13, 6.	8.2	49
15	Untangling the R2* contrast in multiple sclerosis: A combined MRI-histology study at 7.0 Tesla. <i>PLoS ONE</i> , 2018, 13, e0193839.	2.5	45
16	Personalized Dose Finding Using Outcome Weighted Learning. <i>Journal of the American Statistical Association</i> , 2016, 111, 1509-1521.	3.1	44
17	A general framework for association analysis of microbial communities on a taxonomic tree. <i>Bioinformatics</i> , 2017, 33, 1278-1285.	4.1	41
18	Use of the PsycheMERGE Network to Investigate the Association Between Depression Polygenic Scores and White Blood Cell Count. <i>JAMA Psychiatry</i> , 2021, 78, 1365.	11.0	31

#	ARTICLE	IF	CITATIONS
19	Genetic risk for major depressive disorder and loneliness in sex-specific associations with coronary artery disease. <i>Molecular Psychiatry</i> , 2021, 26, 4254-4264.	7.9	26
20	A transition care coordinator model reduces hospital readmissions and costs. <i>Contemporary Clinical Trials</i> , 2019, 81, 55-61.	1.8	25
21	Biclustering with heterogeneous variance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12253-12258.	7.1	23
22	An assessment of parental knowledge, attitudes, and beliefs regarding influenza vaccination. <i>Vaccine</i> , 2020, 38, 1565-1571.	3.8	20
23	High Dose Omega-3 Fatty Acid Administration and Skeletal Muscle Protein Turnover in Maintenance Hemodialysis Patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 1227-1235.	4.5	19
24	Predicting 30-Day Hospital Readmission Risk in a National Cohort of Patients with Cirrhosis. <i>Digestive Diseases and Sciences</i> , 2020, 65, 1003-1031.	2.3	17
25	Comprehensive analysis of copy number variation in monozygotic twins discordant for bipolar disorder or schizophrenia. <i>Schizophrenia Research</i> , 2013, 146, 289-290.	2.0	16
26	Long term evolution of endothelial function during kidney transplantation. <i>BMC Nephrology</i> , 2016, 17, 160.	1.8	16
27	Soy food intake associates with changes in the metabolome and reduced blood pressure in a gut microbiota dependent manner. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 1500-1511.	2.6	16
28	Calibration Drift Among Regression and Machine Learning Models for Hospital Mortality. <i>AMIA ... Annual Symposium proceedings</i> , 2017, 2017, 625-634.	0.2	16
29	Proposing a Sex-Adjusted Sodium-Adjusted MELD Score for Liver Transplant Allocation. <i>JAMA Surgery</i> , 2022, 157, 618.	4.3	16
30	Effectiveness of a Best Practice Alerts at Improving Hypertension Control. <i>American Journal of Hypertension</i> , 2019, 32, 70-76.	2.0	15
31	Obesity and BMI Cut Points for Associated Comorbidities: Electronic Health Record Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e24017.	4.3	13
32	Accounting for dependent errors in predictors and time-to-event outcomes using electronic health records, validation samples and multiple imputation. <i>Annals of Applied Statistics</i> , 2020, 14, 1045-1061.	1.1	13
33	PSCAN: Spatial scan tests guided by protein structures improve complex disease gene discovery and signal variant detection. <i>Genome Biology</i> , 2020, 21, 217.	8.8	11
34	Using Community Health Workers and a Smartphone Application to Improve Diabetes Control in Rural Guatemala. <i>Global Health, Science and Practice</i> , 2020, 8, 699-720.	1.7	10
35	LD-Spline: Mapping SNPs on genotyping platforms to genomic regions using patterns of linkage disequilibrium. <i>BioData Mining</i> , 2009, 2, 7.	4.0	9
36	Longitudinal assessment of cardiac morphology and function following kidney transplantation. <i>Clinical Transplantation</i> , 2017, 31, e12864.	1.6	9

#	ARTICLE	IF	CITATIONS
37	A Continuously Benchmarked and Crowdsourced Challenge for Rapid Development and Evaluation of Models to Predict COVID-19 Diagnosis and Hospitalization. <i>JAMA Network Open</i> , 2021, 4, e2124946.	5.9	8
38	Weight Loss for Patients With Obesity. <i>Medical Care</i> , 2020, 58, 265-272.	2.4	7
39	Constructing dynamic treatment regimes with shared parameters for censored data. <i>Statistics in Medicine</i> , 2020, 39, 1250-1263.	1.6	7
40	Robust and Powerful Differential Composition Tests for Clustered Microbiome Data. <i>Statistics in Biosciences</i> , 2021, 13, 200-216.	1.2	6
41	Cost-effectiveness analysis of magnetic resonance imaging conditional pacemaker implantation: Insights from a multicenter study and implications in the current era. <i>Heart Rhythm</i> , 2018, 15, 1690-1697.	0.7	5
42	Incidence and predictors of MRI scan utilization in MRI conditional pacemaker recipients: A multicenter experience. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2018, 41, 1519-1525.	1.2	4
43	A clinical risk prediction model to identify patients with hepatorenal syndrome at hospital admission. <i>International Journal of Clinical Practice</i> , 2019, 73, e13393.	1.7	4
44	Development of a national Department of Veterans Affairs mortality risk prediction model among patients with cirrhosis. <i>BMJ Open Gastroenterology</i> , 2019, 6, e000342.	2.7	4
45	Biclustering via sparse clustering. <i>Biometrics</i> , 2020, 76, 348-358.	1.4	4
46	Leucine disposal rate for assessment of amino acid metabolism in maintenance hemodialysis patients. <i>BMC Nutrition</i> , 2016, 2, .	1.6	3
47	Management and long-term outcomes associated with recalled implantable cardioverter-defibrillator leads: A multicenter experience. <i>Heart Rhythm</i> , 2020, 17, 1909-1916.	0.7	3
48	A Two-Part Framework for Estimating Individualized Treatment Rules From Semicontinuous Outcomes. <i>Journal of the American Statistical Association</i> , 2021, 116, 210-223.	3.1	2
49	A Comparison of Expert Ratings and Marker-Less Hand Tracking Along OSATS-Derived Motion Scales. <i>IEEE Transactions on Human-Machine Systems</i> , 2021, 51, 22-31.	3.5	2
50	Novel Use of Patient-Specific Covariates From Oncology Studies in the Era of Biomedical Data Science: A Review of Latest Methodologies. <i>Journal of Clinical Oncology</i> , 2022, 40, 3546-3553.	1.6	2
51	Assessment of potential factors associated with the sensitivity and specificity of Sofia Influenza A+B Fluorescent Immunoassay in an ambulatory care setting. <i>PLoS ONE</i> , 2022, 17, e0268279.	2.5	2
52	A generalizability score for aggregate causal effect. <i>Biostatistics</i> , 2023, 24, 309-326.	1.5	1
53	Resource Utilization Among Portal Users Who Send Messages: A Retrospective Cohort Study. <i>Wisconsin Medical Journal</i> , 2020, 119, 26-32.	0.3	1
54	More Generalizable Models For Sepsis Detection Under Covariate Shift. <i>AMIA Summits on Translational Science Proceedings</i> , 2021, 2021, 220-228.	0.4	0