Valerie Isham

List of Publications by Year
in descending order

36	1,229	430874 18	377865 34
papers	citations	h-index	g-index

38	38	38	1179
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Commentary on the use of the reproduction number *R* during the COVID-19 pandemic. Statistical Methods in Medical Research, 2022, 31, 1675-1685.	1.5	18
2	Modelling: Understanding pandemics and how to control them. Epidemics, 2022, 39, 100588.	3.0	8
3	Contribution to the discussion of AIDS and Covidâ€19: A tale of two pandemics and the role of statisticians by Ellenberg and Morris. Statistics in Medicine, 2021, 40, 2518-2520.	1.6	1
4	Challenges on the interaction of models and policy for pandemic control. Epidemics, 2021, 37, 100499.	3.0	9
5	Key questions for modelling COVID-19 exit strategies. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201405.	2.6	106
6	Analysing Interrupted Time Series with a Control. Epidemiologic Methods, 2019, 8, .	0.9	45
7	Seven challenges for modelling indirect transmission: Vector-borne diseases, macroparasites and neglected tropical diseases. Epidemics, 2015, 10, 16-20.	3.0	43
8	Point process models for fine-resolution rainfall. Hydrological Sciences Journal, 2014, 59, 1972-1991.	2.6	48
9	The evolving Society: united we stand. Journal of the Royal Statistical Society Series A: Statistics in Society, 2012, 175, 315-335.	1.1	5
10	Spread of information and infection on finite random networks. Physical Review E, 2011, 83, 046128.	2.1	28
11	Stochastic epidemics and rumours on finite random networks. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 561-576.	2.6	86
12	Spatial Point Process Models. Chapman & Hall/CRC Interdisciplinary Statistics Series, 2010, , 283-298.	0.4	4
13	Point process models of rainfall: developments for fine-scale structure. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2007, 463, 2569-2587.	2.1	72
14	Population biology of multispecies helminth infection: Competition and coexistence. Journal of Theoretical Biology, 2007, 244, 81-95.	1.7	13
15	An Analysis of Daily Maximum Wind Speed in Northwestern Europe Using Generalized Linear Models. Journal of Climate, 2002, 15, 2073-2088.	3.2	76
16	A study of the role of the transmission mechanism in macroparasite aggregation. Journal of Applied Probability, 2001, 38, 249-262.	0.7	1
17	Stochastic host-parasite interaction models. Journal of Mathematical Biology, 2000, 40, 343-371.	1.9	31
18	Anthelmintic resistance revisited: under-dosing, chemoprophylactic strategies, and mating probabilities. International Journal for Parasitology, 1999, 29, 77-91.	3.1	105

#	Article	IF	Citations
19	Spatiotemporal storm structure and scaling property analysis for modeling. Journal of Geophysical Research, 1996, 101, 26415-26425.	3.3	25
20	Stochastic Models of Host-Macroparasite Interaction. Annals of Applied Probability, 1995, 5, .	1.3	57
21	Note on the analytical expression of the inter-event time characteristics for Bartlett-Lewis type rainfall models. Journal of Hydrology, 1994, 157, 197-210.	5.4	15
22	Stochastic Models for Epidemics with Special Reference to AIDS. Annals of Applied Probability, 1993, 3, .	1.3	25
23	Mathematical modelling of the transmission dynamics of HIV infection and AIDS: a review. Mathematical and Computer Modelling, 1989, 12, 1187.	2.0	2
24	Mathematical Modelling of the Transmission Dynamics of HIV Infection and AIDS: A Review. Journal of the Royal Statistical Society Series A: Statistics in Society, 1988, 151, 5.	1.1	131
25	The virtual waiting-time and related processes. Advances in Applied Probability, 1986, 18, 558-573.	0.7	40
26	A Bivariate Spatial Point Pattern of Ants' Nests. Journal of the Royal Statistical Society Series C: Applied Statistics, 1983, 32, 293.	1.0	57
27	An Introduction to Spatial Point Processes and Markov Random Fields. International Statistical Review, 1981, 49, 21.	1.9	57
28	Dependent thinning of point processes. Journal of Applied Probability, 1980, 17, 987-995.	0.7	16
29	A self-correcting point process. Stochastic Processes and Their Applications, 1979, 8, 335-347.	0.9	79
30	A Markov construction for a multidimensional point process. Journal of Applied Probability, 1977, 14, 507-515.	0.7	4
31	A Markov construction for a multidimensional point process. Journal of Applied Probability, 1977, 14, 507-515.	0.7	4
32	Constructions for planar point processes using concentric circles. Stochastic Processes and Their Applications, 1977, 5, 131-141.	0.9	4
33	A characterization of the Poisson process using forward recurrence times. Mathematical Proceedings of the Cambridge Philosophical Society, 1975, 78, 513-516.	0.4	8
34	On a point process with independent locations. Journal of Applied Probability, 1975, 12, 435-446.	0.7	2
35	On a point process with independent locations. Journal of Applied Probability, 1975, 12, 435-446.	0.7	3
36	The effect of intermittent exposure to risk on failure time distributions. Journal of Applied Probability, 1974, 11, 310-319.	0.7	1