Georg Lindgren

List of Publications by Year
in descending order

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56 papers	3,478 citations	430754 18 h-index	175177 52 g-index
58 all docs	58 docs citations	58 times ranked	1612 citing authors

#	Article	IF	Citations
1	The relation between wave asymmetry and particle orbits analysed by Slepian models. Journal of Fluid Mechanics, 2021, 924, .	1.4	1
2	Wave asymmetry and particle orbits in irregular wave models. Journal of Fluid Mechanics, 2020, 905, .	1.4	1
3	Why Distinguish Between Statistics and Mathematical Statisticsâ€"The Case of Swedish Academia. International Statistical Review, 2019, 87, 110-126.	1.1	1
4	Gaussian Integrals and Rice Series in Crossing Distributionsâ€"to Compute the Distribution of Maxima and Other Features of Gaussian Processes. Statistical Science, 2019, 34, .	1.6	6
5	Horseshoe-like patterns in first-order 3D random Gauss-Lagrange waves with directional spreading. Waves in Random and Complex Media, 2015, 25, 729-745.	1.6	2
6	A detailed statistical representation of the local structure of optical vortices in random wavefields. Journal of Optics (United Kingdom), 2012, 14, 035704.	1.0	3
7	Stochastic Asymmetry Properties of 3D Gauss-Lagrange Ocean Waves with Directional Spreading. Stochastic Models, 2011, 27, 490-520.	0.3	12
8	Level Crossing Prediction with Neural Networks. Methodology and Computing in Applied Probability, 2010, 12, 623-645.	0.7	5
9	First Order Stochastic Lagrange Model for Asymmetric Ocean Waves. Journal of Offshore Mechanics and Arctic Engineering, 2009, 131, .	0.6	16
10	Exact asymmetric slope distributions in stochastic Gaussâ€"Lagrange ocean waves. Applied Ocean Research, 2009, 31, 65-73.	1.8	13
11	Karl Pearson and the Scandinavian School of Statistics. International Statistical Review, 2009, 77, 64-71.	1.1	7
12	Height distribution of stochastic Lagrange ocean waves. Probabilistic Engineering Mechanics, 2008, 23, 359-363.	1.3	20
13	Slepian models for the stochastic shape of individual Lagrange sea waves. Advances in Applied Probability, 2006, 38, 430-450.	0.4	18
14	Slepian models for the stochastic shape of individual Lagrange sea waves. Advances in Applied Probability, 2006, 38, 430-450.	0.4	17
15	Cycle Range Distributions for Gaussian Processes Exact and Approximative Results. Extremes, 2004, 7, 69-89.	0.5	11
16	Frequency Properties of the Rainflow Filterâ€"Some Examples in Oceanography. , 2002, , 357.		1
17	TRANSFER-FUNCTION APPROXIMATIONS OF THE RAINFLOW FILTER. Mechanical Systems and Signal Processing, 2002, 16, 979-989.	4.4	5
18	Wave analysis by Slepian models. Probabilistic Engineering Mechanics, 2000, 15, 49-57.	1.3	5

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19	Perimetric probability maps to separate change caused by glaucoma from that caused by cataract. Acta Ophthalmologica, 1997, 75, 184-188.	0.4	83
20	Markov based correlations of damage cycles in Gaussian and non-Gaussian loads. Probabilistic Engineering Mechanics, 1995, 10, 103-115.	1.3	11
21	How Reliable Are Contour Curves? Confidence Sets for Level Contours. Bernoulli, 1995, 1, 301.	0.7	21
22	Clicks in Zero-Crossing-Detecting FM Receivers: Theory and Experiments. Probability in the Engineering and Informational Sciences, 1994, 8, 265-285.	0.6	0
23	RECURSIVE ESTIMATION IN SWITCHING AUTOREGRESSIONS WITH A MARKOV REGIME. Journal of Time Series Analysis, 1994, 15, 489-506.	0.7	56
24	CROSSREG â€" A Technique for First Passage and Wave Density Analysis. Probability in the Engineering and Informational Sciences, 1993, 7, 125-148.	0.6	17
25	On weighted visual field indices. Graefe's Archive for Clinical and Experimental Ophthalmology, 1992, 230, 397-398.	1.0	7
26	Slepian Models and Regression Approximations in Crossing and Extreme Value Theory. International Statistical Review, 1991, 59, 195.	1.1	54
27	ALARM CHARACTERISTICS FOR A FLOOD WARNING SYSTEM WITH DETERMINISTIC COMPONENTS. Journal of Time Series Analysis, 1990, 11, 1-18.	0.7	8
28	Test-Retest Variability in Glaucomatous Visual Fields: Reply. American Journal of Ophthalmology, 1990, 109, 110-111.	1.7	2
29	Slepian models for X 2-processes with dependent components with application to envelope upcrossings. Journal of Applied Probability, 1989, 26, 36-49.	0.4	10
30	Slepian models for X2-processes with dependent components with application to envelope upcrossings. Journal of Applied Probability, 1989, 26, 36-49.	0.4	31
31	Statistical evaluation of cell kinetic data from DNA flow cytometry (FCM) by the EM algorithm. Cytometry, 1989, 10, 695-705.	1.8	95
32	Test-Retest Variability in Glaucomatous Visual Fields. American Journal of Ophthalmology, 1989, 108, 130-135.	1.7	383
33	Preeruptive effect of NaF tablets on caries in children from 12 to 17 years of age. Community Dentistry and Oral Epidemiology, 1986, 14, 1-4.	0.9	11
34	Optimal Prediction of Level Crossings in Gaussian Processes and Sequences. Annals of Probability, 1985, 13, 804.	0.8	29
35	Model for the study of the preeruptive effect of NaF tablets on caries in permanent teeth. Community Dentistry and Oral Epidemiology, 1985, 13, 86-92.	0.9	8
36	The Use of Slepian Model Processes in Crossing and Extreme Value Theory. , 1985, , 53-58.		0

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37	A note on the extremal properties of the morison equation. Ocean Engineering, 1984, 11, 543-548.	1.9	6
38	Extremal ranks and transformation of variables for extremes of functions of multivariate Gaussian processes. Stochastic Processes and Their Applications, 1984, 17, 285-312.	0.4	19
39	Extremes and Related Properties of Random Sequences and Processes. Springer Series in Statistics, 1983, , .	0.9	2,051
40	Wave characteristic distributions for Gaussian wavesâ€"Wave-length, amplitude and steepness. Ocean Engineering, 1982, 9, 411-432.	1.9	65
41	Point processes of exits by bivariate Gaussian processes and extremal theory for the Ï‡2-process and its concomitants. Journal of Multivariate Analysis, 1980, 10, 181-206.	0.5	26
42	Extreme values and crossings for the X2-Process and Other Functions of Multidimensional Gaussian Processes, by Reliability Applications. Advances in Applied Probability, 1980, 12, 746-774.	0.4	63
43	Frequency estimation from crossings of an unknown level. Biometrika, 1980, 67, 65-72.	1.3	8
44	Prediction of level crossings for normal processes containing deterministic components. Advances in Applied Probability, 1979, 11, 93-117.	0.4	13
45	Prediction of level crossings for processes containing non-ergodic components. Advances in Applied Probability, 1978, 10, 290-291.	0.4	0
46	Functional limits of empirical distributions in crossing theory. Stochastic Processes and Their Applications, 1977, 5, 143-149.	0.4	15
47	Weak Convergence of High Level Crossings and Maxima for One or More Gaussian Processes. Annals of Probability, 1975, 3, .	0.8	13
48	Spectral moment estimation by means of level crossings. Biometrika, 1974, 61, 401-418.	1.3	43
49	Spectral Moment Estimation by Means of Level Crossings. Biometrika, 1974, 61, 401.	1.3	5
50	A Note on the Asymptotic Independence of High Level Crossings for Dependent Gaussian Processes. Annals of Probability, 1974, 2, .	0.8	13
51	Discrete wave-analysis of continuous stochastic processes. Stochastic Processes and Their Applications, 1973, 1, 83-105.	0.4	7
52	Wave-length and amplitude in Gaussian noise. Advances in Applied Probability, 1972, 4, 81-108.	0.4	38
53	Wave-length and amplitude in Gaussian noise. Advances in Applied Probability, 1972, 4, 81-108.	0.4	16
54	Wave-length and amplitude for a stationary Gaussian process after a high maximum. Zeitschrift FÃ¼r Wahrscheinlichkeitstheorie Und Verwandte Gebiete, 1972, 23, 293-326.	0.8	13

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55	Local maxima of Gaussian fields. Arkiv for Matematik, 1972, 10, 195-218.	0.2	77
56	Extreme values of stationary normal processes. Zeitschrift FÃ¼r Wahrscheinlichkeitstheorie Und Verwandte Gebiete, 1971, 17, 39-47.	0.8	17