Michael Woodroofe

List of Publications by Year
in descending order

66 papers	2,680 citations	279798 23 h-index	214800 47 g-index
70 all docs	70 docs citations	70 times ranked	1450 citing authors

#	Article	IF	Citations
1	Estimating a Distribution Function with Truncated Data. Annals of Statistics, 1985, 13, 163.	2.6	415
2	Velocity Dispersion Profiles of Seven Dwarf Spheroidal Galaxies. Astrophysical Journal, 2007, 667, L53-L56.	4.5	252
3	Internal Kinematics of the Fornax Dwarf Spheroidal Galaxy. Astronomical Journal, 2006, 131, 2114-2139.	4.7	186
4	Central limit theorems for additive functionals of Markov chains. Annals of Probability, 2000, 28, .	1.8	148
5	CLEAN KINEMATIC SAMPLES IN DWARF SPHEROIDALS: AN ALGORITHM FOR EVALUATING MEMBERSHIP AND ESTIMATING DISTRIBUTION PARAMETERS WHEN CONTAMINATION IS PRESENT. Astronomical Journal, 2009, 137, 3109-3138.	4.7	105
6	On the degrees of freedom in shape-restricted regression. Annals of Statistics, 2000, 28, 1083.	2.6	102
7	Martingale approximations for sums of stationary processes. Annals of Probability, 2004, 32, .	1.8	75
8	On Kinematic Substructure in the Sextans Dwarf Spheroidal Galaxy. Astrophysical Journal, 2006, 642, L41-L44.	4.5	64
9	A Renewal Theorem for Curved Boundaries and Moments of First Passage Times. Annals of Probability, 1976, 4, 67.	1.8	61
10	A One-Armed Bandit Problem with a Concomitant Variable. Journal of the American Statistical Association, 1979, 74, 799-806.	3.1	59
11	Asymptotic Expansions for the Moments of a Randomly Stopped Average. Annals of Statistics, 1993, 21, 503.	2.6	48
12	Very Weak Expansions for Sequential Confidence Levels. Annals of Statistics, 1986, 14, .	2.6	48
13	On the Maximum Deviation of the Sample Density. Annals of Mathematical Statistics, 1967, 38, 475-481.	0.5	46
14	Frequentist properties of Bayesian sequential tests. Biometrika, 1976, 63, 101-110.	2.4	44
15	Repeated likelihood ratio tests. Biometrika, 1979, 66, 453-463.	2.4	39
16	Very Weak Expansions for Sequentially Designed Experiments: Linear Models. Annals of Statistics, 1989, 17, 1087.	2.6	39
17	Stronger Forms of Zipf's Law. Journal of the American Statistical Association, 1975, 70, 212-219.	3.1	33
18	Law of the iterated logarithm for stationary processes. Annals of Probability, 2008, 36, .	1.8	32

#	Article	IF	Citations
19	The Michigan/MIKE Fiber System Survey of Stellar Radial Velocities in Dwarf Spheroidal Galaxies: Acquisition and Reduction of Data. Astrophysical Journal, Supplement Series, 2007, 171, 389-418.	7.7	31
20	A central limit theorem for functions of a Markov chain with applications to shifts. Stochastic Processes and Their Applications, 1992, 41, 33-44.	0.9	30
21	Asymptotic Expansions in Boundary Crossing Problems. Annals of Probability, 1987, 15, 102.	1.8	26
22	Estimating Dark Matter Distributions. Astrophysical Journal, 2005, 626, 145-158.	4.5	26
23	A central limit theorem for iterated random functions. Journal of Applied Probability, 2000, 37, 748-755.	0.7	24
24	Adaptive smoothing for a penalized NPMLE of a non-increasing density. Journal of Statistical Planning and Inference, 1996, 52, 143-159.	0.6	22
25	Asymptotic Local Minimaxity in Sequential Point Estimation. Annals of Statistics, 1985, 13, 676.	2.6	20
26	On martingale approximations. Annals of Applied Probability, 2008, 18, .	1.3	20
27	Credible and confidence sets for restricted parameter spaces. Journal of Statistical Planning and Inference, 2003, 115, 479-490.	0.6	19
28	Sequential Allocation for an Estimation Problem with Ethical Costs. Annals of Statistics, 1990, 18, 1358.	2.6	17
29	On Zipf's law. Journal of Applied Probability, 1975, 12, 425-434.	0.7	16
30	Nonparametric estimation and consistency for renewal processes. Journal of Statistical Planning and Inference, 1996, 53, 171-195.	0.6	14
31	Consistent maximum likelihood estimation of a unimodal density using shape restrictions. Canadian Journal of Statistics, 2004, 32, 85-100.	0.9	12
32	Stronger Forms of Zipf's Law. Journal of the American Statistical Association, 1975, 70, 212.	3.1	12
33	Singh's theorem in the lattice case. Statistics and Probability Letters, 1988, 7, 201-205.	0.7	11
34	On the Distance Between Cumulative Sum Diagram and Its Greatest Convex Minorant for Unequally Spaced Design Points. Scandinavian Journal of Statistics, 2006, 33, 279-291.	1.4	9
35	On Zipf's law. Journal of Applied Probability, 1975, 12, 425-434.	0.7	8
36	On stopping times and stochastic monotonicity. Sequential Analysis, 1990, 9, 335-342.	0.5	8

#	Article	IF	Citations
37	The problem of low counts in a signal plus noise model. Annals of Statistics, 2000, 28, 1561.	2.6	8
38	CORRECTED CONFIDENCE SETS FOR SEQUENTIALLY DESIGNED EXPERIMENTS: EXAMPLES1*. Sequential Analysis, 2002, 21, 191-218.	0.5	8
39	Streaming motion in Leo I. Annals of Applied Statistics, 2009, 3, .	1.1	8
40	Asymptotic expansions in non-linear renewal theory. Communications in Statistics - Theory and Methods, 1981, 10, 2113-2135.	1.0	7
41	A Central Limit Theorem for Reversible Processes with Nonlinear Growth of Variance. Journal of Applied Probability, 2010, 47, 1195-1202.	0.7	7
42	A One-Armed Bandit Problem with a Concomitant Variable. Journal of the American Statistical Association, 1979, 74, 799.	3.1	7
43	Confidence intervals with fixed proportional accuracy. Journal of Statistical Planning and Inference, 1986, 15, 131-146.	0.6	6
44	A uniform renewal theorem. Sequential Analysis, 1996, 15, 21-36.	0.5	6
45	Isotonic estimation for grouped data. Statistics and Probability Letters, 1999, 45, 41-47.	0.7	6
46	Testing for a Change in the Hazard Rate with Staggered Entry. Communications in Statistics - Theory and Methods, 2004, 33, 2041-2058.	1.0	6
47	CENTRAL LIMIT THEOREMS FOR SUPERLINEAR PROCESSES. Stochastics and Dynamics, 2011, 11, 71-80.	1.2	6
48	Quenched central limit theorems for sums of stationary processes. Statistics and Probability Letters, 2014, 85, 161-167.	0.7	6
49	On the weak convergence of stochastic processes without discontinuities of the second kind. Zeitschrift Fã¼r Wahrscheinlichkeitstheorie Und Verwandte Gebiete, 1968, 11, 18-25.	0.8	5
50	Asymptotic optimality in sequential interval estimation. Advances in Applied Mathematics, 1986, 7, 70-79.	0.7	5
51	A local limit theorem for sums of dependent random variables. Statistics and Probability Letters, 1990, 9, 207-213.	0.7	5
52	Asymptotic analysis of isotonic estimation for grouped data. Journal of Statistical Planning and Inference, 2001, 98, 107-117.	0.6	5
53	On the bayes risk incurred by using asymptotic shapes. Communications in Statistics - Theory and Methods, 1980, 9, 1727-1748.	1.0	4
54	Shrinkage estimation for convex polyhedral cones. Statistics and Probability Letters, 2004, 70, 87-94.	0.7	4

#	Article	IF	Citations
55	On the asymptotic normality of kernel density estimators for causal linear random fields. Journal of Multivariate Analysis, 2014, 123, 201-213.	1.0	4
56	A Kieferâ€"Wolfowitz comparison theorem for Wicksellâ€™s problem. Annals of Statistics, 2007, 35, .	2.6	4
57	Asymptotic expansions for first passage times. Stochastic Processes and Their Applications, 1988, 28, 301-315.	0.9	3
58	Corrected Confidence Levels for Adaptive Nonlinear Regression. American Journal of Mathematical and Management Sciences, 1991, 11, 79-93.	0.9	3
59	Fixed width interval estimation for the reciprocal drift of Brownian motion. Journal of Statistical Planning and Inference, 1992, 30, 1-12.	0.6	3
60	Approximate confidence sets for a stationary AR(p) process. Journal of Statistical Planning and Inference, 2006, 136, 2719-2745.	0.6	3
61	A nonlinear parking problem. Sequential Analysis, 1995, 14, 247-272.	0.5	2
62	A local limit theorem for hidden Markov chains. Statistics and Probability Letters, 1997, 32, 125-131.	0.7	2
63	Model-Independent Estimates of Dark Matter Distributions. Journal of the American Statistical Association, 2008, 103, 1070-1084.	3.1	2
64	A RESTRICTED MINIMAX DETERMINATION OF THE INITIAL SAMPLE SIZE IN STEIN'S AND RELATED TWO-STAGE PROCEDURES. , 2006, , .		1
65	SEQUENTIAL CONFIDENCE INTERVALS FOR A POPULATION SIZE WITH FIXED PROPORTIONAL ACCURACY. Sequential Analysis, 2001, 20, 25-43.	0.5	0
66	A Radial Velocity Dispersion Profile for the Fornax Dwarf Spheroidal Galaxy. Symposium - International Astronomical Union, 2004, 220, 367-368.	0.1	0