

Fan Li

List of Publications by Year in descending order

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117
papers

3,953
citations

172207

29
h-index

149479

56
g-index

119
all docs

119
docs citations

119
times ranked

4649
citing authors

#	ARTICLE	IF	CITATIONS
1	Sample size considerations for stepped wedge designs with subclusters. <i>Biometrics</i> , 2023, 79, 98-112.	0.8	9
2	A Causal Mediation Model for Longitudinal Mediators and Survival Outcomes with an Application to Animal Behavior. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2023, 28, 197-218.	0.7	2
3	A note on semiparametric efficient generalization of causal effects from randomized trials to target populations. <i>Communications in Statistics - Theory and Methods</i> , 2023, 52, 5767-5798.	0.6	4
4	Power Analysis for Cluster Randomized Trials with Continuous Coprimary Endpoints. <i>Biometrics</i> , 2023, 79, 1293-1305.	0.8	4
5	Estimands in cluster-randomized trials: choosing analyses that answer the right question. <i>International Journal of Epidemiology</i> , 2023, 52, 107-118.	0.9	28
6	Marginal modeling of cluster-period means and intraclass correlations in stepped wedge designs with binary outcomes. <i>Biostatistics</i> , 2022, 23, 772-788.	0.9	18
7	Impact of complex, partially nested clustering in a three-arm individually randomized group treatment trial: A case study with the wHOPE trial. <i>Clinical Trials</i> , 2022, 19, 3-13.	0.7	5
8	Impact of unequal cluster sizes for GEE analyses of stepped wedge cluster randomized trials with binary outcomes. <i>Biometrical Journal</i> , 2022, 64, 419-439.	0.6	13
9	swdpwr: A SAS macro and an R package for power calculations in stepped wedge cluster randomized trials. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 213, 106522.	2.6	7
10	A Bayesian approach for estimating the partial potential impact fraction with exposure measurement error under a main study/internal validation design. <i>Statistical Methods in Medical Research</i> , 2022, 31, 404-418.	0.7	1
11	Methodological challenges in pragmatic trials in Alzheimer's disease and related dementias: Opportunities for improvement. <i>Clinical Trials</i> , 2022, 19, 86-96.	0.7	5
12	Sample size calculation in hierarchical 2 ^k -2 factorial trials with unequal cluster sizes. <i>Statistics in Medicine</i> , 2022, 41, 645-664.	0.8	4
13	The effect of AS1411 surface density on the tumor targeting properties of PEGylated silver nanotriangles. <i>Nanomedicine</i> , 2022, 17, 289-302.	1.7	1
14	Two weights make a wrong: Cluster randomized trials with variable cluster sizes and heterogeneous treatment effects. <i>Contemporary Clinical Trials</i> , 2022, 114, 106702.	0.8	8
15	Programmable DNA Hydrogels as Artificial Extracellular Matrix. <i>Small</i> , 2022, 18, e2107640.	5.2	41
16	Constrained randomization and statistical inference for multi-arm parallel cluster randomized controlled trials. <i>Statistics in Medicine</i> , 2022, 41, 1862-1883.	0.8	4
17	DNA origami nanocalipers for pH sensing at the nanoscale. <i>Chemical Communications</i> , 2022, 58, 3673-3676.	2.2	3
18	Severe inpatient hypertension prevalence and blood pressure response to antihypertensive treatment. <i>Journal of Clinical Hypertension</i> , 2022, 24, 339-349.	1.0	7

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19	Generalizing Trial Evidence to Target Populations in Non-Nested Designs: Applications to AIDS Clinical Trials. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2022, 71, 669-697.	0.5	5
20	A comparison of analytical strategies for cluster randomized trials with survival outcomes in the presence of competing risks. <i>Statistical Methods in Medical Research</i> , 2022, 31, 1224-1241.	0.7	7
21	Finite-sample adjustments in variance estimators for clustered competing risks regression. <i>Statistics in Medicine</i> , 2022, 41, 2645-2664.	0.8	6
22	Blood pressure response to commonly administered antihypertensives for severe inpatient hypertension. <i>PLoS ONE</i> , 2022, 17, e0265497.	1.1	4
23	Clarifying selection bias in cluster randomized trials. <i>Clinical Trials</i> , 2022, 19, 33-41.	0.7	11
24	Accounting for unequal cluster sizes in designing cluster randomized trials to detect treatment effect heterogeneity. <i>Statistics in Medicine</i> , 2022, 41, 1376-1396.	0.8	13
25	Power considerations for generalized estimating equations analyses of four-level cluster randomized trials. <i>Biometrical Journal</i> , 2022, 64, 663-680.	0.6	6
26	Design and analysis of partially randomized preference trials with propensity score stratification. <i>Statistical Methods in Medical Research</i> , 2022, 31, 1515-1537.	0.7	1
27	Ethical considerations within pragmatic randomized controlled trials in dementia: Results from a literature survey. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2022, 8, e12287.	1.8	3
28	Pragmatic clinical trial design in emergency medicine: Study considerations and design types. <i>Academic Emergency Medicine</i> , 2022, 29, 1247-1257.	0.8	3
29	Stepped Wedge Cluster Randomized Trials: A Methodological Overview. <i>World Neurosurgery</i> , 2022, 161, 323-330.	0.7	7
30	LncRNA HOXA10-AS functions as an oncogene by binding miR-6509-5p to upregulate Y-box binding protein 1 in gastric cancer. <i>Bioengineered</i> , 2022, 13, 11373-11387.	1.4	4
31	Stage cT3 low rectal cancer: analysis of prognostic factors. <i>Journal of Gastrointestinal Oncology</i> , 2022, 13, 672-682.	0.6	0
32	Clustered restricted mean survival time regression. <i>Biometrical Journal</i> , 2022, , .	0.6	1
33	Sample size calculators for planning stepped-wedge cluster randomized trials: a review and comparison. <i>International Journal of Epidemiology</i> , 2022, 51, 2000-2013.	0.9	15
34	Mixed-effects models for the design and analysis of stepped wedge cluster randomized trials: An overview. <i>Statistical Methods in Medical Research</i> , 2021, 30, 612-639.	0.7	91
35	Propensity score weighting for covariate adjustment in randomized clinical trials. <i>Statistics in Medicine</i> , 2021, 40, 842-858.	0.8	22
36	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2021, 64, 171-203.	4.2	88

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37	Early identification of patients with acute gastrointestinal bleeding using natural language processing and decision rules. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021, 36, 1590-1597.	1.4	6
38	DNA nanotechnology-empowered nanoscopic imaging of biomolecules. <i>Chemical Society Reviews</i> , 2021, 50, 5650-5667.	18.7	73
39	Sample size and power considerations for cluster randomized trials with count outcomes subject to right truncation. <i>Biometrical Journal</i> , 2021, 63, 1052-1071.	0.6	13
40	Assessment of Acute Kidney Injury and Longitudinal Kidney Function After Hospital Discharge Among Patients With and Without COVID-19. <i>JAMA Network Open</i> , 2021, 4, e211095.	2.8	114
41	Black Women Are More Likely Than White Women to Schedule a Uterine-Sparing Treatment for Leiomyomas. <i>Journal of Women's Health</i> , 2021, 30, 355-366.	1.5	9
42	Sample size estimation for modified Poisson analysis of cluster randomized trials with a binary outcome. <i>Statistical Methods in Medical Research</i> , 2021, 30, 1288-1305.	0.7	13
43	Nanoparticle-mediated convection-enhanced delivery of a DNA intercalator to gliomas circumvents temozolomide resistance. <i>Nature Biomedical Engineering</i> , 2021, 5, 1048-1058.	11.6	96
44	Electrochemical Analysis for Multiscale Single Entities on the Confined Interface. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1745-1752.	2.6	9
45	DNA Framework-based Topological Aptamer for Differentiating Subtypes of Hepatocellular Carcinoma Cells. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 919-924.	1.3	4
46	Propensity score weighting for causal subgroup analysis. <i>Statistics in Medicine</i> , 2021, 40, 4294-4309.	0.8	22
47	Estimating heterogeneous survival treatment effect in observational data using machine learning. <i>Statistics in Medicine</i> , 2021, 40, 4691-4713.	0.8	32
48	Nucleic Acid Tests for Clinical Translation. <i>Chemical Reviews</i> , 2021, 121, 10469-10558.	23.0	109
49	Reconstructing Soma-like Soma Synapse-like Vesicular Exocytosis with DNA Origami. <i>ACS Central Science</i> , 2021, 7, 1400-1407.	5.3	14
50	Covariate adjustment in subgroup analyses of randomized clinical trials: A propensity score approach. <i>Clinical Trials</i> , 2021, 18, 570-581.	0.7	4
51	Application of silver nanotriangles as a novel contrast agent in tumor computed tomography imaging. <i>Nanotechnology</i> , 2021, 32, 495705.	1.3	3
52	Electronic health record alerts for acute kidney injury: multicenter, randomized clinical trial. <i>BMJ</i> , 2021, 372, m4786.	3.0	96
53	DOX-loaded silver nanotriangles and photothermal therapy exert a synergistic antibreast cancer effect via ROS/ERK1/2 signaling pathway. <i>Nanotechnology</i> , 2021, 33, .	1.3	5
54	Estimating the natural indirect effect and the mediation proportion via the product method. <i>BMC Medical Research Methodology</i> , 2021, 21, 253.	1.4	10

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55	Cigarette Smoking and Risk of Different Pathologic Types of Stroke: A Systematic Review and Dose-Response Meta-Analysis. <i>Frontiers in Neurology</i> , 2021, 12, 772373.	1.1	12
56	AS1411 and EpDT3-conjugated silver nanotriangle-mediated photothermal therapy for breast cancer and cancer stem cells. <i>Nanomedicine</i> , 2021, 16, 2503-2519.	1.7	4
57	Bayesian estimation of genetic regulatory effects in high-throughput reporter assays. <i>Bioinformatics</i> , 2020, 36, 331-338.	1.8	0
58	Properties and pitfalls of weighting as an alternative to multilevel multiple imputation in cluster randomized trials with missing binary outcomes under covariate-dependent missingness. <i>Statistical Methods in Medical Research</i> , 2020, 29, 1338-1353.	0.7	9
59	Models for Small Area Estimation for Census Tracts. <i>Geographical Analysis</i> , 2020, 52, 325-350.	1.9	6
60	Subgroup balancing propensity score. <i>Statistical Methods in Medical Research</i> , 2020, 29, 659-676.	0.7	29
61	Using Propensity Score Methods to Create Target Populations in Observational Clinical Research. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 466.	3.8	110
62	Neuropeptide Y1 Receptor Antagonist Alters Gut Microbiota and Alleviates the Ovariectomy-Induced Osteoporosis in Rats. <i>Calcified Tissue International</i> , 2020, 106, 444-454.	1.5	21
63	Design and analysis considerations for cohort stepped wedge cluster randomized trials with a decay correlation structure. <i>Statistics in Medicine</i> , 2020, 39, 438-455.	0.8	37
64	Neuropeptides are associated with pain threshold and bone microstructure in ovariectomized rats. <i>Neuropeptides</i> , 2020, 81, 101995.	0.9	13
65	An evaluation of quadratic inference functions for estimating intervention effects in cluster randomized trials. <i>Contemporary Clinical Trials Communications</i> , 2020, 19, 100605.	0.5	4
66	Social bonds do not mediate the relationship between early adversity and adult glucocorticoids in wild baboons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20052-20062.	3.3	41
67	A note on the estimation and inference with quadratic inference functions for correlated outcomes. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2020, , 1-12.	0.6	0
68	Sample size requirements for detecting treatment effect heterogeneity in cluster randomized trials. <i>Statistics in Medicine</i> , 2020, 39, 4218-4237.	0.8	18
69	Statistical Considerations for Embedded Pragmatic Clinical Trials in People Living with Dementia. <i>Journal of the American Geriatrics Society</i> , 2020, 68, S68-S73.	1.3	5
70	Overlap Weighting. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 2417.	3.8	285
71	Evaluating the causal effects of cellphone distraction on crash risk using propensity score methods. <i>Accident Analysis and Prevention</i> , 2020, 143, 105579.	3.0	26
72	Programming Biomimetically Confined Aptamers with DNA Frameworks. <i>ACS Nano</i> , 2020, 14, 8776-8783.	7.3	26

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73	An evidence mapping and analysis of registered COVID-19 clinical trials in China. BMC Medicine, 2020, 18, 167.	2.3	13
74	Secondary analysis of case-control association studies: Insights on weighting-based inference motivate a new specification test. Statistics in Medicine, 2020, 39, 2869-2882.	0.8	2
75	Commentary: Right truncation in cluster randomized trials can attenuate the power of a marginal analysis. International Journal of Epidemiology, 2020, 49, 964-967.	0.9	3
76	xtgeebcv: A command for bias-corrected sandwich variance estimation for GEE analyses of cluster randomized trials. The Stata Journal, 2020, 20, 363-381.	0.9	19
77	DNA framework-engineered electrochemical biosensors. Science China Life Sciences, 2020, 63, 1130-1141.	2.3	19
78	Missing Data. , 2020, , 1-21.		4
79	Comment: Stabilizing the Doubly-Robust Estimators of the Average Treatment Effect under Positivity Violations. Statistical Science, 2020, 35, .	1.6	4
80	Neuropeptide Y1 receptor antagonist promotes osteoporosis and microdamage repair and enhances osteogenic differentiation of bone marrow stem cells via cAMP/PKA/CREB pathway. Aging, 2020, 12, 8120-8136.	1.4	16
81	Addressing Extreme Propensity Scores via the Overlap Weights. American Journal of Epidemiology, 2019, 188, 250-257.	1.6	216
82	Predicting the Risk of Huntington's Disease with Multiple Longitudinal Biomarkers. Journal of Huntington's Disease, 2019, 8, 323-332.	0.9	0
83	Gold nanoflower-based surface-enhanced Raman probes for pH mapping of tumor cell microenvironment. Cell Proliferation, 2019, 52, e12618.	2.4	13
84	Stepping gating of ion channels on nanoelectrode via DNA hybridization for label-free DNA detection. Biosensors and Bioelectronics, 2019, 133, 141-146.	5.3	8
85	Programming Accessibility of DNA Monolayers for Degradation-Free Whole-Blood Biosensors. , 2019, 1, 671-676.		21
86	Power and sample size requirements for GEE analyses of cluster randomized crossover trials. Statistics in Medicine, 2019, 38, 636-649.	0.8	36
87	Propensity score weighting for causal inference with multiple treatments. Annals of Applied Statistics, 2019, 13, .	0.5	67
88	cvcrand: A Package for Covariate-constrained Randomization and the Clustered Permutation Test for Cluster Randomized Trials. R Journal, 2019, 11, 191.	0.7	7
89	Optimal allocation of clusters in cohort stepped wedge designs. Statistics and Probability Letters, 2018, 137, 257-263.	0.4	28
90	Balancing Covariates via Propensity Score Weighting. Journal of the American Statistical Association, 2018, 113, 390-400.	1.8	473

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91	Genetic Polymorphisms of CFH and ARMS2 Do Not Predict Response to Antioxidants and Zinc in Patients with Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2018, 125, 391-397.	2.5	36
92	Bayesian Word Learning in Multiple Language Environments. <i>Cognitive Science</i> , 2018, 42, 439-462.	0.8	2
93	Cvcrand and Cptest: Commands for Efficient Design and Analysis of Cluster Randomized Trials Using Constrained Randomization and Permutation Tests. <i>The Stata Journal</i> , 2018, 18, 357-378.	0.9	14
94	The Uptick in Income Segregation: Real Trend or Random Sampling Variation?. <i>American Journal of Sociology</i> , 2018, 124, 185-222.	0.3	32
95	Sample Size Determination for GEE Analyses of Stepped Wedge Cluster Randomized Trials. <i>Biometrics</i> , 2018, 74, 1450-1458.	0.8	63
96	Review of Recent Methodological Developments in Group-Randomized Trials: Part 1â€”Design. <i>American Journal of Public Health</i> , 2017, 107, 907-915.	1.5	122
97	Review of Recent Methodological Developments in Group-Randomized Trials: Part 2â€”Analysis. <i>American Journal of Public Health</i> , 2017, 107, 1078-1086.	1.5	109
98	Development of a Modular Automated System for Maintenance and Differentiation of Adherent Human Pluripotent Stem Cells. <i>SLAS Discovery</i> , 2017, 22, 1016-1025.	1.4	44
99	Transcatheter Versus Surgical Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2017, 70, 439-450.	1.2	82
100	An evaluation of constrained randomization for the design and analysis of groupâ€”randomized trials with binary outcomes. <i>Statistics in Medicine</i> , 2017, 36, 3791-3806.	0.8	65
101	One-Stage Positron Emission Tomography and Magnetic Resonance Imaging to Assess Mesenchymal Stem Cell Survival in a Canine Model of Intervertebral Disc Degeneration. <i>Stem Cells and Development</i> , 2017, 26, 1334-1343.	1.1	18
102	Role of microenvironmental periostin in pancreatic cancer progression. <i>Oncotarget</i> , 2017, 8, 89552-89565.	0.8	36
103	AAV-Mediated CRISPR/Cas Gene Editing of Retinal Cells In Vivo. , 2016, 57, 3470.		117
104	The Significance of Ultrasound in Determining Whether SHPT Patients Are Sensitive to Calcitriol Treatment. <i>BioMed Research International</i> , 2016, 2016, 1-5.	0.9	4
105	An evaluation of constrained randomization for the design and analysis of groupâ€”randomized trials. <i>Statistics in Medicine</i> , 2016, 35, 1565-1579.	0.8	63
106	Comparative Evaluation of a South Carolina Policy to Improve Nutrition in Child Care. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2016, 116, 949-956.	0.4	30
107	A spatiotemporal quantile regression model for emergency department expenditures. <i>Statistics in Medicine</i> , 2015, 34, 2559-2575.	0.8	15
108	Enhanced delivery of PEAL nanoparticles with ultrasound targeted microbubble destruction mediated siRNA transfection in human MCF-7/S and MCF-7/ADR cells in vitro. <i>International Journal of Nanomedicine</i> , 2015, 10, 5447.	3.3	13

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109	Enhanced therapeutic effect of Adriamycin on multidrug resistant breast cancer by the ABCG2-siRNA loaded polymeric nanoparticles assisted with ultrasound. <i>Oncotarget</i> , 2015, 6, 43779-43790.	0.8	31
110	Highly effective inhibition of lung cancer growth and metastasis by systemic delivery of siRNA via multimodal mesoporous silica-based nanocarrier. <i>Biomaterials</i> , 2014, 35, 10058-10069.	5.7	98
111	Quantification of Enhancement of Renal Parenchymal Masses with Contrast-Enhanced Ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 1387-1393.	0.7	27
112	Do debit cards increase household spending? Evidence from a semiparametric causal analysis of a survey. <i>Annals of Applied Statistics</i> , 2014, 8, .	0.5	18
113	Propensity score weighting with multilevel data. <i>Statistics in Medicine</i> , 2013, 32, 3373-3387.	0.8	160
114	Exploiting multiple outcomes in Bayesian principal stratification analysis with application to the evaluation of a job training program. <i>Annals of Applied Statistics</i> , 2013, 7, .	0.5	33
115	A Bayesian Semiparametric Approach to Intermediate Variables in Causal Inference. <i>Journal of the American Statistical Association</i> , 2011, 106, 1331-1344.	1.8	41
116	Monitoring of Intracellular Vesicles in Cultured Neurons at Different Growth Stages Using Intracellular Vesicle Electrochemical Cytometry. <i>Electroanalysis</i> , 0, , .	1.5	1
117	Silver-“Gold Core”-Shell Nanoparticles: A Novel Contrast Agent for Tumor Computed Tomography Imaging. <i>Nano</i> , 0, , .	0.5	1