Lu Mao

List of Publications by Year
in descending order

51 papers	724 citations	686830 13 h-index	610482 24 g-index
52 all docs	**52** docs citations	**52** times ranked	**860** citing authors

#	Article	IF	Citations
1	Maximum likelihood estimation for semiparametric transformation models with interval-censored data. Biometrika, 2016, 103, 253-271.	1.3	109
2	Validation of Cervical Cancer Screening Methods in HIV Positive Women from Johannesburg South Africa. PLoS ONE, 2013, 8, e53494.	1.1	93
3	Effect of High-Dose Trivalent vs Standard-Dose Quadrivalent Influenza Vaccine on Mortality or Cardiopulmonary Hospitalization in Patients With High-risk Cardiovascular Disease. JAMA - Journal of the American Medical Association, 2021, 325, 39.	3.8	65
4	Factors associated with polypharmacy and the prescription of multiple medications among persons living with HIV (PLWH) compared to non-PLWH. AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV, 2015, 27, 1443-1448.	0.6	37
5	Evaluation of a Cervicography-Based Program to Ensure Quality of Visual Inspection of the Cervix in HIV-Infected Women in Johannesburg, South Africa. Journal of Lower Genital Tract Disease, 2015, 19, 7-11.	0.9	32
6	Alternative Views On Setting Clinical Trial Futility Criteria. Journal of Biopharmaceutical Statistics, 2014, 24, 976-993.	0.4	28
7	The inverse-probability-of-censoring weighting (IPCW) adjusted win ratio statistic: an unbiased estimator in the presence of independent censoring. Journal of Biopharmaceutical Statistics, 2020, 30, 882-899.	0.4	28
8	Robotically Assisted Sonic Therapy (RAST) for Noninvasive Hepatic Ablation in a Porcine Model: Mitigation of Body Wall Damage with a Modified Pulse Sequence. CardioVascular and Interventional Radiology, 2019, 42, 1016-1023.	0.9	26
9	Semiparametric regression for the weighted composite endpoint of recurrent and terminal events. Biostatistics, 2016, 17, 390-403.	0.9	25
10	On the Alternative Hypotheses for the Win Ratio. Biometrics, 2019, 75, 347-351.	0.8	20
11	Quantitative assessment of cervical softening during pregnancy with shear wave elasticity imaging: an *in vivo* longitudinal study. Interface Focus, 2019, 9, 20190030.	1.5	20
12	Efficient Estimation of Semiparametric Transformation Models for the Cumulative Incidence of Competing Risks. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2017, 79, 573-587.	1.1	19
13	Risk of HIV acquisition among circumcised and uncircumcised young men with penile human papillomavirus infection. Aids, 2014, 28, 745-752.	1.0	16
14	Staging Liver Fibrosis by Fibroblast Activation Protein Inhibitor PET in a Human-Sized Swine Model. Journal of Nuclear Medicine, 2022, 63, 1956-1961.	2.8	16
15	Semiparametric Regression Analysis of Interval-Censored Competing Risks Data. Biometrics, 2017, 73, 857-865.	0.8	15
16	A class of proportional win€fractions regression models for composite outcomes. Biometrics, 2021, 77, 1265-1275.	0.8	15
17	Histotripsy Ablations in a Porcine Liver Model: Feasibility of Respiratory Motion Compensation by Alteration of the Ablation Zone Prescription Shape. CardioVascular and Interventional Radiology, 2020, 43, 1695-1701.	0.9	13
18	Sample size formula for general win ratio analysis. Biometrics, 2022, 78, 1257-1268.	0.8	12

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19	Statistical Models for Composite Endpoints of Death and Nonfatal Events: A Review. Statistics in Biopharmaceutical Research, 2021, 13, 260-269.	0.6	12
20	Diurnal Variation of Proton Density Fat Fraction in the Liver Using Quantitative Chemical Shift Encoded MRI. Journal of Magnetic Resonance Imaging, 2020, 51, 407-414.	1.9	11
21	Percutaneous Lung Biopsy with Pleural and Parenchymal Blood Patching: Results and Complications from 1,112 Core Biopsies. Journal of Vascular and Interventional Radiology, 2021, 32, 1319-1327.	0.2	11
22	On restricted mean time in favor of treatment. Biometrics, 2023, 79, 61-72.	0.8	11
23	Differences in outpatient care and treatment utilization for patients with HIV/HCV coinfection, HIV, and HCV monoinfection, a cross-sectional study. BMC Infectious Diseases, 2014, 14, 217.	1.3	10
24	On causal estimation using U-statistics. Biometrika, 2018, 105, 215-220.	1.3	10
25	Longitudinal ultrasonic dimensions and parametric solid models of the gravid uterus and cervix. PLoS ONE, 2021, 16, e0242118.	1.1	10
26	On recurrent-event win ratio. Statistical Methods in Medical Research, 2022, 31, 1120-1134.	0.7	9
27	Engagement in Outpatient Care for Persons Living with HIV in the United States. AIDS Research and Human Retroviruses, 2015, 31, 177-182.	0.5	7
28	Characterization of mesenteric and portal hemodynamics using 4D flow MRI: the effects of meals and diurnal variation. Abdominal Radiology, 2022, 47, 2106-2114.	1.0	6
29	Comprehensive non-invasive analysis of lower urinary tract anatomy using MRI. Abdominal Radiology, 2021, 46, 1670-1676.	1.0	5
30	Robust estimation and variable selection for the accelerated failure time model. Statistics in Medicine, 2021, 40, 4473-4491.	0.8	5
31	Prospective evaluation of MRI compared with CT for the etiology of abdominal pain in emergency department patients with concern for appendicitis. Journal of Magnetic Resonance Imaging, 2019, 50, 1651-1658.	1.9	4
32	Protocol for Partner2Lose: A randomized controlled trial to evaluate partner involvement on long-term weight loss. Contemporary Clinical Trials, 2020, 96, 106092.	0.8	4
33	Computed Tomography Pulmonary Angiography Utilization in the Emergency Department During the COVID-19 Pandemic. Journal of Thoracic Imaging, 0, Publish Ahead of Print, .	0.8	4
34	Natural history of simple renal cysts: longitudinal CT-based evaluation. Abdominal Radiology, 2022, 47, 1124-1132.	1.0	3
35	Nonparametric Inference of General While-Alive Estimands for Recurrent Events. Biometrics, 2023, 79, 1749-1760.	0.8	3
36	Using inpatient hospital discharge data to monitor patient safety events. Journal of Healthcare Risk Management: the Journal of the American Society for Healthcare Risk Management, 2013, 32, 26-33.	0.3	1

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37	Proportional hazards regression of survival–sacrifice data with cause–of–death information in animal carcinogenicity studies. Statistics in Medicine, 2019, 38, 3628-3641.	0.8	1
38	Nonparametric identification and estimation of current status data in the presence of death. Statistica Neerlandica, 2019, 73, 395-413.	0.9	1
39	Ultrasound Elastographic Measurement of Rigor Mortis in an Animal Model: A Feasibility Study for Improved Time-of-Death Estimates in Forensic Investigations. American Journal of Roentgenology, 2021, 216, 1126-1133.	1.0	1
40	Effect of Metabolic Syndrome on Anatomy and Function of the Lower Urinary Tract Assessed on MRI. Urology, 2022, 159, 176-181.	0.5	1
41	Non-initiation of hepatitis C virus antiviral therapy in patients with human immunodeficiency virus/hepatitis C virus co-infection. World Journal of Hepatology, 2016, 8, 368.	0.8	1
42	On the relative efficiency of the intent-to-treat Wilcoxon–Mann–Whitney test in the presence of noncompliance. Biometrika, 2022, 109, 873-880.	1.3	1
43	Nonparametric Inference on Tumor Incidence with Partially Identified Cause-of-Death Data. ICSA Book Series in Statistics, 2019, , 3-18.	0.0	1
44	Nonparametric inference of complier quantile treatment effects in randomized trials with imperfect compliance. Biostatistics and Epidemiology, 2022, 6, 249-265.	0.4	1
45	Identification of the outcome distribution and sensitivity analysis under weak confounder–instrument interaction. Statistics and Probability Letters, 2022, 189, 109590.	0.4	1
46	Effect of noise and estimator type on bias for analysis of liver proton density fat fraction. Magnetic Resonance Imaging, 2020, 74, 244-249.	1.0	0
47	A unified approach to the calculation of information operators in semiparametric models. Biometrika, 2020, 107, 983-995.	1.3	0
48	Diurnal variation of major error rates in the interpretation of abdominal/pelvic CT studies. Abdominal Radiology, 2021, 46, 1746-1751.	1.0	0
49	Multi-Center, Multi-Vendor Reproducibility and Calibration of MRI-Based R2* for Liver Iron Quantification. Blood, 2021, 138, 2010-2010.	0.6	0
50	Utilization and Cancer Yield of Probably Benign Assessment Category in the National Mammography Database: 2009 to 2018. Journal of the American College of Radiology, 2022, , .	0.9	0
51	Guest editors' note on the special issue <i>International Chinese Statistical Association</i> (<i>ICSA) Applied Statistics Symposium 2021</i>. Journal of Biopharmaceutical Statistics, 0, , 1-2.	0.4	0