Alberto LuceÃ±o

List of Publications by Year
in descending order

67 papers	1,437 citations	331670 21 h-index	361022 35 g-index
85 all docs	85 docs citations	85 times ranked	1037 citing authors

#	Article	IF	Citations
1	An extreme value model for maximum wave heights based on weather types. Journal of Geophysical Research: Oceans, 2016, 121, 1262-1273.	2.6	26
2	Regression Models for Outlier Identification (Hurricanes and Typhoons) in Wave Hindcast Databases. Journal of Atmospheric and Oceanic Technology, 2012, 29, 267-285.	1.3	23
3	Extreme wave climate variability in southern Europe using satellite data. Journal of Geophysical Research, 2010, 115, .	3.3	70
4	The influence of seasonality on estimating return values of significant wave height. Coastal Engineering, 2009, 56, 211-219.	4.0	79
5	Seasonality and duration in extreme value distributions of significant wave height. Ocean Engineering, 2008, 35, 131-138.	4.3	64
6	Maximum likelihood*vs*. maximum goodness of fit estimation of the three-parameter Weibull distribution. Journal of Statistical Computation and Simulation, 2008, 78, 941-949.	1.2	7
7	COMPOSITION FUNCTIONALS IN CALCULUS OF VARIATIONS: APPLICATION TO PRODUCTS AND QUOTIENTS. Mathematical Models and Methods in Applied Sciences, 2008, 18, 47-75.	3.3	15
8	A Universal QQ-Plot for Continuous Non-homogeneous Populations. Journal of Applied Statistics, 2007, 34, 1207-1223.	1.3	1
9	Analyzing Monthly Extreme Sea Levels with a Time-Dependent GEV Model. Journal of Atmospheric and Oceanic Technology, 2007, 24, 894-911.	1.3	100
10	AN EXTREME VALUE MODEL FOR WAVE CLIMATE CONSIDERING DURATION AND SEASONALITY. , 2007, , .		0
11	Estimation of the long-term variability of extreme significant wave height using a time-dependent Peak Over Threshold (POT) model. Journal of Geophysical Research, 2006, 111, .	3.3	146
12	The effect of temporal dependence on the estimation of the frequency of extreme ocean climate events. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2006, 462, 1683-1697.	2.1	22
13	The random intrinsic fast initial response of one-sided CUSUM charts. Journal of Applied Statistics, 2006, 33, 189-201.	1.3	3
14	Fitting the generalized Pareto distribution to data using maximum goodness-of-fit estimators. Computational Statistics and Data Analysis, 2006, 51, 904-917.	1.2	112
15	The random intrinsic fast initial response of two-sided CUSUM charts. Test, 2006, 15, 505-524.	1.1	1
16	Recursive characterization of a large family of discrete probability distributions showing extra-Poisson variation. Statistics, 2005, 39, 261-267.	0.6	4
17	Cuscore Charts to Detect Level Shifts in Autocorrelated Noise. Quality Technology and Quantitative Management, 2004, 1, 27-45.	1.9	17
18	Dead band adjustment charts with asymmetric off-target costs, deterministic process drift and delayed dynamics. Journal of the Royal Statistical Society: Series D (the Statistician), 2003, 52, 501-514.	0.2	2

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19	Ch. 19. Dead-band adjustment schemes for on-line feedback quality control. Handbook of Statistics, 2003, , 695-727.	0.6	2
20	Feedforward as a supplement to feedback adjustment in allowing for feedstock changes. Journal of Applied Statistics, 2002, 29, 1241-1254.	1.3	10
21	Computing the Run Length Probability Distribution for CUSUM Charts. Journal of Quality Technology, 2002, 34, 209-215.	2.5	15
22	An accurate algorithm to compute the run length probability distribution, and its convolutions, for a Cusum chart to control normal mean. Computational Statistics and Data Analysis, 2002, 38, 249-261.	1.2	10
23	CHECKING STATIONARITY AND INVERTIBILITY IN TIME SERIES MODELSâ€"FINDING THE INVERTIBLE FORM IN THE VECTOR CASE. Communications in Statistics Part B: Simulation and Computation, 2001, 30, 531-546.	1.2	0
24	Effects of Adjustment Errors on Discrete Feed-back Dead Band Control Schemes. Journal of the Royal Statistical Society: Series D (the Statistician), 2001, 50, 169-177.	0.2	1
25	SELECTION OF SAMPLE SIZE FOR DISCRETE FEEDBACK DEAD-BAND CONTROL SCHEMES. Communications in Statistics - Theory and Methods, 2001, 30, 679-689.	1.0	1
26	Minimum cost dead band adjustment schemes under tool-wear effects and delayed dynamics. Statistics and Probability Letters, 2000, 50, 165-178.	0.7	9
27	Evaluation of the Run-Length Probability Distribution for CUSUM Charts: Assessing Chart Performance. Technometrics, 2000, 42, 411-416.	1.9	33
28	Quality Quandariesâ€":SIX SIGMA, PROCESS DRIFT, CAPABILITY INDICES, AND FEEDBACK ADJUSTMENTâ€. Quality Engineering, 2000, 12, 297-302.	1.1	14
29	On time-irreversibility and other non-linear features in time series. Communications in Statistics Part B: Simulation and Computation, 2000, 29, 295-313.	1.2	2
30	Evaluation of the Run-Length Probability Distribution for CUSUM Charts: Assessing Chart Performance. Technometrics, 2000, 42, 411.	1.9	24
31	Intra-Cluster Correlation in the Normal Model. Statistics, 1999, 33, 119-128.	0.6	0
32	Discrete approximations to continuous univariate distributions-an alternative to simulation. Journal of the Royal Statistical Society Series B: Statistical Methodology, 1999, 61, 345-352.	2.2	19
33	Analytical expressions for the average adjustment interval and mean squared deviation for bounded adjustment schemes. Communications in Statistics Part B: Simulation and Computation, 1999, 28, 623-635.	1.2	3
34	Average run lengths and run length probability distributions for cuscore charts to control normal mean. Computational Statistics and Data Analysis, 1999, 32, 177-195.	1.2	26
35	Effects of Dynamics on the Properties of Feedback Adjustment Schemes With Dead Band. Technometrics, 1999, 41, 142-152.	1.9	9
36	Effects of Dynamics on the Properties of Feedback Adjustment Schemes with Dead Band. Technometrics, 1999, 41, 142.	1.9	4

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37	Detecting possibly non-consecutive outliers in industrial time series. Journal of the Royal Statistical Society Series B: Statistical Methodology, 1998, 60, 295-310.	2.2	20
38	Multiple outliers detection through reweighted least deviances. Computational Statistics and Data Analysis, 1998, 26, 313-326.	1.2	5
39	Performance of Discrete Feedback Adjustment Schemes With Dead Band, Under Stationary Versus Nonstationary Stochastic Disturbance. Technometrics, 1998, 40, 223-233.	1.9	19
40	Performance of Discrete Feedback Adjustment Schemes with Dead Band, under Stationary versus Nonstationary Stochastic Disturbance. Technometrics, 1998, 40, 223.	1.9	30
41	Miscellanea. Estimation of missing values in possible partially nonstationary vector time series. Biometrika, 1997, 84, 495-499.	2.4	20
42	Parameter estimation with closed-loop operating data under time varying discrete proportional-integral control. Communications in Statistics Part B: Simulation and Computation, 1997, 26, 215-232.	1.2	4
43	Further Evidence Supporting the Numerical Usefulness of Characteristic Functions. American Statistician, 1997, 51, 233-234.	1.6	3
44	Further Evidence Supporting the Numerical Usefulness of Characteristic Functions. American Statistician, 1997, 51, 233.	1.6	3
45	Discrete Proportional-Integral Adjustment and Statistical Process Control. Journal of Quality Technology, 1997, 29, 248-260.	2.5	47
46	Maximum trimmed likelihood estimators: a unified approach, examples, and algorithms. Computational Statistics and Data Analysis, 1997, 25, 251-272.	1.2	70
47	A generalized Erlang distribution showing overdispersion. Statistics and Probability Letters, 1996, 28, 375-386.	0.7	3
48	A process capability index with reliable confidence intervals. Communications in Statistics Part B: Simulation and Computation, 1996, 25, 235-245.	1.2	28
49	Computing optimal adjustment schemes for the general tool-wear problem. Journal of Statistical Computation and Simulation, 1996, 54, 87-113.	1.2	18
50	A fast likelihood approximation for vector general linear processes with long series: application to fractional differencing. Biometrika, 1996, 83, 603-614.	2.4	17
51	Discrete Proportional-Integral Control with Constrained Adjustment. Journal of the Royal Statistical Society: Series D (the Statistician), 1995, 44, 479.	0.2	21
52	A family of partially correlated Poisson models for overdispersion. Computational Statistics and Data Analysis, 1995, 20, 511-520.	1.2	23
53	Choosing the EWMA Parameter in Engineering Process Control. Journal of Quality Technology, 1995, 27, 162-168.	2.5	25
54	Describing extra-binomial variation with partially correlated models. Communications in Statistics - Theory and Methods, 1995, 24, 1637-1653.	1.0	14

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55	A fast algorithm for the exact likelihood of stationary and partially nonstationary vector autoregressive-moving average processes. Biometrika, 1994, 81, 555-565.	2.4	23
56	speed of covergence to the extreme value distributions on their probability ploting parers. Communications in Statistics Part B: Simulation and Computation, 1994, 23, 529-545.	1.2	1
57	Fast optimization of the exact likelihood of AR and ARMA processes. Computational Statistics and Data Analysis, 1994, 17, 51-63.	1.2	9
58	Selection of Sampling Interval and Action Limit for Discrete Feedback Adjustment. Technometrics, 1994, 36, 369-378.	1.9	28
59	Selection of Sampling Interval and Action Limit for Discrete Feedback Adjustment. Technometrics, 1994, 36, 369.	1.9	12
60	A Fast Algorithm for the Repeated Evaluation of the Likelihood of a General Linear Process for Long Series. Journal of the American Statistical Association, 1993, 88, 229.	3.1	3
61	A Fast Algorithm for the Repeated Evaluation of the Likelihood of a General Linear Process for Long Series. Journal of the American Statistical Association, 1993, 88, 229-236.	3.1	8
62	Performance of ewma versus last observation for feedback control. Communications in Statistics - Theory and Methods, 1992, 22, 241-255.	1.0	10
63	A new family of probability distributions with applications to data analysis. Communications in Statistics - Theory and Methods, 1992, 21, 391-409.	1.0	1
64	A dependent fatigue lifetime model. Communications in Statistics - Theory and Methods, 1987, 16, 1181-1193.	1.0	4
65	Variational Methods and Upper Bound Theorem. Journal of Engineering Mechanics - ASCE, 1983, 109, 1157-1174.	2.9	5
66	A critical analysis of some variational methods in slope stability analysis. International Journal for Numerical and Analytical Methods in Geomechanics, 1982, 6, 195-209.	3.3	25
67	Discussion: Application of the calculus of variations to the vertical cut off in cohesive frictionless soil. Geotechnique, 1981, 31, 295-296.	4.0	1