Toshihiro Abe

List of Publications by Year
in descending order

17 papers	195 citations	1307594 7 h-index	1058476 14 g-index
19 all docs	19 docs citations	19 times ranked	124 citing authors

#	Article	IF	Citations
1	Sine-skewed circular distributions. Statistical Papers, 2011, 52, 683-707.	1.2	72
2	A tractable, parsimonious and flexible model for cylindrical data, with applications. Econometrics and Statistics, 2017, 4, 91-104.	0.8	28
3	Crown asymmetry in high latitude forests: disentangling the directional effects of tree competition and solar radiation. Oikos, 2016, 125, 1035-1043.	2.7	23
4	Extending circular distributions through transformation of argument. Annals of the Institute of Statistical Mathematics, 2013, 65, 833-858.	0.8	12
5	On Papakonstantinou's extension of the cardioid distribution. Statistics and Probability Letters, 2009, 79, 2138-2147.	0.7	10
6	Symmetric circular models through duplication and cosine perturbation. Computational Statistics and Data Analysis, 2011, 55, 3271-3282.	1.2	9
7	A cylindrical distribution with heavy-tailed linear part. Japanese Journal of Statistics and Data Science, 2019, 2, 129-154.	1.2	8
8	Circular distributions of fallen logs as an indicator of forest disturbance regimes. Ecological Indicators, 2012, 18, 559-566.	6.3	5
9	A family of skew distributions with mode-invariance through transformation of scale. Statistical Methodology, 2015, 25, 89-98.	0.5	5
10	The sinh-arcsinhed logistic family of distributions: properties and inference. Annals of the Institute of Statistical Mathematics, 2015, 67, 573-594.	0.8	5
11	Estimation of finite mixture models of skew-symmetric circular distributions. Metrika, 2020, 83, 895-922.	0.8	5
12	Circular autocorrelation of stationary circular Markov processes. Statistical Inference for Stochastic Processes, 2017, 20, 275-290.	0.6	4
13	EM algorithm using overparameterization for the multivariate skew-normal distribution. Econometrics and Statistics, 2021, , .	0.8	3
14	Sine-skewed axial distributions with an application for fallen tree data. Environmental and Ecological Statistics, 2012, 19, 295-307.	3.5	2
15	Multivariate skew distributions with mode-invariance through the transformation of scale. Japanese Journal of Statistics and Data Science, 2019, 2, 529-544.	1.2	2
16	Simple construction of a toroidal distribution from independent circular distributions. Journal of Multivariate Analysis, 2021, 186, 104799.	1.0	1
17	Bayesian estimation for mode and anti-mode preserving circular distributions. Econometrics and Statistics, 2021, , .	0.8	0