Loren Cobb

List of Publications by Year
in descending order

17 papers	**856** citations	840776 **11** h-index	1125743 **13** g-index
19 all docs	**19** docs citations	**19** times ranked	**377** citing authors

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