Loren Cobb

List of Publications by Year
in descending order

17 papers	**856** citations	**11** h-index
19 all docs	**19** docs citations	**19** times ranked

840776

1125743

13 g-index

377 citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation and Moment Recursion Relations for Multimodal Distributions of the Exponential Family. Journal of the American Statistical Association, 1983, 78, 124-130.	3.1	166
2	Stochastic catastrophe models and multimodal distributions. Systems Research and Behavioral Science, 1978, 23, 360-374.	0.2	140
3	Parameter estimation for the cusp catastrophe model. Systems Research and Behavioral Science, 1981, 26, 75-78.	0.2	116
4	Applications of Catastrophe Theory for Statistical Modeling in the Biosciences. Journal of the American Statistical Association, 1985, 80, 793-802.	3.1	106
5	On the convergence of the ensemble Kalman filter. Applications of Mathematics, 2011, 56, 533-541.	0.9	87
6	Statistical catastrophe theory: An overview. Mathematical Modelling, 1980, 1, 311-317.	0.2	74
7	Estimation and Moment Recursion Relations for Multimodal Distributions of the Exponential Family. Journal of the American Statistical Association, 1983, 78, 124.	3.1	56
8	Study of discontinuities in hydrological data using catastrophe theory. Hydrological Sciences Journal, 2010, 55, 1137-1151.	2.6	22
9	Applications of Catastrophe Theory for Statistical Modeling in the Biosciences. Journal of the American Statistical Association, 1985, 80, 793.	3.1	22
10	Data driven computing by the morphing fast Fourier transform ensemble Kalman filter in epidemic spread simulations. Procedia Computer Science, 2010, 1, 1221-1229.	2.0	21
11	Power analysis of statistical methods for comparing treatment differences from limiting dilution assays. In Vitro Cellular & Developmental Biology, 1989, 25, 69-75.	1.0	11
12	Comparison of statistical methods for the analysis of limiting dilution assays. In Vitro Cellular & Developmental Biology, 1989, 25, 76-81.	1.0	10
13	Bayesian tracking of emerging epidemics using ensemble optimal statistical interpolation. Spatial and Spatio-temporal Epidemiology, 2014, 10, 39-48.	1.7	10
14	The Multimodal Exponential Families of Statistical Catastrophe Theory. , 1981, , 67-90.		10
15	Wavelet ensemble Kalman filters. , 2011, , .		5
16	The stationary moments of Poisson-driven non-linear dynamical systems. Journal of Applied Probability, 1982, 19, 702-706.	0.7	0
17	The stationary moments of Poisson-driven non-linear dynamical systems. Journal of Applied Probability, 1982, 19, 702-706.	0.7	0