Martin A Tanner

List of Publications by Year
in descending order

64 papers	8,533 citations	136950 32 h-index	118850 62 g-index
70 all docs	70 docs citations	70 times ranked	4641 citing authors

#	Article	IF	Citations
1	The Calculation of Posterior Distributions by Data Augmentation. Journal of the American Statistical Association, 1987, 82, 528-540.	3.1	3,022
2	A Monte Carlo Implementation of the EM Algorithm and the Poor Man's Data Augmentation Algorithms. Journal of the American Statistical Association, 1990, 85, 699-704.	3.1	945
3	The Calculation of Posterior Distributions by Data Augmentation. Journal of the American Statistical Association, 1987, 82, 528.	3.1	605
4	A Monte Carlo Implementation of the EM Algorithm and the Poor Man's Data Augmentation Algorithms. Journal of the American Statistical Association, 1990, 85, 699.	3.1	578
5	Tools for Statistical Inference. Springer Series in Statistics, 1996, , .	0.9	520
6	Tools for Statistical Inference. Springer Series in Statistics, 1993, , .	0.9	341
7	Facilitating the Gibbs Sampler: The Gibbs Stopper and the Griddy-Gibbs Sampler. Journal of the American Statistical Association, 1992, 87, 861-868.	3.1	316
8	Forecasting for COVID-19 has failed. International Journal of Forecasting, 2022, 38, 423-438.	6.5	242
9	Anti-carcinogenic activity of d-limonene during the initiation and promotion/progression stages of DMBA-induced rat mammary carcinogenesis. Carcinogenesis, 1988, 9, 331-332.	2.8	167
10	The prevention of nitrosomethylurea-induced mammary tumors by d-limonene and orange oil. Carcinogenesis, 1989, 10, 781-783.	2.8	144
11	Modeling Agreement among Raters. Journal of the American Statistical Association, 1985, 80, 175-180.	3.1	135
12	Bayesian Inference in Mixtures-of-Experts and Hierarchical Mixtures-of-Experts Models with an Application to Speech Recognition. Journal of the American Statistical Association, 1996, 91, 953-960.	3.1	126
13	Bayesian and Frequentist Inference for Ecological Inference: The RxC Case. Statistica Neerlandica, 2001, 55, 134-156.	1.6	99
14	Inhibition of rat mammary carcinogenesis by monoterpenoids. Carcinogenesis, 1989, 10, 2161-2164.	2.8	98
15	Psychosexual adaptation to breast cancer surgery. Cancer, 1989, 63, 1645-1655.	4.1	96
16	Hierarchical mixtures-of-experts for exponential family regression models: approximation and maximum likelihood estimation. Annals of Statistics, 1999, 27, 987.	2.6	80
17	Applications of Multiple Imputation to the Analysis of Censored Regression Data. Biometrics, 1991, 47, 1297.	1.4	63
18	A case study in model failure? COVID-19 daily deaths and ICU bed utilisation predictions in New York state. European Journal of Epidemiology, 2020, 35, 733-742.	5.7	59

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19	Gibbs posterior for variable selection in high-dimensional classification and data mining. Annals of Statistics, 2008, 36, .	2.6	56
20	Posterior Computations for Censored Regression Data. Journal of the American Statistical Association, 1990, 85, 829-839.	3.1	46
21	A Bayesian Approach to Model Selection in Hierarchical Mixtures-of-Experts Architectures. Neural Networks, 1997, 10, 231-241.	5.9	46
22	Effect estimates of COVID-19 non-pharmaceutical interventions are non-robust and highly model-dependent. Journal of Clinical Epidemiology, 2021, 136, 96-132.	5.0	46
23	Operational Definitions of Schizophrenia What Do They Identify?. Journal of Nervous and Mental Disease, 1982, 170, 443-447.	1.0	43
24	Mouse skin tumor promoting activity of orange peel oil and d-limonene: a re-evaluation. Carcinogenesis, 1986, 7, 2047-2049.	2.8	43
25	Mixtures-of-Experts of Autoregressive Time Series: Asymptotic Normality and Model Specification. IEEE Transactions on Neural Networks, 2005, 16, 39-56.	4.2	43
26	Modeling ordinal scale disagreement.. Psychological Bulletin, 1985, 98, 408-415.	6.1	42
27	From EM to Data Augmentation: The Emergence of MCMC Bayesian Computation in the 1980s. Statistical Science, 2010, 25, .	2.8	42
28	Approximate Conditional Inference in Exponential Families via the Gibbs Sampler. Journal of the American Statistical Association, 1994, 89, 697-702.	3.1	40
29	On the Approximation Rate of Hierarchical Mixtures-of-Experts for Generalized Linear Models. Neural Computation, 1999, 11, 1183-1198.	2.2	40
30	Modeling nonlinear time series with local mixtures of generalized linear models. Canadian Journal of Statistics, 2005, 33, 97-113.	0.9	39
31	Tools for Statistical Inference: Observed Data and Data Augmentation Methods.. Journal of the American Statistical Association, 1992, 87, 1247.	3.1	38
32	Modelling nonlinear count time series with local mixtures of Poisson autoregressions. Computational Statistics and Data Analysis, 2007, 51, 5266-5294.	1.2	38
33	An Application of Imputation to an Estimation Problem in Grouped Lifetime Analysis. Technometrics, 1987, 29, 23-32.	1.9	34
34	Calculating the content and boundary of the highest posterior density region via data augmentation. Biometrika, 1990, 77, 649-652.	2.4	33
35	Bayesian Inference in Mixtures-of-Experts and Hierarchical Mixtures-of-Experts Models With an Application to Speech Recognition. Journal of the American Statistical Association, 1996, 91, 953.	3.1	25
36	Inhibition of carcinoma formation and of vascular invasion in grafts of radiation-initiated thyroid clonogens by unirradiated thyroid cells. Carcinogenesis, 1988, 9, 1329-1335.	2.8	18

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37	Modeling Agreement Among Raters. Journal of the American Statistical Association, 1985, 80, 175.	3.1	18
38	An Application of Imputation to an Estimation Problem in Grouped Lifetime Analysis. Technometrics, 1987, 29, 23.	1.9	15
39	The Use of Investigations in the Introductory Statistics Course. American Statistician, 1985, 39, 306-310.	1.6	14
40	Information in Ecological Inference: An Introduction. , 2004, , 1-12.		13
41	Modeling nonlinearities with mixtures-of-experts of time series models. International Journal of Mathematics and Mathematical Sciences, 2006, 2006, 1-22.	0.7	13
42	RISK MINIMIZATION FOR TIME SERIES BINARY CHOICE WITH VARIABLE SELECTION. Econometric Theory, 2010, 26, 1437-1452.	0.7	13
43	A Note on the Analysis of Censored Regression Data by Multiple Imputation. Biometrics, 1995, 51, 358.	1.4	8
44	Small-Sample Confidence Regions in Exponential Families. Biometrics, 1999, 55, 1291-1294.	1.4	8
45	Prior and Likelihood Choices in the Analysis of Ecological Data. , 2004, , 13-50.		8
46	Posterior Computations for Censored Regression Data. Journal of the American Statistical Association, 1990, 85, 829.	3.1	7
47	Enhancement of Misonidazole Chemopotentiation by Mild Hyperthermia (41°C)*in Vitro*and Selective Enhancement*in Vivo*. International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine, 1987, 52, 57-65.	1.0	5
48	Approximate Monte Carlo Conditional Inference in Exponential Families. Biometrics, 1999, 55, 246-251.	1.4	5
49	An Analytical Study of Several Markov Chain Monte Carlo Estimators of the Marginal Likelihood. Journal of Computational and Graphical Statistics, 1999, 8, 839-853.	1.7	5
50	A note on some algorithms for the Gibbs posterior. Statistics and Probability Letters, 2010, 80, 1234-1241.	0.7	5
51	Treatment of relapsed or refractory Hodgkin disease and non-Hodgkin lymphoma with high-dose chemoradiotherapy followed by unstimulated autologous peripheral stem cell rescue. American Journal of Hematology, 1992, 40, 86-92.	4.1	4
52	Bayesian inference for hierarchical mixtures-of-experts with applications to regression and classification. Statistical Methods in Medical Research, 1996, 5, 375-390.	1.5	4
53	Semiparametric Bayesian inference for regression models. Canadian Journal of Statistics, 1999, 27, 719-734.	0.9	4
54	An Analytical Study of Several Markov Chain Monte Carlo Estimators of the Marginal Likelihood. Journal of Computational and Graphical Statistics, 1999, 8, 839.	1.7	3

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55	Multiparty Split-Ticket Voting Estimation as an Ecological Inference Problem. , 2004, , 333-350.		3
56	Predicting Panel Data Binary Choice with the Gibbs Posterior. Neural Computation, 2011, 23, 2683-2712.	2.2	3
57	Ecological Regression with Partial Identification. Political Analysis, 2020, 28, 65-86.	3.3	3
58	Empirical Bayes Methods for Combining Likelihoods: Comment. Journal of the American Statistical Association, 1996, 91, 560.	3.1	2
59	GENERAL INEQUALITIES FOR GIBBS POSTERIOR WITH NONADDITIVE EMPIRICAL RISK. Econometric Theory, 2014, 30, 1247-1271.	0.7	2
60	The Data Augmentation Algorithm. Lecture Notes in Statistics, 1991, , 47-88.	0.2	1
61	Generalized Gini Correlation and its Application in Data-Mining. Data Mining and Knowledge Discovery, 2016, 30, 1455-1479.	3.7	1
62	Introduction to Problems & Techniques. Lecture Notes in Statistics, 1991, , 1-5.	0.2	0
63	The Gibbs Sampler. Lecture Notes in Statistics, 1991, , 89-107.	0.2	0
64	Bayesian Statistics: Computation. , 2015, , 101-106.		0