

Xiao-Li Meng

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

9,101
citations

159585

30
h-index

62596

80
g-index

106
all docs

106
docs citations

106
times ranked

7950
citing authors

#	ARTICLE	IF	CITATIONS
1	A Multi-resolution Theory for Approximating Infinite-p-Zero-n: Transitional Inference, Individualized Predictions, and a World Without Bias-Variance Tradeoff. Journal of the American Statistical Association, 2021, 116, 353-367.	3.1	7
2	Prior Sample Size Extensions for Assessing Prior Impact and Prior-Likelihood Discordance. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2021, 83, 413-437.	2.2	10
3	Rejoinder: Let's Be Imprecise in Order to Be Precise (About What We Don't Know). Statistical Science, 2021, 36, .	2.8	0
4	Judicious Judgment Meets Unsettling Updating: Dilation, Sure Loss and Simpson's Paradox. Statistical Science, 2021, 36, .	2.8	9
5	Enhancing (publications on) data quality: Deeper data minding and fuller data confession. Journal of the Royal Statistical Society Series A: Statistics in Society, 2021, 184, 1161-1175.	1.1	4
6	Unrepresentative big surveys significantly overestimated US vaccine uptake. Nature, 2021, 600, 695-700.	27.8	120
7	Warp Bridge Sampling: The Next Generation. Journal of the American Statistical Association, 2020, , 1-17.	3.1	0
8	Calibration Concordance for Astronomical Instruments via Multiplicative Shrinkage. Journal of the American Statistical Association, 2019, 114, 1018-1037.	3.1	2
9	A Repelling-Attracting Metropolis Algorithm for Multimodality. Journal of Computational and Graphical Statistics, 2018, 27, 479-490.	1.7	16
10	Bayesian estimates of astronomical time delays between gravitationally lensed stochastic light curves. Annals of Applied Statistics, 2017, 11, .	1.1	16
11	Ten Simple Rules for Effective Statistical Practice. PLoS Computational Biology, 2016, 12, e1004961.	3.2	69
12	Discussion: The Q&Q Dynamic for Deeper Learning and Research. International Statistical Review, 2016, 84, 181-189.	1.9	1
13	Discussion: Should a Working Model Actually Work?. International Statistical Review, 2016, 84, 362-367.	1.9	0
14	There Is Individualized Treatment. Why Not Individualized Inference?. Annual Review of Statistics and Its Application, 2016, 3, 79-111.	7.0	36
15	I Got More Data, My Model is More Refined, but My Estimator is Getting Worse! Am I Just Dumb?. Econometric Reviews, 2014, 33, 218-250.	1.1	22
16	Response: Did Newton's Raphson really fail?. Statistical Methods in Medical Research, 2014, 23, 312-314.	1.5	2
17	The potential and perils of preprocessing: Building new foundations. Bernoulli, 2013, 19, .	1.3	17
18	Thank God That Regressing Y on X is Not the Same as Regressing X on Y : Direct and Indirect Residual Augmentations. Journal of Computational and Graphical Statistics, 2013, 22, 598-622.	1.7	2

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19	Statistics can lie but can also correct for lies: Reducing response bias in NLAAS via Bayesian imputation. <i>Statistics and Its Interface</i> , 2013, 6, 387-398.	0.3	3
20	Enhanced security checks at airports: minimizing time to detection or probability of escape?. <i>Stat</i> , 2012, 1, 42-52.	0.4	2
21	H-means image segmentation to identify solar thermal features. , 2012, , .		0
22	The Impact of Insurance Coverage in Diminishing Racial and Ethnic Disparities in Behavioral Health Services. <i>Health Services Research</i> , 2012, 47, 1322-1344.	2.0	100
23	You want me to analyze data I don't have? Are you insane?. <i>Shanghai Archives of Psychiatry</i> , 2012, 24, 297-301.	0.7	4
24	To Center or Not to Center: That Is Not the Questionâ€”An Ancillarityâ€”Sufficiency Interweaving Strategy (ASIS) for Boosting MCMC Efficiency. <i>Journal of Computational and Graphical Statistics</i> , 2011, 20, 531-570.	1.7	116
25	Rejoinder: Be All Our Insomnia Rememberedâ€ . <i>Journal of Computational and Graphical Statistics</i> , 2011, 20, 603-615.	1.7	0
26	Cross-Fertilizing Strategies for Better EM Mountain Climbing and DA Field Exploration: A Graphical Guide Book. <i>Statistical Science</i> , 2010, 25, .	2.8	20
27	Nano-Project Qualifying Exam Process: An Intensified Dialogue Between Students and Faculty. <i>American Statistician</i> , 2010, 64, 282-290.	1.6	2
28	Desired and Fearedâ€”What Do We Do Now and Over the Next 50 Years?. <i>American Statistician</i> , 2009, 63, 202-210.	1.6	39
29	Disparities in defining disparities: Statistical conceptual frameworks. <i>Statistics in Medicine</i> , 2008, 27, 3941-3956.	1.6	30
30	Disparity in Depression Treatment Among Racial and Ethnic Minority Populations in the United States. <i>Psychiatric Services</i> , 2008, 59, 1264-1272.	2.0	711
31	Prevalence of Mental Illness in Immigrant and Non-Immigrant U.S. Latino Groups. <i>American Journal of Psychiatry</i> , 2008, 165, 359-369.	7.2	826
32	Quantifying the Fraction of Missing Information for Hypothesis Testing in Statistical and Genetic Studies. <i>Statistical Science</i> , 2008, 23, .	2.8	5
33	Discussion: One-step sparse estimates in nonconcave penalized likelihood models: Who cares if it is a white cat or a black cat?. <i>Annals of Statistics</i> , 2008, 36, .	2.6	5
34	Disparity in Depression Treatment Among Racial and Ethnic Minority Populations in the United States. <i>Psychiatric Services</i> , 2008, 59, 1264-1272.	2.0	511
35	A helicopter view of the self-consistency framework for wavelets and other signal extraction methods in the presence of missing and irregularly spaced data. <i>Proceedings of SPIE</i> , 2007, , .	0.8	0
36	FURTHER EXPLORATIONS OF LIKELIHOOD THEORY FOR MONTE CARLO INTEGRATION. , 2007, , 563-592.		3

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37	A Framework for wavelet-Based Analysis and Processing of Color Filter Array Images with Applications to Denoising and Demosaicing. , 2007, , .		23
38	A Multiresolution Hazard Model for Multicenter Survival Studies. Journal of the American Statistical Association, 2007, 102, 1145-1157.	3.1	6
39	Prevalence and correlates of eating disorders in Latinos in the United States. International Journal of Eating Disorders, 2007, 40, S15-S21.	4.0	218
40	Comment on article by Celeux et al.. Bayesian Analysis, 2006, 1, 687.	3.0	6
41	An Empirical Bayes Em-Wavelet Unification for Simultaneous Denoising, Interpolation, and/Or Demosaicing. , 2006, , .		15
42	Statistical Physics and Statistical Computing: A Critical Link. , 2006, , 327-344.		2
43	Perceptual Scaling. Wiley Series in Probability and Statistics, 2005, , 343-360.	0.0	2
44	Modeling the Covariance and Correlation Matrix of Repeated Measures. Wiley Series in Probability and Statistics, 2005, , 215-226.	0.0	5
45	An Overview of Methods for Causal Inference from Observational Studies. Wiley Series in Probability and Statistics, 2005, , 1-13.	0.0	7
46	Nonresponse Adjustment in Government Statistical Agencies: Constraints, Inferential Goals, and Robustness Issues. Wiley Series in Probability and Statistics, 2005, , 109-115.	0.0	0
47	Bridging across Changes in Classification Systems. Wiley Series in Probability and Statistics, 2005, , 117-128.	0.0	3
48	Representing the Census Undercount by Multiple Imputation of Households. Wiley Series in Probability and Statistics, 2005, , 129-140.	0.0	0
49	Statistical Disclosure Techniques Based on Multiple Imputation. Wiley Series in Probability and Statistics, 2005, , 141-152.	0.0	18
50	Designs Producing Balanced Missing Data: Examples from the National Assessment of Educational Progress. Wiley Series in Probability and Statistics, 2005, , 153-162.	0.0	0
51	Propensity Score Estimation with Missing Data. Wiley Series in Probability and Statistics, 2005, , 163-174.	0.0	2
52	Sensitivity to Nonignorability in Frequentist Inference. Wiley Series in Probability and Statistics, 2005, , 175-186.	0.0	0
53	Statistical Modeling and Computation. Wiley Series in Probability and Statistics, 2005, , 187-194.	0.0	0
54	Treatment Effects in Before-After Data. Wiley Series in Probability and Statistics, 2005, , 195-202.	0.0	3

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55	Multimodality in Mixture Models and Factor Models. Wiley Series in Probability and Statistics, 2005, , 203-213.	0.0	1
56	Matching in Observational Studies. Wiley Series in Probability and Statistics, 2005, , 15-24.	0.0	5
57	Using EM and Data Augmentation for the Competing Risks Model. Wiley Series in Probability and Statistics, 2005, , 239-251.	0.0	5
58	The Sampling/Importance Resampling Algorithm. Wiley Series in Probability and Statistics, 2005, , 265-276.	0.0	3
59	Whither Applied Bayesian Inference?. Wiley Series in Probability and Statistics, 2005, , 277-284.	0.0	0
60	Record Linkage Using Finite Mixture Models. Wiley Series in Probability and Statistics, 2005, , 309-318.	0.0	6
61	Estimating Causal Effects in Nonexperimental Studies. Wiley Series in Probability and Statistics, 2005, , 25-35.	0.0	1
62	Applying Structural Equation Models with Incomplete Data. Wiley Series in Probability and Statistics, 2005, , 331-342.	0.0	3
63	Medication Cost Sharing and Drug Spending in Medicare. Wiley Series in Probability and Statistics, 2005, , 37-47.	0.0	0
64	A Comparison of Experimental and Observational Data Analyses. Wiley Series in Probability and Statistics, 2005, , 49-60.	0.0	55
65	Causal Inference with Instrumental Variables. Wiley Series in Probability and Statistics, 2005, , 85-96.	0.0	0
66	Principal Stratification. Wiley Series in Probability and Statistics, 2005, , 97-108.	0.0	1
67	Multiprocess parallel antithetic coupling for backward and forward Markov Chain Monte Carlo. Annals of Statistics, 2005, 33, 661.	2.6	40
68	Identifying Likely Duplicates by Record Linkage in a Survey of Prostitutes. Wiley Series in Probability and Statistics, 2005, , 319-329.	0.0	1
69	Improved Predictions of Lynx Trappings Using a Biological Model. Wiley Series in Probability and Statistics, 2005, , 297-308.	0.0	4
70	Robit Regression: A Simple Robust Alternative to Logistic and Probit Regression. Wiley Series in Probability and Statistics, 2005, , 227-238.	0.0	59
71	Fixing Broken Experiments Using the Propensity Score. Wiley Series in Probability and Statistics, 2005, , 61-71.	0.0	2
72	The Propensity Score with Continuous Treatments. Wiley Series in Probability and Statistics, 2005, , 73-84.	0.0	475

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73	Two slice-EM algorithms for fitting generalized linear mixed models with binary response. <i>Statistical Modelling</i> , 2005, 5, 229-242.	1.1	7
74	Efficient EM-type Algorithms for Fitting Spectral Lines in High-Energy Astrophysics. <i>Wiley Series in Probability and Statistics</i> , 2005, , 285-296.	0.0	2
75	Considering context, place and culture: the National Latino and Asian American Study. <i>International Journal of Methods in Psychiatric Research</i> , 2004, 13, 208-220.	2.1	630
76	Discussion on the paper by Brooks, Giudici and Roberts. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2003, 65, 39-55.	2.2	2
77	Warp Bridge Sampling. <i>Journal of Computational and Graphical Statistics</i> , 2002, 11, 552-586.	1.7	69
78	The Art of Data Augmentation. <i>Journal of Computational and Graphical Statistics</i> , 2001, 10, 1-50.	1.7	724
79	Missing Data: Dial M for ????. <i>Journal of the American Statistical Association</i> , 2000, 95, 1325-1330.	3.1	18
80	Missing Data: Dial M for ????. <i>Journal of the American Statistical Association</i> , 2000, 95, 1325.	3.1	9
81	Applications of multiple imputation in medical studies: from AIDS to NHANES. <i>Statistical Methods in Medical Research</i> , 1999, 8, 17-36.	1.5	248
82	On the Orderings and Groupings of Conditional Maximizations within ECM-Type Algorithms. <i>Journal of Computational and Graphical Statistics</i> , 1997, 6, 202-223.	1.7	10
83	The EM algorithm and medical studies: a historical link. <i>Statistical Methods in Medical Research</i> , 1997, 6, 3-23.	1.5	40
84	Statistical inference and Monte Carlo algorithms. <i>Test</i> , 1996, 5, 249-344.	1.1	29
85	Fitting Full-Information Item Factor Models and an Empirical Investigation of Bridge Sampling. <i>Journal of the American Statistical Association</i> , 1996, 91, 1254-1267.	3.1	128
86	Fitting Full-Information Item Factor Models and an Empirical Investigation of Bridge Sampling. <i>Journal of the American Statistical Association</i> , 1996, 91, 1254.	3.1	25
87	Multiple-Imputation Inferences with Uncongenial Sources of Input. <i>Statistical Science</i> , 1994, 9, 538.	2.8	513
88	Correlation Curves as Local Measures of Variance Explained by Regression. <i>Journal of the American Statistical Association</i> , 1994, 89, 571-582.	3.1	63
89	On the global and componentwise rates of convergence of the EM algorithm. <i>Linear Algebra and Its Applications</i> , 1994, 199, 413-425.	0.9	67
90	On the use of conditional maximization in chemometrics. <i>Journal of Chemometrics</i> , 1994, 8, 365-370.	1.3	4

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91	Posterior Predictive p -Values. <i>Annals of Statistics</i> , 1994, 22, 1142.	2.6	570
92	Correlation Curves as Local Measures of Variance Explained by Regression. <i>Journal of the American Statistical Association</i> , 1994, 89, 571.	3.1	37
93	Maximum likelihood estimation via the ECM algorithm: A general framework. <i>Biometrika</i> , 1993, 80, 267-278.	2.4	1,365
94	The AIDS Epidemic: Estimating Survival After AIDS Diagnosis From Surveillance Data. <i>Journal of the American Statistical Association</i> , 1993, 88, 26-36.	3.1	35
95	Performing likelihood ratio tests with multiply-imputed data sets. <i>Biometrika</i> , 1992, 79, 103-111.	2.4	263
96	A Note on Bivariate Distributions That are Conditionally Normal. <i>American Statistician</i> , 1991, 45, 125-126.	1.6	21
97	Using EM to Obtain Asymptotic Variance-Covariance Matrices: The SEM Algorithm. <i>Journal of the American Statistical Association</i> , 1991, 86, 899-909.	3.1	426
98	Using EM to Obtain Asymptotic Variance-Covariance Matrices: The SEM Algorithm. <i>Journal of the American Statistical Association</i> , 1991, 86, 899.	3.1	97
99	A Self-Consistent Wavelet Method for Denoising Images with Missing Pixels. , 0, , .		10