Arthur R Pewsey

List of Publications by Year
in descending order

42	1,316	331670	361022
papers	citations	21 h-index	35 g-index

46	46	46	1808
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sinh-arcsinh distributions. Biometrika, 2009, 96, 761-780.	2.4	199
2	Problems of inference for Azzalini's skewnormal distribution. Journal of Applied Statistics, 2000, 27, 859-870.	1.3	169
3	A Family of Symmetric Distributions on the Circle. Journal of the American Statistical Association, 2005, 100, 1422-1428.	3.1	90
4	Sine-skewed circular distributions. Statistical Papers, 2011, 52, 683-707.	1.2	72
5	The wrapped skew-normal distribution on the circle. Communications in Statistics - Theory and Methods, 2000, 29, 2459-2472.	1.0	56
6	Testing circular symmetry. Canadian Journal of Statistics, 2002, 30, 591-600.	0.9	54
7	Recent advances in directional statistics. Test, 2021, 30, 1-58.	1.1	52
8	Likelihood-based inference for power distributions. Test, 2012, 21, 775-789.	1.1	50
9	LARGE-SAMPLE INFERENCE FOR THE GENERAL HALF-NORMAL DISTRIBUTION. Communications in Statistics - Theory and Methods, 2002, 31, 1045-1054.	1.0	39
10	Goodness-of-Fit Tests for the Skew-Normal Distribution When the Parameters Are Estimated from the Data. Communications in Statistics - Theory and Methods, 2007, 36, 1735-1755.	1.0	38
11	Skewness-Invariant Measures of Kurtosis. American Statistician, 2011, 65, 89-95.	1.6	35
12	The large-sample joint distribution of key circular statistics. Metrika, 2004, 60, 25.	0.8	34
13	Modelling asymmetrically distributed circular data using the wrapped skew-normal distribution. Environmental and Ecological Statistics, 2006, 13, 257-269.	3.5	34
14	Inverse Batschelet Distributions for Circular Data. Biometrics, 2012, 68, 183-193.	1.4	34
15	The wrapped stable family of distributions as a flexible model for circular data. Computational Statistics and Data Analysis, 2008, 52, 1516-1523.	1.2	33
16	THE WRAPPED t FAMILY OF CIRCULAR DISTRIBUTIONS. Australian and New Zealand Journal of Statistics, 2007, 49, 79-91.	0.9	32
17	Improved Likelihood Based Inference for the General Half-Normal Distribution. Communications in Statistics - Theory and Methods, 2004, 33, 197-204.	1.0	30
18	Skew t distributions via the sinh-arcsinh transformation. Test, 2011, 20, 630-652.	1.1	28

#	Article	IF	Citations
19	A MÃ¶bius transformation-induced distribution on the torus. Biometrika, 2015, 102, 359-370.	2.4	26
20	On a class of circulas: copulas for circular distributions. Annals of the Institute of Statistical Mathematics, 2015, 67, 843-862.	0.8	26
21	Objective Bayesian Inference for the Half-Normal and Half-tDistributions. Communications in Statistics - Theory and Methods, 2008, 37, 3165-3185.	1.0	22
22	Symmetric Unimodal Models for Directional Data Motivated by Inverse Stereographic Projection. Journal of the Japan Statistical Society, 2010, 40, 045-061.	0.1	18
23	Testing for Circular Reflective Symmetry about a Known Median Axis. Journal of Applied Statistics, 2004, 31, 575-585.	1.3	13
24	Discrimination between the von Mises and wrapped normal distributions: just how big does the sample size have to be?. Statistics, 2005, 39, 81-89.	0.6	12
25	Extending circular distributions through transformation of argument. Annals of the Institute of Statistical Mathematics, 2013, 65, 833-858.	0.8	12
26	On Papakonstantinouâ€™s extension of the cardioid distribution. Statistics and Probability Letters, 2009, 79, 2138-2147.	0.7	10
27	Parametric bootstrap edf-based goodness-of-fit testing for sinhâ€“arcsinh distributions. Test, 2018, 27, 147-172.	1.1	10
28	Models for circular data from time series spectra. Journal of Time Series Analysis, 2020, 41, 808-829.	1.2	10
29	Symmetric circular models through duplication and cosine perturbation. Computational Statistics and Data Analysis, 2011, 55, 3271-3282.	1.2	9
30	Parametric bootstrap goodness-of-fit testing for Wehrlyâ€“Johnson bivariate circular distributions. Statistics and Computing, 2016, 26, 1307-1317.	1.5	9
31	An algorithm for the detection of surface-active Î± helices with the potential to anchor proteins at the membrane interface. Bioinformatics, 1997, 13, 99-106.	4.1	8
32	Some Observations on a Simple Means of Generating Skew Distributions. , 2006, , 75-84.		8
33	On an extension of the von Mises distribution due to Batschelet. Journal of Applied Statistics, 2011, 38, 1073-1085.	1.3	8
34	On Blestâ€™s Measure of Kurtosis Adjusted for Skewness. Communications in Statistics - Theory and Methods, 2015, 44, 3628-3638.	1.0	7
35	On optimal tests for circular reflective symmetry about an unknown central direction. Statistical Papers, 2021, 62, 1651-1674.	1.2	7
36	The large-sample distribution of the most fundamental of statistical summaries. Journal of Statistical Planning and Inference, 2005, 134, 434-444.	0.6	6

#	Article	IF	Citations
37	The sinh-arcsinhed logistic family of distributions: properties and inference. Annals of the Institute of Statistical Mathematics, 2015, 67, 573-594.	0.8	5
38	Two nested families of skew-symmetric circular distributions. Test, 2009, 18, 516-528.	1.1	3
39	The Sinh-Arcsinh Normal Distribution. Significance, 2019, 16, 6-7.	0.4	3
40	Rejoinder on: Recent advances in directional statistics. Test, 2021, 30, 76-82.	1.1	1
41	Distribution and clustering of rare codons in Escherichia coli genes. Biochemical Society Transactions, 1995, 23, 503S-503S.	3.4	0
42	Tractable circula densities from Fourier series. Test, 0, , 1.	1.1	0