

Arthur R Pewsey

List of Publications by Year in descending order

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42
papers

1,316
citations

331670

21
h-index

361022

35
g-index

46
all docs

46
docs citations

46
times ranked

1808
citing authors

#	ARTICLE	IF	CITATIONS
1	On optimal tests for circular reflective symmetry about an unknown central direction. <i>Statistical Papers</i> , 2021, 62, 1651-1674.	1.2	7
2	Recent advances in directional statistics. <i>Test</i> , 2021, 30, 1-58.	1.1	52
3	Rejoinder on: Recent advances in directional statistics. <i>Test</i> , 2021, 30, 76-82.	1.1	1
4	Models for circular data from time series spectra. <i>Journal of Time Series Analysis</i> , 2020, 41, 808-829.	1.2	10
5	The Sinh-Arcsinh Normal Distribution. <i>Significance</i> , 2019, 16, 6-7.	0.4	3
6	Parametric bootstrap edf-based goodness-of-fit testing for sinh-arsinh distributions. <i>Test</i> , 2018, 27, 147-172.	1.1	10
7	Parametric bootstrap goodness-of-fit testing for Wehrly's Johnson bivariate circular distributions. <i>Statistics and Computing</i> , 2016, 26, 1307-1317.	1.5	9
8	On Blest's Measure of Kurtosis Adjusted for Skewness. <i>Communications in Statistics - Theory and Methods</i> , 2015, 44, 3628-3638.	1.0	7
9	A Möbius transformation-induced distribution on the torus. <i>Biometrika</i> , 2015, 102, 359-370.	2.4	26
10	The sinh-arsinh logistic family of distributions: properties and inference. <i>Annals of the Institute of Statistical Mathematics</i> , 2015, 67, 573-594.	0.8	5
11	On a class of circular copulas for circular distributions. <i>Annals of the Institute of Statistical Mathematics</i> , 2015, 67, 843-862.	0.8	26
12	Extending circular distributions through transformation of argument. <i>Annals of the Institute of Statistical Mathematics</i> , 2013, 65, 833-858.	0.8	12
13	Inverse Batschelet Distributions for Circular Data. <i>Biometrics</i> , 2012, 68, 183-193.	1.4	34
14	Likelihood-based inference for power distributions. <i>Test</i> , 2012, 21, 775-789.	1.1	50
15	On an extension of the von Mises distribution due to Batschelet. <i>Journal of Applied Statistics</i> , 2011, 38, 1073-1085.	1.3	8
16	Skewness-Invariant Measures of Kurtosis. <i>American Statistician</i> , 2011, 65, 89-95.	1.6	35
17	Sine-skewed circular distributions. <i>Statistical Papers</i> , 2011, 52, 683-707.	1.2	72
18	Skew t distributions via the sinh-arsinh transformation. <i>Test</i> , 2011, 20, 630-652.	1.1	28

#	ARTICLE	IF	CITATIONS
19	Symmetric circular models through duplication and cosine perturbation. <i>Computational Statistics and Data Analysis</i> , 2011, 55, 3271-3282.	1.2	9
20	Symmetric Unimodal Models for Directional Data Motivated by Inverse Stereographic Projection. <i>Journal of the Japan Statistical Society</i> , 2010, 40, 045-061.	0.1	18
21	Two nested families of skew-symmetric circular distributions. <i>Test</i> , 2009, 18, 516-528.	1.1	3
22	On Papakonstantinou's extension of the cardioid distribution. <i>Statistics and Probability Letters</i> , 2009, 79, 2138-2147.	0.7	10
23	Sinh-arcsinh distributions. <i>Biometrika</i> , 2009, 96, 761-780.	2.4	199
24	The wrapped stable family of distributions as a flexible model for circular data. <i>Computational Statistics and Data Analysis</i> , 2008, 52, 1516-1523.	1.2	33
25	Objective Bayesian Inference for the Half-Normal and Half-t Distributions. <i>Communications in Statistics - Theory and Methods</i> , 2008, 37, 3165-3185.	1.0	22
26	Goodness-of-Fit Tests for the Skew-Normal Distribution When the Parameters Are Estimated from the Data. <i>Communications in Statistics - Theory and Methods</i> , 2007, 36, 1735-1755.	1.0	38
27	THE WRAPPED t FAMILY OF CIRCULAR DISTRIBUTIONS. <i>Australian and New Zealand Journal of Statistics</i> , 2007, 49, 79-91.	0.9	32
28	Modelling asymmetrically distributed circular data using the wrapped skew-normal distribution. <i>Environmental and Ecological Statistics</i> , 2006, 13, 257-269.	3.5	34
29	Some Observations on a Simple Means of Generating Skew Distributions. , 2006, , 75-84.		8
30	The large-sample distribution of the most fundamental of statistical summaries. <i>Journal of Statistical Planning and Inference</i> , 2005, 134, 434-444.	0.6	6
31	A Family of Symmetric Distributions on the Circle. <i>Journal of the American Statistical Association</i> , 2005, 100, 1422-1428.	3.1	90
32	Discrimination between the von Mises and wrapped normal distributions: just how big does the sample size have to be?. <i>Statistics</i> , 2005, 39, 81-89.	0.6	12
33	The large-sample joint distribution of key circular statistics. <i>Metrika</i> , 2004, 60, 25.	0.8	34
34	Testing for Circular Reflective Symmetry about a Known Median Axis. <i>Journal of Applied Statistics</i> , 2004, 31, 575-585.	1.3	13
35	Improved Likelihood Based Inference for the General Half-Normal Distribution. <i>Communications in Statistics - Theory and Methods</i> , 2004, 33, 197-204.	1.0	30
36	LARGE-SAMPLE INFERENCE FOR THE GENERAL HALF-NORMAL DISTRIBUTION. <i>Communications in Statistics - Theory and Methods</i> , 2002, 31, 1045-1054.	1.0	39

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37	Testing circular symmetry. Canadian Journal of Statistics, 2002, 30, 591-600.	0.9	54
38	The wrapped skew-normal distribution on the circle. Communications in Statistics - Theory and Methods, 2000, 29, 2459-2472.	1.0	56
39	Problems of inference for Azzalini's skewnormal distribution. Journal of Applied Statistics, 2000, 27, 859-870.	1.3	169
40	An algorithm for the detection of surface-active \hat{L}_{\pm} helices with the potential to anchor proteins at the membrane interface. Bioinformatics, 1997, 13, 99-106.	4.1	8
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