Liang Zhu

List of Publications by Year
in descending order

61 papers	1,297 citations	471509 17 h-index	395702 33 g-index
61 all docs	61 docs citations	61 times ranked	1818 citing authors

#	ARTICLE	IF	CITATIONS
1	Inference for Set-Based Effects in Genetic Association Studies with Interval-Censored Outcomes. Biometrics, 2023, 79, 1573-1585.	1.4	0
2	Arterial Baroreceptor Physiology: Differences Between Normal Subjects and Pediatric Patients with Postural Tachycardia and Neurocardiogenic Syncope. Pediatric Cardiology, 2022, 43, 1011-1019.	1.3	2
3	Clinical, Laboratory, and Histologic Correlates of Serum Antinuclear Antibody in Hispanic Pediatric Patients With Nonalcoholic Fatty Liver Disease. American Journal of Clinical Pathology, 2022, 158, 221-227.	0.7	2
4	Characterizing cancer and COVID-19 outcomes using electronic health records. PLoS ONE, 2022, 17, e0267584.	2.5	14
5	An Improved Sample Size Calculation Method for Score Tests in Generalized Linear Models. Statistics in Biopharmaceutical Research, 2021, 13, 415-424.	0.8	3
6	Regression Analysis of Mixed Panel-Count Data with Application to Cancer Studies. Statistics in Biosciences, 2021, 13, 178-195.	1.2	1
7	Regression analysis of mixed panel count data with informative indicator processes. Statistics in Medicine, 2021, 40, 1262-1271.	1.6	2
8	Machine Learning to Predict Delayed Cerebral Ischemia and Outcomes in Subarachnoid Hemorrhage. Neurology, 2021, 96, e553-e562.	1.1	38
9	Assessment of Racial/Ethnic Disparities in Volumetric MRI Correlates of Clinical Disability in Multiple Sclerosis: A Preliminary Study. Journal of Neuroimaging, 2021, 31, 115-123.	2.0	14
10	Seizure Clusters, Seizure Severity Markers, and SUDEP Risk. Frontiers in Neurology, 2021, 12, 643916.	2.4	12
11	Haptoglobin Genotype Affects Inflammation after Aneurysmal Subarachnoid Hemorrhage. Current Neurovascular Research, 2021, 17, 652-659.	1.1	6
12	IAT-TiMeS: Intra-Arterial Thrombectomy Transfer Metric Study in Texas. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105602.	1.6	3
13	Kidney Function after Treatment for Childhood Cancer: A Report from the St. Jude Lifetime Cohort Study. Journal of the American Society of Nephrology: JASN, 2021, 32, 983-993.	6.1	29
14	Automated Analysis of Risk Factors for Postictal Generalized EEG Suppression. Frontiers in Neurology, 2021, 12, 669517.	2.4	5
15	A low-cost mouse cage warming system provides improved intra-ischemic and post-ischemic body temperature control â€" Application for reducing variability in experimental stroke studies. Journal of Neuroscience Methods, 2021, 360, 109228.	2.5	3
16	Exogenous inter-Î± inhibitor proteins prevent cell death and improve ischemic stroke outcomes in mice. Journal of Clinical Investigation, 2021, 131, .	8.2	14
17	Association of Peri-ictal Brainstem Posturing With Seizure Severity and Breathing Compromise in Patients With Generalized Convulsive Seizures. Neurology, 2021, 96, e352-e365.	1.1	16
18	Post-Stroke Social Isolation Reduces Cell Proliferation in the Dentate Gyrus and Alters miRNA Profiles in the Aged Female Mice Brain. International Journal of Molecular Sciences, 2021, 22, 99.	4.1	7

#	Article	IF	Citations
19	Nonparametric screening and feature selection for ultrahigh‐dimensional Case II interval‐censored failure time data. Biometrical Journal, 2020, 62, 1909-1925.	1.0	3
20	Statistical analysis of clustered mixed recurrent-event data with application to a cancer survivor study. Lifetime Data Analysis, 2020, 26, 820-832.	0.9	3
21	Variable selection for high‐dimensional partly linear additive Cox model with application to Alzheimer's disease. Statistics in Medicine, 2020, 39, 3120-3134.	1.6	15
22	Aging lowers PEX5 levels in cortical neurons in male and female mouse brains. Molecular and Cellular Neurosciences, 2020, 107, 103536.	2.2	3
23	Peripherally-sourced myeloid antigen presenting cells increase with advanced aging. Brain, Behavior, and Immunity, 2020, 90, 235-247.	4.1	11
24	Gut Microbiota‐Derived Short-Chain Fatty Acids Promote Poststroke Recovery in Aged Mice. Circulation Research, 2020, 127, 453-465.	4.5	263
25	Predicting bone and soft tissue alterations of immediate implant sites in the esthetic zone using clinical parameters. Clinical Implant Dentistry and Related Research, 2020, 22, 325-332.	3.7	19
26	Growth differentiation factor-11 supplementation improves survival and promotes recovery after ischemic stroke in aged mice. Aging, 2020, 12, 8049-8066.	3.1	25
27	Bladder Neuromodulation in Acute Spinal Cord Injury via Transcutaneous Tibial Nerve Stimulation: Cystometrogram and Autonomic Nervous System Evidence From a Randomized Control Pilot Trial. Frontiers in Neuroscience, 2019, 13, 119.	2.8	21
28	An additive‐multiplicative mean model for panel count data with dependent observation and dropout processes. Scandinavian Journal of Statistics, 2019, 46, 414-431.	1.4	4
29	Safety, Feasibility, and Efficacy of Transcutaneous Tibial Nerve Stimulation in Acute Spinal Cord Injury Neurogenic Bladder: A Randomized Control Pilot Trial. Neuromodulation, 2019, 22, 716-722.	0.8	28
30	Integration of Basic and Clinical Sciences: Faculty Perspectives at a U.S. Dental School. Journal of Dental Education, 2018, 82, 349-355.	1.2	8
31	Splenectomy protects aged mice from injury after experimental stroke. Neurobiology of Aging, 2018, 61, 102-111.	3.1	54
32	Semiparametric accelerated failure time cure rate mixture models with competing risks. Statistics in Medicine, 2018, 37, 48-59.	1.6	5
33	A Semiparametric Likelihood-based Method for Regression Analysis of Mixed Panel-count Data. Biometrics, 2018, 74, 488-497.	1.4	9
34	Nonparametric estimation of median survival times with applications to multi-site or multi-center studies. PLoS ONE, 2018, 13, e0197295.	2.5	1
35	Serum Markers of Blood-Brain Barrier Remodeling and Fibrosis as Predictors of Etiology and Clinicoradiologic Outcome in Intracerebral Hemorrhage. Frontiers in Neurology, 2018, 9, 746.	2.4	22
36	Fibronectin induces the perivascular deposition of cerebrospinal fluid‐derived amyloid-β in aging and after stroke. Neurobiology of Aging, 2018, 72, 1-13.	3.1	19

#	Article	IF	Citations
37	Regression analysis of incomplete data from event history studies with the proportional rates model. Statistics and Its Interface, 2018, 11, 91-97.	0.3	2
38	A non-parametric model to address overdispersed count response in a longitudinal data setting with missingness. Statistical Methods in Medical Research, 2017, 26, 1461-1475.	1.5	2
39	t-Type corrected-loss estimation for error-in-variable model. Communications in Statistics - Theory and Methods, 2017, 46, 616-627.	1.0	1
40	Regression analysis of mixed panel count data with dependent terminal events. Statistics in Medicine, 2017, 36, 1669-1680.	1.6	3
41	Incidence and Association of CT Findings of Ankle Tendon Injuries in Patients Presenting With Ankle and Hindfoot Fractures. American Journal of Roentgenology, 2017, 208, 373-379.	2.2	21
42	Prevalences of peri-implantitis and peri-implant mucositis: systematic review and meta-analysis. Journal of Dentistry, 2017, 62, 1-12.	4.1	311
43	Effect of cranial irradiation on sperm concentration of adult survivors of childhood acute lymphoblastic leukemia: a report from the St. Jude Lifetime Cohort Study€. Human Reproduction, 2017, 32, 1192-1201.	0.9	24
44	Factors supporting cardiomyopathy screening among at-risk adult survivors of pediatric malignancies. Supportive Care in Cancer, 2017, 25, 1307-1316.	2.2	4
45	Multiparity improves outcomes after cerebral ischemia in female mice despite features of increased metabovascular risk. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5673-E5682.	7.1	38
46	Sleep complaints in survivors of pediatric brain tumors. Supportive Care in Cancer, 2016, 24, 23-31.	2.2	34
47	The unmet emotional, care/support, and informational needs of adult survivors of pediatric malignancies. Journal of Cancer Survivorship, 2016, 10, 743-758.	2.9	26
48	Renal function after treatment for childhood cancer.. Journal of Clinical Oncology, 2016, 34, 10571-10571.	1.6	0
49	Regression Analysis of Mixed Recurrent-Event and Panel-Count Data with Additive Rate Models. Biometrics, 2015, 71, 71-79.	1.4	9
50	Pulmonary function in adult survivors of childhood cancer: A report from the St. Jude Lifetime Cohort Study (SJLIFE).. Journal of Clinical Oncology, 2015, 33, 10018-10018.	1.6	1
51	Headache types, related morbidity, and quality of life in survivors of childhood acute lymphoblastic leukemia: A prospective cross sectional study. European Journal of Paediatric Neurology, 2014, 18, 722-729.	1.6	20
52	Long-Term Pulmonary Function after Metastasectomy for Childhood Osteosarcoma: A Report from the St Jude Lifetime Cohort Study. Journal of the American College of Surgeons, 2014, 219, 265-271.	0.5	25
53	Regression analysis of mixed recurrent-event and panel-count data. Biostatistics, 2014, 15, 555-568.	1.5	7
54	Joint analysis of longitudinal data and recurrent episodes data with application to medical cost analysis. Biometrical Journal, 2013, 55, 5-16.	1.0	5

#	Article	IF	Citations
55	Statistical analysis of mixed recurrent event data with application to cancer survivor study. Statistics in Medicine, 2013, 32, 1954-1963.	1.6	12
56	A linear transformation model for multivariate interval€censored failure time data. Canadian Journal of Statistics, 2013, 41, 275-290.	0.9	16
57	Regression analysis of longitudinal data with informative observation times and application to medical cost data. Statistics in Medicine, 2011, 30, 1429-1440.	1.6	8
58	Semiparametric transformation models for joint analysis of multivariate recurrent and terminal events. Statistics in Medicine, 2011, 30, 3010-3023.	1.6	13
59	Central Nervous System Integrity in Adult Survivors of Childhood Hodgkin Lymphoma,. Blood, 2011, 118, 3647-3647.	1.4	0
60	Regression analysis of multivariate recurrent event data with a dependent terminal event. Lifetime Data Analysis, 2010, 16, 478-490.	0.9	31
61	Staphylococcus Aureus colonization and bacteremia in children with cancer.. Blood, 2009, 114, 3666-3666.	1.4	0