Donald B Percival

List of Publications by Year
in descending order

50 papers	5,174 citations	361413 20 h-index	315739 38 g-index
59 all docs	59 docs citations	59 times ranked	5210 citing authors

#	Article	IF	Citations
1	Introduction to Spectral Analysis. , 2020, , 1-20.		0
2	Deterministic Spectral Analysis. , 2020, , 47-106.		0
3	Foundations for Stochastic Spectral Analysis. , 2020, , 107-131.		0
4	Linear Time-Invariant Filters. , 2020, , 132-162.		0
5	Periodogram and Other Direct Spectral Estimators. , 2020, , 163-244.		0
6	Lag Window Spectral Estimators. , 2020, , 245-350.		0
7	Combining Direct Spectral Estimators. , 2020, , 351-444.		0
8	Parametric Spectral Estimators. , 2020, , 445-510.		0
9	Harmonic Analysis. , 2020, , 511-592.		0
10	Simulation of Time Series. , 2020, , 593-642.		0
11	Stationary Stochastic Processes. , 2020, , 21-46.		0
12	Evaluating the Effectiveness of DARTÂ® Buoy Networks Based on Forecast Accuracy. Pure and Applied Geophysics, 2018, 175, 1445-1471.	1.9	5
13	Exact simulation of noncircular or improper complex-valued stationary Gaussian processes using circulant embedding. , 2016, , .		4
14	A Wavelet Perspective on the Allan Variance. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2016, 63, 538-554.	3.0	16
15	Assessing characteristic scales using wavelets. Journal of the Royal Statistical Society Series C: Applied Statistics, 2015, 64, 377-393.	1.0	8
16	Detiding DARTÂ® Buoy Data for Real-Time Extraction of Source Coefficients for Operational Tsunami Forecasting. Pure and Applied Geophysics, 2015, 172, 1653-1678.	1.9	14
17	Automated Tsunami Source Modeling Using the Sweeping Window Positive Elastic Net. Journal of the American Statistical Association, 2014, 109, 491-499.	3.1	4
18	A wavelet-based multiscale ensemble time-scale algorithm. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2012, 59, 510-522.	3.0	5

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19	A Wavelet Variance Primer. Handbook of Statistics, 2012, 30, 623-657.	0.6	11
20	M-estimation of wavelet variance. Annals of the Institute of Statistical Mathematics, 2012, 64, 27-53.	0.8	9
21	Slepian Wavelet Variances for Regularly and Irregularly Sampled Time Series. Lecture Notes in Statistics, 2012, , 403-418.	0.2	2
22	Extraction of tsunami source coefficients via inversion of DART ^{circledR} buoy data. Natural Hazards, 2011, 58, 567-590.	3.4	70
23	Wavelet variance analysis for gappy time series. Annals of the Institute of Statistical Mathematics, 2010, 62, 943-966.	0.8	53
24	Using labeled data to evaluate change detectors in a multivariate streaming environment. Signal Processing, 2009, 89, 2529-2536.	3.7	27
25	Should structure functions be used to estimate power laws in turbulence? A comparative study. Physica D: Nonlinear Phenomena, 2008, 237, 665-677.	2.8	10
26	Ricean parameter estimation using phase information in low SNR environments. IEEE Communications Letters, 2008, 12, 244-246.	4.1	9
27	Depressed mood during the menopausal transition and early postmenopause. Menopause, 2008, 15, 223-232.	2.0	226
28	Characterizing the European Sub-Arctic Winter Climate since 1500 Using Ice, Temperature, and Atmospheric Circulation Time Series. Journal of Climate, 2007, 20, 5316-5334.	3.2	29
29	Hot flash severity in hormone therapy users/nonusers across the menopausal transition. Maturitas, 2007, 58, 191-200.	2.4	16
30	Fast and Exact Simulation of Large Gaussian Lattice Systems in â„2: Exploring the Limits. Journal of Computational and Graphical Statistics, 2006, 15, 483-501.	1.7	53
31	How representative is a time series derived from a firn core? A study at a low-accumulation site on the Antarctic plateau. Journal of Geophysical Research, 2006, 111, .	3.3	19
32	Regime shifts and red noise in the North Pacific. Deep-Sea Research Part I: Oceanographic Research Papers, 2006, 53, 582-588.	1.4	61
33	Exact simulation of complex-valued Gaussian stationary processes via circulant embedding. Signal Processing, 2006, 86, 1470-1476.	3.7	17
34	Exact simulation of Gaussian Time Series from Nonparametric Spectral Estimates with Application to Bootstrapping. Statistics and Computing, 2006, 16, 25-35.	1.5	57
35	Maximal Overlap Wavelet Statistical Analysis With Application to Atmospheric Turbulence. Boundary-Layer Meteorology, 2006, 119, 339-374.	2.3	142
36	Change in the Arctic influence on Bering Sea climate during the twentieth century. International Journal of Climatology, 2006, 26, 531-539.	3.5	13

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37	Spectral analysis of clock noise: a primer. Metrologia, 2006, 43, S299-S310.	1.2	6
38	â€œEyeballingâ€•Trends in Climate Time Series: A Cautionary Note. Journal of Climate, 2005, 18, 886-891.	3.2	37
39	Trend assessment in a long memory dependence model using the discrete wavelet transform. Environmetrics, 2004, 15, 313-335.	1.4	57
40	Seasonal and Regional Variation of Pan-Arctic Surface Air Temperature over the Instrumental Record*. Journal of Climate, 2004, 17, 3263-3282.	3.2	127
41	Stochastic models and statistical analysis for clock noise. Metrologia, 2003, 40, S289-S304.	1.2	22
42	Interpretation of North Pacific Variability as a Short- and Long-Memory Process*. Journal of Climate, 2001, 14, 4545-4559.	3.2	75
43	Multiscale detection and location of multiple variance changes in the presence of long memory. Journal of Statistical Computation and Simulation, 2000, 68, 65-87.	1.2	43
44	Wavelet analysis of covariance with application to atmospheric time series. Journal of Geophysical Research, 2000, 105, 14941-14962.	3.3	258
45	Analysis of Subtidal Coastal Sea Level Fluctuations Using Wavelets. Journal of the American Statistical Association, 1997, 92, 868-880.	3.1	211
46	Evaluating scaled windowed variance methods for estimating the Hurst coefficient of time series. Physica A: Statistical Mechanics and Its Applications, 1997, 241, 606-626.	2.6	182
47	Analyzing exact fractal time series: evaluating dispersional analysis and rescaled range methods. Physica A: Statistical Mechanics and Its Applications, 1997, 246, 609-632.	2.6	128
48	Statistics for Long-Memory Processes.. Journal of the American Statistical Association, 1996, 91, 1378.	3.1	1
49	Three Curious Properties of the Sample Variance and Autocovariance for Stationary Processes with Unknown Mean. American Statistician, 1993, 47, 274.	1.6	16
50	The U. S. Naval Observatory Clock Time Scales. IEEE Transactions on Instrumentation and Measurement, 1978, 27, 376-385.	4.7	32