

Ryan P Browne

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9356490/publications.pdf>

Version: 2024-02-01

49
papers

967
citations

430442

18
h-index

454577

30
g-index

50
all docs

50
docs citations

50
times ranked

349
citing authors

#	ARTICLE	IF	CITATIONS
1	A mixture of generalized hyperbolic distributions. Canadian Journal of Statistics, 2015, 43, 176-198.	0.6	121
2	Mixtures of Shifted Asymmetric Laplace Distributions. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 1149-1157.	9.7	118
3	Mixtures of skew- t factor analyzers. Computational Statistics and Data Analysis, 2014, 77, 326-335.	0.7	68
4	Multivariate Response and Parsimony for Gaussian Cluster-Weighted Models. Journal of Classification, 2017, 34, 4-34.	1.2	56
5	Model-Based Learning Using a Mixture of Mixtures of Gaussian and Uniform Distributions. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 814-817.	9.7	54
6	Estimating common principal components in high dimensions. Advances in Data Analysis and Classification, 2014, 8, 217-226.	0.9	52
7	Mixtures of Multivariate Power Exponential Distributions. Biometrics, 2015, 71, 1081-1089.	0.8	46
8	A mixture of common skew- t factor analyzers. Stat, 2014, 3, 68-82.	0.3	38
9	On nomenclature for, and the relative merits of, two formulations of skew distributions. Statistics and Probability Letters, 2016, 110, 201-206.	0.4	35
10	Model-based clustering, classification, and discriminant analysis of data with mixed type. Journal of Statistical Planning and Inference, 2012, 142, 2976-2984.	0.4	33
11	A mixture of generalized hyperbolic factor analyzers. Advances in Data Analysis and Classification, 2016, 10, 423-440.	0.9	33
12	A mixture of SDB skew- t factor analyzers. Econometrics and Statistics, 2017, 3, 160-168.	0.4	29
13	A Mixture of Coalesced Generalized Hyperbolic Distributions. Journal of Classification, 2019, 36, 26-57.	1.2	27
14	Orthogonal Stiefel manifold optimization for eigen-decomposed covariance parameter estimation in mixture models. Statistics and Computing, 2014, 24, 203-210.	0.8	25
15	Asymmetric clusters and outliers: Mixtures of multivariate contaminated shifted asymmetric Laplace distributions. Computational Statistics and Data Analysis, 2019, 132, 145-166.	0.7	23
16	Hypothesis Testing for Mixture Model Selection. Journal of Statistical Computation and Simulation, 2016, 86, 2797-2818.	0.7	21
17	Unsupervised learning via mixtures of skewed distributions with hypercube contours. Pattern Recognition Letters, 2015, 58, 69-76.	2.6	20
18	Hidden truncation hyperbolic distributions, finite mixtures thereof, and their application for clustering. Journal of Multivariate Analysis, 2017, 161, 141-156.	0.5	20

#	ARTICLE	IF	CITATIONS
19	Model based clustering of high-dimensional binary data. Computational Statistics and Data Analysis, 2015, 87, 84-101.	0.7	15
20	A Mixture of Variance-Gamma Factor Analyzers. Contributions To Statistics, 2017, , 369-385.	0.2	15
21	Improved Measurement-System Assessment for Processes with 100% Inspection. Journal of Quality Technology, 2009, 41, 376-388.	1.8	11
22	Augmented Measurement System Assessment. Journal of Quality Technology, 2010, 42, 388-399.	1.8	10
23	Gauge R&R studies that incorporate baseline information. IIE Transactions, 2013, 45, 1166-1175.	2.1	10
24	Product selection for liking studies: The sensory informed design. Food Quality and Preference, 2015, 44, 36-43.	2.3	10
25	Flexible clustering of high-dimensional data via mixtures of joint generalized hyperbolic distributions. Stat, 2018, 7, e177.	0.3	10
26	Two-Stage Leveraged Measurement System Assessment. Technometrics, 2009, 51, 239-249.	1.3	9
27	Model-Based Clustering, Classification, and Discriminant Analysis Using the Generalized Hyperbolic Distribution: MixGHD <i>R</i> package. Journal of Statistical Software, 2021, 98, .	1.8	9
28	Leveraged Gauge R&R Studies. Technometrics, 2010, 52, 294-302.	1.3	8
29	Functional data clustering by projection into latent generalized hyperbolic subspaces. Advances in Data Analysis and Classification, 2021, 15, 735-757.	0.9	7
30	Subspace clustering for the finite mixture of generalized hyperbolic distributions. Advances in Data Analysis and Classification, 2019, 13, 641-661.	0.9	6
31	Mixtures of Hidden Truncation Hyperbolic Factor Analyzers. Journal of Classification, 2020, 37, 366-379.	1.2	6
32	A family of parsimonious mixtures of multivariate Poisson-lognormal distributions for clustering multivariate count data. Stat, 2020, 9, e310.	0.3	5
33	Planning and analysis of measurement reliability studies. Canadian Journal of Statistics, 2011, 39, 344-355.	0.6	4
34	Handling missing data in consumer hedonic tests arising from direct scaling. Journal of Sensory Studies, 2016, 31, 514-523.	0.8	4
35	Assessment of a Measurement System Using Repeat Measurements of Failing Units. Quality Engineering, 2009, 22, 21-29.	0.7	2
36	Chimeral Clustering. Journal of Classification, 2022, 39, 171-190.	1.2	2

#	ARTICLE	IF	CITATIONS
37	Optimal two-stage reliability studies. <i>Statistics in Medicine</i> , 2010, 29, 229-235.	0.8	1
38	Multivariate sharp quadratic bounds via $\mathbf{\Sigma}$ -strong convexity and the Fenchel connection. <i>Electronic Journal of Statistics</i> , 2015, 9, .	0.4	1
39	Note of Clarification on "Hidden truncation hyperbolic distributions, finite mixtures thereof, and their application for clustering", by Murray, Browne, and McNicholas, J. <i>Multivariate Anal.</i> 161 (2017) 141-156. <i>Journal of Multivariate Analysis</i> , 2019, 171, 475-476.	0.5	1
40	Mode merging for the finite mixture of t -distributions. <i>Stat</i> , 2021, 10, e372.	0.3	1
41	In the pursuit of sparseness: A new rank-preserving penalty for a finite mixture of factor analyzers. <i>Computational Statistics and Data Analysis</i> , 2021, 160, 107244.	0.7	1
42	Discussion of "Model-based clustering and classification with non-normal mixture distributions" by Lee and McLachlan. <i>Statistical Methods and Applications</i> , 2013, 22, 467-472.	0.7	0
43	Assessing the variability of posterior probabilities in Gaussian model-based clustering. <i>Communications in Statistics Part B: Simulation and Computation</i> , 0, , 1-11.	0.6	0
44	One Line To Rule Them All: Generating LO-Shot Soft-Label Prototypes. , 2021, , .		0
45	A partial EM algorithm for model-based clustering with highly diverse missing data patterns. <i>Stat</i> , 2022, 11, e437.	0.3	0
46	Factor and hybrid components for model-based clustering. <i>Advances in Data Analysis and Classification</i> , 0, , 1.	0.9	0
47	On Assessments of Agreement Between Fuzzy Partitions. <i>Journal of Classification</i> , 0, , 1.	1.2	0
48	Mixture and Latent Class Models in Longitudinal and Other Settings. , 0, , 357-370.		0
49	Anderson relaxation test for intrinsic dimension selection in model-based clustering. <i>Journal of Statistical Computation and Simulation</i> , 0, , 1-20.	0.7	0