

Hien Duy Nguyen

List of Publications by Year in descending order

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686830

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67
all docs

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docs citations

67
times ranked

789
citing authors

#	ARTICLE	IF	CITATIONS
1	Global implicit function theorems and the online expectationâ€“maximisation algorithm. Australian and New Zealand Journal of Statistics, 2022, 64, 255-281.	0.4	3
2	Modelling the Relationships between Train Commutersâ€™ Access Modes and Traffic Safety. Journal of Advanced Transportation, 2022, 2022, 1-17.	0.9	1
3	Model independent feature attributions: Shapley values that uncover non-linear dependencies. PeerJ Computer Science, 2021, 7, e582.	2.7	9
4	Approximations of conditional probability density functions in Lebesgue spaces via mixture of experts models. Journal of Statistical Distributions and Applications, 2021, 8, .	1.2	7
5	Comment on Liao etÂˆal (2021) â€“Mothers' voices and white noise on premature infants' physiological reactions in a neonatal intensive care unit: A multi-arm randomised controlled trialâ€™. International Journal of Nursing Studies, 2021, 122, 104050.	2.5	1
6	Shapley Values for Feature Selection: The Good, the Bad, and the Axioms. IEEE Access, 2021, 9, 144352-144360.	2.6	82
7	The fully visible Boltzmann machine and the Senate of the 45th Australian Parliament in 2016. Journal of Computational Social Science, 2020, 3, 55-81.	1.4	1
8	Subâ€“Weibull distributions: Generalizing subâ€“Gaussian and subâ€“Exponential properties to heavier tailed distributions. Stat, 2020, 9, e318.	0.3	19
9	Approximation by finite mixtures of continuous density functions that vanish at infinity. Cogent Mathematics & Statistics, 2020, 7, 1750861.	0.9	28
10	Approximate Bayesian Computation Via the Energy Statistic. IEEE Access, 2020, 8, 131683-131698.	2.6	8
11	Bayesian clustering of skewed and multimodal data using geometric skewed normal distributions. Computational Statistics and Data Analysis, 2020, 152, 107040.	0.7	4
12	Mini-batch learning of exponential family finite mixture models. Statistics and Computing, 2020, 30, 731-748.	0.8	16
13	On strict sub-Gaussianity, optimal proxy variance and symmetry for bounded random variables. ESAIM - Probability and Statistics, 2020, 24, 39-55.	0.2	5
14	k-means on Positive Definite Matrices, and an Application to Clustering in Radar Image Sequences. , 2020, , .		0
15	Shapley Value Confidence Intervals for Attributing Variance Explained. Frontiers in Applied Mathematics and Statistics, 2020, 6, .	0.7	2
16	Pedestrian overpass use and its relationships with digital and social distractions, and overpass characteristics. Accident Analysis and Prevention, 2019, 131, 234-238.	3.0	25
17	Approximation results regarding the multiple-output Gaussian gated mixture of linear experts model. Neurocomputing, 2019, 366, 208-214.	3.5	9
18	Positive Data Kernel Density Estimation via the LogKDE Package for R. Communications in Computer and Information Science, 2019, , 269-280.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Model-based clustering and classification of functional data. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2019, 9, e1298.	4.6	28
20	Asymptotic normality of the time-domain generalized least squares estimator for linear regression models. <i>Stat</i> , 2019, 8, e248.	0.3	0
21	On approximations via convolution-defined mixture models. <i>Communications in Statistics - Theory and Methods</i> , 2019, 48, 3945-3955.	0.6	17
22	BoltzMM: an R package for maximum pseudolikelihood estimation of fully-visible Boltzmann machines. <i>Journal of Open Source Software</i> , 2019, 4, 1193.	2.0	2
23	An Introduction to Approximate Bayesian Computation. <i>Communications in Computer and Information Science</i> , 2019, , 96-108.	0.4	0
24	Regularized Estimation and Feature Selection in Mixtures of Gaussian-Gated Experts Models. <i>Communications in Computer and Information Science</i> , 2019, , 42-56.	0.4	3
25	studentlife: Tidy Handling and Navigation of a Valuable Mobile-Health Dataset. <i>Journal of Open Source Software</i> , 2019, 4, 1587.	2.0	0
26	Practical and theoretical aspects of mixture-of-experts modeling: An overview. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2018, 8, e1246.	4.6	12
27	Near universal consistency of the maximum pseudolikelihood estimator for discrete models. <i>Journal of the Korean Statistical Society</i> , 2018, 47, 90-98.	0.3	3
28	Some theoretical results regarding the polygonal distribution. <i>Communications in Statistics - Theory and Methods</i> , 2018, 47, 5083-5095.	0.6	0
29	Stream-suitable optimization algorithms for some soft-margin support vector machine variants. <i>Japanese Journal of Statistics and Data Science</i> , 2018, 1, 81-108.	0.7	1
30	Chunked-and-averaged estimators for vector parameters. <i>Statistics and Probability Letters</i> , 2018, 137, 336-342.	0.4	1
31	Multisite generalizability of schizophrenia diagnosis classification based on functional brain connectivity. <i>Schizophrenia Research</i> , 2018, 192, 167-171.	1.1	43
32	A globally convergent algorithm for lasso-penalized mixture of linear regression models. <i>Computational Statistics and Data Analysis</i> , 2018, 119, 19-38.	0.7	19
33	Whole-volume clustering of time series data from zebrafish brain calcium images via mixture modeling. <i>Statistical Analysis and Data Mining</i> , 2018, 11, 5-16.	1.4	7
34	Randomized mixture models for probability density approximation and estimation. <i>Information Sciences</i> , 2018, 467, 135-148.	4.0	7
35	A Two-Sample Kolmogorov-Smirnov-Like Test for Big Data. <i>Communications in Computer and Information Science</i> , 2018, , 89-106.	0.4	2
36	logKDE: log-transformed kernel density estimation. <i>Journal of Open Source Software</i> , 2018, 3, 870.	2.0	6

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37	Maximum Pseudolikelihood Estimation for Model-Based Clustering of Time Series Data. <i>Neural Computation</i> , 2017, 29, 990-1020.	1.3	9
38	An introduction to Majorization–Minimization algorithms for machine learning and statistical estimation. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2017, 7, e1198.	4.6	15
39	Progress on a conjecture regarding the triangular distribution. <i>Communications in Statistics - Theory and Methods</i> , 2017, 46, 11261-11271.	0.6	3
40	Response functions. <i>European Economic Review</i> , 2017, 98, 1-31.	1.2	1
41	A Universal Approximation Theorem for Gaussian-Gated Mixture of Experts Models. <i>SSRN Electronic Journal</i> , 2017, , .	0.4	1
42	Statistical Evaluation of Labeled Comparative Profiling Proteomics Experiments Using Permutation Test. <i>Methods in Molecular Biology</i> , 2017, 1549, 109-117.	0.4	2
43	Mixtures of spatial spline regressions for clustering and classification. <i>Computational Statistics and Data Analysis</i> , 2016, 93, 76-85.	0.7	10
44	A Block Minorization–Maximization Algorithm for Heteroscedastic Regression. <i>IEEE Signal Processing Letters</i> , 2016, 23, 1131-1135.	2.1	1
45	Mixture of Time-Dependent Growth Models with an Application to Blue Swimmer Crab Length-Frequency Data. <i>Biometrics</i> , 2016, 72, 1255-1265.	0.8	3
46	Maximum likelihood estimation of triangular and polygonal distributions. <i>Computational Statistics and Data Analysis</i> , 2016, 102, 23-36.	0.7	8
47	Linear mixed models with marginally symmetric nonparametric random effects. <i>Computational Statistics and Data Analysis</i> , 2016, 103, 151-169.	0.7	2
48	A Universal Approximation Theorem for Mixture-of-Experts Models. <i>Neural Computation</i> , 2016, 28, 2585-2593.	1.3	21
49	Spatial clustering of time series via mixture of autoregressions models and Markov random fields. <i>Statistica Neerlandica</i> , 2016, 70, 414-439.	0.9	10
50	Laplace mixture autoregressive models. <i>Statistics and Probability Letters</i> , 2016, 110, 18-24.	0.4	11
51	A Block Successive Lower-Bound Maximization Algorithm for the Maximum Pseudo-Likelihood Estimation of Fully Visible Boltzmann Machines. <i>Neural Computation</i> , 2016, 28, 485-492.	1.3	6
52	Asymptotic Normality of the Maximum Pseudolikelihood Estimator for Fully Visible Boltzmann Machines. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016, 27, 897-902.	7.2	6
53	Laplace mixture of linear experts. <i>Computational Statistics and Data Analysis</i> , 2016, 93, 177-191.	0.7	38
54	Maximum likelihood estimation of Gaussian mixture models without matrix operations. <i>Advances in Data Analysis and Classification</i> , 2015, 9, 371-394.	0.9	15

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55	Improved estimation of size-transition matrices using tag-recapture data. Canadian Journal of Fisheries and Aquatic Sciences, 2014, 71, 1385-1394.	0.7	8
56	Asymptotic inference for hidden process regression models. , 2014, , .		3
57	Online Quantitative Proteomics <i>p</i> -Value Calculator for Permutation-Based Statistical Testing of Peptide Ratios. Journal of Proteome Research, 2014, 13, 4184-4191.	1.8	26
58	False Discovery Rate Control in Magnetic Resonance Imaging Studies via Markov Random Fields. IEEE Transactions on Medical Imaging, 2014, 33, 1735-1748.	5.4	10
59	Spatial False Discovery Rate Control for Magnetic Resonance Imaging Studies. , 2013, , .		1
60	Expression of PTRF in PC-3 Cells Modulates Cholesterol Dynamics and the Actin Cytoskeleton Impacting Secretion Pathways. Molecular and Cellular Proteomics, 2012, 11, M111.012245.	2.5	59
61	Variable selection in statistical models using population-based incremental learning with applications to genome-wide association studies. , 2012, , .		0
62	The Fully-Visible Boltzmann Machine and the Senate of the 45th Australian Parliament in 2016. SSRN Electronic Journal, 0, , .	0.4	1
63	Approximation of probability density functions via location-scale finite mixtures in Lebesgue spaces. Communications in Statistics - Theory and Methods, 0, , 1-12.	0.6	2