

Bernard W Silverman

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

7,680
citations

117625

34
h-index

138484

58
g-index

65
all docs

65
docs citations

65
times ranked

7084
citing authors

#	ARTICLE	IF	CITATIONS
1	Covid-19 and child criminal exploitation in the UK: implications of the pandemic for county lines. Trends in Organized Crime, 2023, 26, 156-179.	1.3	6
2	Multiple Systems Estimation for Sparse Capture Data: Inferential Challenges When There Are Nonoverlapping Lists. Journal of the American Statistical Association, 2021, 116, 1297-1306.	3.1	25
3	How many trafficked people are there in Greater New Orleans? Lessons in measurement. Journal of Human Trafficking, 2020, 6, 375-387.	1.2	23
4	Key questions for modelling COVID-19 exit strategies. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201405.	2.6	106
5	Multiple-Systems Analysis for the Quantification of Modern Slavery: Classical and Bayesian Approaches. Journal of the Royal Statistical Society Series A: Statistics in Society, 2020, 183, 691-736.	1.1	29
6	Julian Ernst Besag. 26 March 1945â€”6 August 2010. Biographical Memoirs of Fellows of the Royal Society, 2018, 64, 27-50.	0.1	0
7	Introduction to discussion of â€œCoauthorship and citation networks for statisticiansâ€. Annals of Applied Statistics, 2016, 10, .	1.1	1
8	Human metabolic profiles are stably controlled by genetic and environmental variation. Molecular Systems Biology, 2011, 7, 525.	7.2	158
9	A multiresolution approach to time warping achieved by a Bayesian prior-posterior transfer fitting strategy. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2010, 72, 673-694.	2.2	19
10	Interdependent Encoding of Pitch, Timbre, and Spatial Location in Auditory Cortex. Journal of Neuroscience, 2009, 29, 2064-2075.	3.6	152
11	The Influence of Recombination on Human Genetic Diversity. PLoS Genetics, 2006, 2, e148.	3.5	231
12	Empirical Bayes selection of wavelet thresholds. Annals of Statistics, 2005, 33, 1700.	2.6	226
13	The contribution of species richness and composition to bacterial services. Nature, 2005, 436, 1157-1160.	27.8	793
14	Functional Adaptive Model Estimation. Journal of the American Statistical Association, 2005, 100, 565-576.	3.1	79
15	EbayesThresh : <i>R</i> Programs for Empirical Bayes Thresholding. Journal of Statistical Software, 2005, 12, .	3.7	46
16	Needles and straw in haystacks: Empirical Bayes estimates of possibly sparse sequences. Annals of Statistics, 2004, 32, .	2.6	283
17	Boundary coiflets for wavelet shrinkage in function estimation. Journal of Applied Probability, 2004, 41, 81-98.	0.7	7
18	Posterior probability intervals for wavelet thresholding. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2002, 64, 189-205.	2.2	21

#	ARTICLE	IF	CITATIONS
19	<title>Scattered data smoothing by empirical Bayesian shrinkage of second-generation wavelet coefficients</title>. , 2001, , .		21
20	Shape of the intercondylar notch of the human femur: a comparison of osteoarthritic and non-osteoarthritic bones from a skeletal sample. <i>Annals of the Rheumatic Diseases</i> , 2001, 60, 968-973.	0.9	38
21	Extremely Large Variations of Atmospheric ¹⁴ C Concentration During the Last Glacial Period. <i>Science</i> , 2001, 292, 2453-2458.	12.6	334
22	Stochastic expansions in an overcomplete wavelet dictionary. <i>Probability Theory and Related Fields</i> , 2000, 117, 133-144.	1.8	13
23	Distribution of distal femoral osteophytes in a human skeletal population. <i>Annals of the Rheumatic Diseases</i> , 2000, 59, 513-520.	0.9	8
24	Extending the Scope of Wavelet Regression Methods by Coefficient-Dependent Thresholding. <i>Journal of the American Statistical Association</i> , 2000, 95, 172-183.	3.1	87
25	Extending the Scope of Wavelet Regression Methods by Coefficient-Dependent Thresholding. <i>Journal of the American Statistical Association</i> , 2000, 95, 172.	3.1	37
26	Wavelets in statistics: beyond the standard assumptions. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 1999, 357, 2459-2473.	3.4	40
27	The shape of the distal femur: a palaeopathological comparison of eburnated and non-eburnated femora. <i>Annals of the Rheumatic Diseases</i> , 1999, 58, 72-78.	0.9	16
28	The effect of foot imbalance on point of force application in the horse. <i>Equine Veterinary Journal</i> , 1998, 30, 540-545.	1.7	78
29	Wavelet decomposition approaches to statistical inverse problems. <i>Biometrika</i> , 1998, 85, 115-129.	2.4	165
30	The discrete multiple wavelet transform and thresholding methods. <i>IEEE Transactions on Signal Processing</i> , 1998, 46, 2558-2561.	5.3	134
31	Monotone Discriminant Functions and Their Applications in Rheumatology. <i>Journal of the American Statistical Association</i> , 1997, 92, 144-153.	3.1	22
32	Wavelet Threshold Estimators for Data with Correlated Noise. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 1997, 59, 319-351.	2.2	636
33	Monotone Discriminant Functions and Their Applications in Rheumatology. <i>Journal of the American Statistical Association</i> , 1997, 92, 144.	3.1	8
34	Smoothed functional principal components analysis by choice of norm. <i>Annals of Statistics</i> , 1996, 24, 1.	2.6	263
35	Caffeine as a metabolic probe: a comparison of the metabolic ratios used to assess CYP1A2 activity.. <i>British Journal of Clinical Pharmacology</i> , 1995, 39, 65-69.	2.4	34
36	Temperature schedules for simulated annealing. <i>Statistics and Computing</i> , 1994, 4, 21-32.	1.5	30

#	ARTICLE	IF	CITATIONS
37	Nonparametric Regression and Generalized Linear Models. , 1994, , .		1,437
38	Function Estimation and Functional Data Analysis. Progress in Mathematics, 1994, , 407-427.	0.3	3
39	Block diagrams and splitting criteria for classification trees. Statistics and Computing, 1993, 3, 147-161.	1.5	60
40	A comparison of the Reinsch and Speckman splines. Biometrika, 1992, 79, 81-91.	2.4	16
41	Self-organizing nest construction in ants: sophisticated building by blind bulldozing. Animal Behaviour, 1992, 44, 357-375.	1.9	147
42	Discretization effects in statistical inverse problems. Journal of Complexity, 1991, 7, 1-34.	1.3	38
43	Speed of Estimation in Positron Emission Tomography and Related Inverse Problems. Annals of Statistics, 1990, 18, .	2.6	115
44	[Flexible Parsimonious Smoothing and Additive Modeling]: Response. Technometrics, 1989, 31, 35.	1.9	3
45	Flexible Parsimonious Smoothing and Additive Modeling. Technometrics, 1989, 31, 3-21.	1.9	334
46	Flexible Parsimonious Smoothing and Additive Modeling. Technometrics, 1989, 31, 3.	1.9	114
47	The estimation of residual variance in nonparametric regression. Biometrika, 1988, 75, 189-199.	2.4	93
48	The bootstrap: To smooth or not to smooth?. Biometrika, 1987, 74, 469-479.	2.4	205
49	Convergence of a Class of Empirical Distribution Functions of Dependent Random Variables. Annals of Probability, 1983, 11, 745.	1.8	54
50	Weak and strong uniform consistency of kernel regression estimates. Zeitschrift FÅ¼r Wahrscheinlichkeitstheorie Und Verwandte Gebiete, 1982, 61, 405-415.	0.8	366
51	Convergence of spatial birth-and-death processes. Mathematical Proceedings of the Cambridge Philosophical Society, 1981, 90, 155-165.	0.4	15
52	A class of two-type point processes. Zeitschrift FÅ¼r Wahrscheinlichkeitstheorie Und Verwandte Gebiete, 1981, 58, 299-308.	0.8	14
53	Efficient implementation of the Ada overloading rules. Information Processing Letters, 1980, 10, 120-123.	0.6	7
54	Some asymptotic properties of the probabilistic teacher (Corresp.). IEEE Transactions on Information Theory, 1980, 26, 246-249.	2.4	9

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55	Density Estimation and Bump-Hunting by the Penalized Likelihood Method Exemplified by Scattering and Meteorite Data: Comment. <i>Journal of the American Statistical Association</i> , 1980, 75, 67.	3.1	0
56	Rates of Poisson convergence for U-statistics. <i>Journal of Applied Probability</i> , 1979, 16, 428-432.	0.7	24
57	Constructing the convex hull of a set of points in the plane. <i>Computer Journal</i> , 1979, 22, 262-266.	2.4	54
58	Short distances, flat triangles and Poisson limits. <i>Journal of Applied Probability</i> , 1978, 15, 815-825.	0.7	95
59	Quick tests for spatial interaction. <i>Biometrika</i> , 1978, 65, 641-642.	2.4	38
60	The microstructure of glass fibre reinforced polyester resin composites. <i>Journal of Microscopy</i> , 1978, 114, 131-141.	1.8	8
61	Weak and Strong Uniform Consistency of the Kernel Estimate of a Density and its Derivatives. <i>Annals of Statistics</i> , 1978, 6, 177.	2.6	242
62	On a Gaussian process related to multivariate probability density estimation. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 1976, 80, 135-144.	0.4	16