Lynn Kuo

List of Publications by Year
in descending order

65 papers	2,815 citations	331259 21 h-index	182168 51 g-index
69 all docs	69 docs citations	69 times ranked	3786 citing authors

#	Article	IF	Citations
1	Improving Marginal Likelihood Estimation for Bayesian Phylogenetic Model Selection. Systematic Biology, 2011, 60, 150-160.	2.7	850
2	Identification of differentially expressed genes between osteoblasts and osteocytes. Bone, 2009, 45, 682-692.	1.4	231
3	Choosing among Partition Models in Bayesian Phylogenetics. Molecular Biology and Evolution, 2011, 28, 523-532.	3.5	183
4	Expression Profile of Osteoblast Lineage at Defined Stages of Differentiation*. Journal of Biological Chemistry, 2005, 280, 24618-24626.	1.6	153
5	Bayesian Computation for Nonhomogeneous Poisson Processes in Software Reliability. Journal of the American Statistical Association, 1996, 91, 763-773.	1.8	151
6	Differentiated cells are more efficient than adult stem cells for cloning by somatic cell nuclear transfer. Nature Genetics, 2006, 38, 1323-1328.	9.4	107
7	Bayesian semiparametric inference for the accelerated failure-time model. Canadian Journal of Statistics, 1997, 25, 457-472.	0.6	89
8	Nonparametric Bayesian bioassay including ordered polytomous response. Biometrika, 1991, 78, 657-666.	1.3	86
9	A Note on the Estimation of the Multinomial Logit Model With Random Effects. American Statistician, 2001, 55, 89-95.	0.9	82
10	Estimation of bivariate measurements having different change points, with application to cognitive ageing. Statistics in Medicine, 2001, 20, 3695-3714.	0.8	77
11	Bayesian and profile likelihood change point methods for modeling cognitive function over time. Computational Statistics and Data Analysis, 2003, 42, 91-109.	0.7	73
12	Targeted Versus Daily Naltrexone: Secondary Analysis of Effects on Average Daily Drinking. Alcoholism: Clinical and Experimental Research, 2006, 30, 860-865.	1.4	73
13	Bayesian Binary Segmentation Procedure for a Poisson Process With Multiple Changepoints. Journal of Computational and Graphical Statistics, 2001, 10, 772-785.	0.9	61
14	Bayesian reliability modeling for masked system lifetime data. Statistics and Probability Letters, 2000, 47, 229-241.	0.4	56
15	Computations of Mixtures of Dirichlet Processes. SIAM Journal on Scientific and Statistical Computing, 1986, 7, 60-71.	1.5	50
16	Posterior Predictive Bayesian Phylogenetic Model Selection. Systematic Biology, 2014, 63, 309-321.	2.7	47
17	Bayesian Computation of Software Reliability. Journal of Computational and Graphical Statistics, 1995, 4, 65-82.	0.9	38
18	Bayesian Computation for Nonhomogeneous Poisson Processes in Software Reliability. , 0, .		34

#	Article	IF	Citations
19	Estimating Bayesian Phylogenetic Information Content. Systematic Biology, 2016, 65, 1009-1023.	2.7	31
20	A Bayesian predictive approach to determining the number of components in a mixture distribution. Statistics and Computing, 1995, 5, 297-305.	0.8	29
21	Bayes inference for S-shaped software-reliability growth models. IEEE Transactions on Reliability, 1997, 46, 76-80, 87.	3.5	28
22	Risk analysis of use of different classes of antidepressants on subsequent dementia: A nationwide cohort study in Taiwan. PLoS ONE, 2017, 12, e0175187.	1.1	26
23	Bayesian Computation of Software Reliability. Journal of Computational and Graphical Statistics, 1995, 4, 65.	0.9	20
24	Linear Bayes estimators of the potency curve in bioassay. Biometrika, 1988, 75, 91-96.	1.3	19
25	Bayesian computation for the superposition of nonhomogeneous poisson processes. Canadian Journal of Statistics, 1999, 27, 547-556.	0.6	19
26	Effects of High Hydrostatic Pressure on Expression Profiles of In Vitro Produced Vitrified Bovine Blastocysts. Scientific Reports, 2016, 6, 21215.	1.6	19
27	Increasing radiation dose improves immunotherapy outcome and prolongation of tumor dormancy in a subgroup of mice treated for advanced intracerebral melanoma. Cancer Immunology, Immunotherapy, 2016, 65, 127-139.	2.0	18
28	A New Monte Carlo Method for Estimating Marginal Likelihoods. Bayesian Analysis, 2018, 13, 311-333.	1.6	17
29	Multi-stage transitional models with random effects and their application to the Einstein aging study. Biometrical Journal, 2011, 53, 938-955.	0.6	16
30	A note on Bayes empirical Bayes estimation by means of Dirichlet processes. Statistics and Probability Letters, 1986, 4, 145-150.	0.4	11
31	A Bayesian Approach to Pathway Analysis by Integrating Gene–Gene Functional Directions and Microarray Data. Statistics in Biosciences, 2012, 4, 105-131.	0.6	11
32	An Improved Enzyme-Linked Immunoassay for the Detection of Leptospira-Specific Antibodies. American Journal of Tropical Medicine and Hygiene, 2018, 99, 266-274.	0.6	11
33	Stages of Objective Memory Impairment Predict Alzheimer's Disease Neuropathology: Comparison with the Clinical Dementia Rating Scale–Sum of Boxes. Journal of Alzheimer's Disease, 2021, 80, 185-195.	1.2	10
34	Forecasting stock prices using a hierarchical Bayesian approach. Journal of Forecasting, 2005, 24, 39-59.	1.6	8
35	Dosage Compensation of the X Chromosomes in Bovine Germline, Early Embryos, and Somatic Tissues. Genome Biology and Evolution, 2019, 11, 242-252.	1.1	7
36	Assessing Combinability of Phylogenomic Data Using Bayes Factors. Systematic Biology, 2019, 68, 744-754.	2.7	6

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37	The Free and Cued Selective Reminding Test Predicts Braak Stage. Journal of Alzheimer's Disease, 2021, 80, 175-183.	1.2	6
38	Composite Estimation of Totals for Livestock Surveys. Journal of the American Statistical Association, 1989, 84, 421-429.	1.8	5
39	A new empirical Bayes estimator with type II censored data. Computational Statistics and Data Analysis, 1991, 12, 271-279.	0.7	5
40	Sampling based approach for one-hit and multi-hit models in quantal bioassay. Statistics and Computing, 1997, 7, 183-192.	0.8	5
41	Bayesian Analysis for Linearized Multi-Stage Models in Quantal Bioassay. Biometrical Journal, 1999, 41, 53-69.	0.6	5
42	An improved collapsed Gibbs sampler for Dirichlet process mixing models. Computational Statistics and Data Analysis, 2006, 50, 659-674.	0.7	5
43	Bayes Inference for Technological Substitution Data with Data-based Transformation. Journal of Forecasting, 1997, 16, 65-82.	1.6	4
44	PBC: A Software Framework Facilitating Pattern-Based Clustering for Microarray Data Analysis. , 2009, , .		4
45	Bayesian variable selection for the Cox regression model with spatially varying coefficients with applications to Louisiana respiratory cancer data. Biometrical Journal, 2021, 63, 1607-1622.	0.6	4
46	Fixed-width interval estimation of the largest location of k negative exponential populations. Sequential Analysis, 1988, 7, 321-332.	0.2	3
47	Confident difference criterion: a new Bayesian differentially expressed gene selection algorithm with applications. BMC Bioinformatics, 2015, 16, 245.	1.2	3
48	A Tailored Multivariate Mixture Model for Detecting Proteins of Concordant Change Among Virulent Strains of <i>Clostridium Perfringens</i>. Journal of the American Statistical Association, 2018, 113, 546-559.	1.8	3
49	New partition based measures for data compatibility and information gain. Statistics in Medicine, 2021, 40, 3560-3581.	0.8	3
50	A State Duration Model for Brand Choice and Inter-Purchase Time. Journal of Data Science, 2004, 2, 125-147.	0.5	3
51	Empirical bayes risk evaluation with type ii censored data. Journal of Statistical Computation and Simulation, 1993, 48, 195-206.	0.7	2
52	Confidence Limits for the Intraclass Correlation in Compound-Poisson Sampling. Biometrical Journal, 1996, 38, 231-239.	0.6	2
53	Managing risk-adjusted resource allocation for project time-cost tradeoffs. Annals of Operations Research, 2022, 317, 717-735.	2.6	2
54	A class of minimax estimators of the scale parameter of the uniform distribution. Statistics and Probability Letters, 1990, 9, 317-321.	0.4	1

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55	Minimax estimation of a variance. Annals of the Institute of Statistical Mathematics, 1994, 46, 295-308.	0.5	1
56	Partition Weighted Approach For Estimating the Marginal Posterior Density With Applications. Journal of Computational and Graphical Statistics, 2019, 28, 334-349.	0.9	1
57	Composite Estimation of Totals for Livestock Surveys. , 0, .		1
58	Statistical Methods for Identifying Differentially Expressed Genes in Replicated Microarray Experiments: A Review. , 0, , 341-363.		0
59	Bayesian Hierarchical Modeling and Selection of Differentially Expressed Genes for the EST Data. Biometrics, 2011, 67, 142-150.	0.8	0
60	VARIABLE SELECTION FOR BAYESIAN SURVIVAL MODELS USING BREGMAN DIVERGENCE MEASURE. Probability in the Engineering and Informational Sciences, 2020, 34, 364-380.	0.6	0
61	Inflated density ratio and its variation and generalization for computing marginal likelihoods. Journal of the Korean Statistical Society, 2020, 49, 244-263.	0.3	0
62	Bayesian Concentration Ratio and Dissonance. Bayesian Analysis, 2021, -1, .	1.6	0
63	A Conditional Autoregressive Model for Detecting Natural Selection in Protein-Coding DNA Sequences. Springer Proceedings in Mathematics and Statistics, 2013, , 203-212.	0.1	0
64	Nonparametric Bayesian functional clustering for time-course microarray data. Statistics and Its Interface, 2014, 7, 543-557.	0.2	0
65	Abstract 300: increasing radiation dose enhances immunotherapy efficacy and together prolongs tumor dormancy in a subgroup of mice treated for advanced intracerebral melanoma. , 2015, , .		0