

# 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	Maximum likelihood estimation via the ECM algorithm: A general framework. <i>Biometrika</i> , 1993, 80, 267-278.	2.4	1,365
2	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
3	The Art of Data Augmentation. <i>Journal of Computational and Graphical Statistics</i> , 2001, 10, 1-50.	1.7	724
4	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
5	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
6	Posterior Predictive $p$ -Values. <i>Annals of Statistics</i> , 1994, 22, 1142.	2.6	570
7	Multiple-Imputation Inferences with Uncongenial Sources of Input. <i>Statistical Science</i> , 1994, 9, 538.	2.8	513
8	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
9	The Propensity Score with Continuous Treatments. <i>Wiley Series in Probability and Statistics</i> , 2005, , 73-84.	0.0	475
10	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
11	Performing likelihood ratio tests with multiply-imputed data sets. <i>Biometrika</i> , 1992, 79, 103-111.	2.4	263
12	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
13	Prevalence and correlates of eating disorders in Latinos in the United States. <i>International Journal of Eating Disorders</i> , 2007, 40, S15-S21.	4.0	218
14	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
15	Unrepresentative big surveys significantly overestimated US vaccine uptake. <i>Nature</i> , 2021, 600, 695-700.	27.8	120
16	To Center or Not to Center: That Is Not the Question—An Ancillarity—Sufficiency Interweaving Strategy (ASIS) for Boosting MCMC Efficiency. <i>Journal of Computational and Graphical Statistics</i> , 2011, 20, 531-570.	1.7	116
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Warp Bridge Sampling. <i>Journal of Computational and Graphical Statistics</i> , 2002, 11, 552-586.	1.7	69
20	Ten Simple Rules for Effective Statistical Practice. <i>PLoS Computational Biology</i> , 2016, 12, e1004961.	3.2	69
21	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
22	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
23	Robit Regression: A Simple Robust Alternative to Logistic and Probit Regression. <i>Wiley Series in Probability and Statistics</i> , 2005, , 227-238.	0.0	59
24	A Comparison of Experimental and Observational Data Analyses. <i>Wiley Series in Probability and Statistics</i> , 2005, , 49-60.	0.0	55
25	The EM algorithm and medical studies: a historical link. <i>Statistical Methods in Medical Research</i> , 1997, 6, 3-23.	1.5	40
26	Multiprocess parallel antithetic coupling for backward and forward Markov Chain Monte Carlo. <i>Annals of Statistics</i> , 2005, 33, 661.	2.6	40
27	Desired and Feared—What Do We Do Now and Over the Next 50 Years?. <i>American Statistician</i> , 2009, 63, 202-210.	1.6	39
28	Correlation Curves as Local Measures of Variance Explained by Regression. <i>Journal of the American Statistical Association</i> , 1994, 89, 571.	3.1	37
29	There Is Individualized Treatment. Why Not Individualized Inference?. <i>Annual Review of Statistics and Its Application</i> , 2016, 3, 79-111.	7.0	36
30	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
31	Disparities in defining disparities: Statistical conceptual frameworks. <i>Statistics in Medicine</i> , 2008, 27, 3941-3956.	1.6	30
32	Statistical inference and Monte Carlo algorithms. <i>Test</i> , 1996, 5, 249-344.	1.1	29
33	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
34	A Framework for wavelet-Based Analysis and Processing of Color Filter Array Images with Applications to Denoising and Demosaicing. , 2007, , .		23
35	I Got More Data, My Model is More Refined, but My Estimator is Getting Worse! Am I Just Dumb?. <i>Econometric Reviews</i> , 2014, 33, 218-250.	1.1	22
36	A Note on Bivariate Distributions That are Conditionally Normal. <i>American Statistician</i> , 1991, 45, 125-126.	1.6	21

#	ARTICLE	IF	CITATIONS
37	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
38	Missing Data: Dial M for ???. <i>Journal of the American Statistical Association</i> , 2000, 95, 1325-1330.	3.1	18
39	Statistical Disclosure Techniques Based on Multiple Imputation. <i>Wiley Series in Probability and Statistics</i> , 2005, , 141-152.	0.0	18
40	The potential and perils of preprocessing: Building new foundations. <i>Bernoulli</i> , 2013, 19, .	1.3	17
41	Bayesian estimates of astronomical time delays between gravitationally lensed stochastic light curves. <i>Annals of Applied Statistics</i> , 2017, 11, .	1.1	16
42	A Repellingâ€“Attracting Metropolis Algorithm for Multimodality. <i>Journal of Computational and Graphical Statistics</i> , 2018, 27, 479-490.	1.7	16
43	An Empirical Bayes Em-Wavelet Unification for Simultaneous Denoising, Interpolation, and/Or Demosaicing. , 2006, , .		15
44	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
45	A Self-Consistent Wavelet Method for Denoising Images with Missing Pixels. , 0, , .		10
46	Prior Sample Size Extensions for Assessing Prior Impact and Prior-Likelihood Discordance. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2021, 83, 413-437.	2.2	10
47	Judicious Judgment Meets Unsettling Updating: Dilation, Sure Loss and Simpsonâ€™s Paradox. <i>Statistical Science</i> , 2021, 36, .	2.8	9
48	Missing Data: Dial M for ???. <i>Journal of the American Statistical Association</i> , 2000, 95, 1325.	3.1	9
49	An Overview of Methods for Causal Inference from Observational Studies. <i>Wiley Series in Probability and Statistics</i> , 2005, , 1-13.	0.0	7
50	Two slice-EM algorithms for fitting generalized linear mixed models with binary response. <i>Statistical Modelling</i> , 2005, 5, 229-242.	1.1	7
51	A Multi-resolution Theory for Approximating Infinite-p-Zero-n: Transitional Inference, Individualized Predictions, and a World Without Bias-Variance Tradeoff. <i>Journal of the American Statistical Association</i> , 2021, 116, 353-367.	3.1	7
52	Record Linkage Using Finite Mixture Models. <i>Wiley Series in Probability and Statistics</i> , 2005, , 309-318.	0.0	6
53	Comment on article by Celeux et al.. <i>Bayesian Analysis</i> , 2006, 1, 687.	3.0	6
54	A Multiresolution Hazard Model for Multicenter Survival Studies. <i>Journal of the American Statistical Association</i> , 2007, 102, 1145-1157.	3.1	6

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55	Modeling the Covariance and Correlation Matrix of Repeated Measures. Wiley Series in Probability and Statistics, 2005, , 215-226.	0.0	5
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	Quantifying the Fraction of Missing Information for Hypothesis Testing in Statistical and Genetic Studies. Statistical Science, 2008, 23, .	2.8	5
59	Discussion: One-step sparse estimates in nonconcave penalized likelihood models: Who cares if it is a white cat or a black cat?. Annals of Statistics, 2008, 36, .	2.6	5
60	On the use of conditional maximization in chemometrics. Journal of Chemometrics, 1994, 8, 365-370.	1.3	4
61	Improved Predictions of Lynx Trappings Using a Biological Model. Wiley Series in Probability and Statistics, 2005, , 297-308.	0.0	4
62	You want me to analyze data I don't have? Are you insane?. Shanghai Archives of Psychiatry, 2012, 24, 297-301.	0.7	4
63	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
64	Bridging across Changes in Classification Systems. Wiley Series in Probability and Statistics, 2005, , 117-128.	0.0	3
65	Treatment Effects in Before-After Data. Wiley Series in Probability and Statistics, 2005, , 195-202.	0.0	3
66	The Sampling/Importance Resampling Algorithm. Wiley Series in Probability and Statistics, 2005, , 265-276.	0.0	3
67	Applying Structural Equation Models with Incomplete Data. Wiley Series in Probability and Statistics, 2005, , 331-342.	0.0	3
68	FURTHER EXPLORATIONS OF LIKELIHOOD THEORY FOR MONTE CARLO INTEGRATION. , 2007, , 563-592.		3
69	Statistics can lie but can also correct for lies: Reducing response bias in NLAAS via Bayesian imputation. Statistics and Its Interface, 2013, 6, 387-398.	0.3	3
70	Discussion on the paper by Brooks, Giudici and Roberts. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2003, 65, 39-55.	2.2	2
71	Perceptual Scaling. Wiley Series in Probability and Statistics, 2005, , 343-360.	0.0	2
72	Propensity Score Estimation with Missing Data. Wiley Series in Probability and Statistics, 2005, , 163-174.	0.0	2

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73	Fixing Broken Experiments Using the Propensity Score. Wiley Series in Probability and Statistics, 2005, , 61-71.	0.0	2
74	Efficient EM-type Algorithms for Fitting Spectral Lines in High-Energy Astrophysics. Wiley Series in Probability and Statistics, 2005, , 285-296.	0.0	2
75	Nano-Project Qualifying Exam Process: An Intensified Dialogue Between Students and Faculty. American Statistician, 2010, 64, 282-290.	1.6	2
76	Enhanced security checks at airports: minimizing time to detection or probability of escape?. Stat, 2012, 1, 42-52.	0.4	2
77	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
78	Response: Did Newtonâ€“Raphson really fail?. Statistical Methods in Medical Research, 2014, 23, 312-314.	1.5	2
79	Calibration Concordance for Astronomical Instruments via Multiplicative Shrinkage. Journal of the American Statistical Association, 2019, 114, 1018-1037.	3.1	2
80	Statistical Physics and Statistical Computing: A Critical Link. , 2006, , 327-344.		2
81	Multimodality in Mixture Models and Factor Models. Wiley Series in Probability and Statistics, 2005, , 203-213.	0.0	1
82	Estimating Causal Effects in Nonexperimental Studies. Wiley Series in Probability and Statistics, 2005, , 25-35.	0.0	1
83	Principal Stratification. Wiley Series in Probability and Statistics, 2005, , 97-108.	0.0	1
84	Identifying Likely Duplicates by Record Linkage in a Survey of Prostitutes. Wiley Series in Probability and Statistics, 2005, , 319-329.	0.0	1
85	Discussion: The Q&#x2013;Dynamic for Deeper Learning and Research. International Statistical Review, 2016, 84, 181-189.	1.9	1
86	Nonresponse Adjustment in Government Statistical Agencies: Constraints, Inferential Goals, and Robustness Issues. Wiley Series in Probability and Statistics, 2005, , 109-115.	0.0	0
87	Representing the Census Undercount by Multiple Imputation of Households. Wiley Series in Probability and Statistics, 2005, , 129-140.	0.0	0
88	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
89	Sensitivity to Nonignorability in Frequentist Inference. Wiley Series in Probability and Statistics, 2005, , 175-186.	0.0	0
90	Statistical Modeling and Computation. Wiley Series in Probability and Statistics, 2005, , 187-194.	0.0	0

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91	Whither Applied Bayesian Inference?. Wiley Series in Probability and Statistics, 2005, , 277-284.	0.0	0
92	Medication Cost Sharing and Drug Spending in Medicare. Wiley Series in Probability and Statistics, 2005, , 37-47.	0.0	0
93	Causal Inference with Instrumental Variables. Wiley Series in Probability and Statistics, 2005, , 85-96.	0.0	0
94	A helicopter view of the self-consistency framework for wavelets and other signal extraction methods in the presence of missing and irregularly spaced data. Proceedings of SPIE, 2007, , .	0.8	0
95	Rejoinder: Be All Our Insomnia Rememberedâ€¦. Journal of Computational and Graphical Statistics, 2011, 20, 603-615.	1.7	0
96	H-means image segmentation to identify solar thermal features. , 2012, , .		0
97	Discussion: Should a Working Model Actually Work?. International Statistical Review, 2016, 84, 362-367.	1.9	0
98	Warp Bridge Sampling: The Next Generation. Journal of the American Statistical Association, 2020, , 1-17.	3.1	0
99	Rejoinder: Letâ€™s Be Imprecise in Order to Be Precise (About What We Donâ€™t Know). Statistical Science, 2021, 36, .	2.8	0