

# James V Zidek

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,716  
citations

471509

17  
h-index

454955

30  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1167  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combining Probability Distributions: A Critique and an Annotated Bibliography. <i>Statistical Science</i> , 1986, 1, 114.	2.8	675
2	Multivariate spatial interpolation and exposure to air pollutants. <i>Canadian Journal of Statistics</i> , 1994, 22, 489-509.	0.9	163
3	Interpolation with uncertain spatial covariances: A Bayesian alternative to Kriging. <i>Journal of Multivariate Analysis</i> , 1992, 43, 351-374.	1.0	151
4	The weighted likelihood. <i>Canadian Journal of Statistics</i> , 2002, 30, 347-371.	0.9	86
5	Simultaneous Estimation of the Means of Independent Poisson Laws. <i>Journal of the American Statistical Association</i> , 1975, 70, 698-705.	3.1	74
6	A Comparison of $\hat{p}_n$ Estimators for the Binomial Distribution. <i>Journal of the American Statistical Association</i> , 1981, 76, 637-642.	3.1	74
7	Modeling Nonstationary Processes Through Dimension Expansion. <i>Journal of the American Statistical Association</i> , 2012, 107, 281-289.	3.1	65
8	Bayesian Multivariate Spatial Interpolation with Data Missing by Design. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 1997, 59, 501-510.	2.2	59
9	Bayesian Spatial Prediction of Random Space-Time Fields With Application to Mapping PM <sub>2.5</sub> Exposure. <i>Journal of the American Statistical Association</i> , 2002, 97, 112-124.	3.1	47
10	Simultaneous Estimation of the Means of Independent Poisson Laws. <i>Journal of the American Statistical Association</i> , 1975, 70, 698.	3.1	43
11	An entropy-based analysis of data from selected NADP/NTN network sites for 1983-1986. <i>Atmospheric Environment Part A General Topics</i> , 1992, 26, 2089-2103.	1.3	41
12	Selecting likelihood weights by cross-validation. <i>Annals of Statistics</i> , 2005, 33, 463.	2.6	31
13	Spatial-temporal models for ambient hourly PM <sub>10</sub> in Vancouver. <i>Environmetrics</i> , 1999, 10, 321-338.	1.4	27
14	Assessment of a Bayesian multivariate interpolation approach for health impact studies. <i>Environmetrics</i> , 1998, 9, 565-586.	1.4	25
15	Interpolating Vancouver's daily ambient PM <sub>10</sub> field. <i>Environmetrics</i> , 2000, 11, 651-663.	1.4	20
16	Relevance weighted likelihood for dependent data. <i>Metrika</i> , 2000, 51, 223-243.	0.8	20
17	Combining data and simulated data for space-time fields: application to ozone. <i>Environmental and Ecological Statistics</i> , 2012, 19, 37-56.	3.5	19
18	Spatial prediction and temporal backcasting for environmental fields having monotone data patterns. <i>Canadian Journal of Statistics</i> , 2001, 29, 529-554.	0.9	16

#	ARTICLE	IF	CITATIONS
19	Bayes Linear Estimators of the Intensity Function of the Nonstationary Poisson Process. Journal of the American Statistical Association, 1977, 72, 112-120.	3.1	15
20	An empirical assessment of Bayesian melding for mapping ozone pollution. Environmetrics, 2011, 22, 340-353.	1.4	15
21	Derivation of mixture distributions and weighted likelihood function as minimizers of KL-divergence subject to constraints. Annals of the Institute of Statistical Mathematics, 2005, 57, 687-701.	0.8	11
22	A framework for predicting personal exposures to environmental hazards. Environmental and Ecological Statistics, 2007, 14, 411-431.	3.5	11
23	Forecasting NBA basketball playoff outcomes using the weighted likelihood. Lecture Notes-monograph Series / Institute of Mathematical Statistics, 2004, 45, 385-395.	1.0	6
24	Group decision analysis and its application to combining opinions. Journal of Statistical Planning and Inference, 1988, 20, 307-325.	0.6	4
25	Incorporating High-Dimensional Exposure Modelling into Studies of Air Pollution and Health. Statistics in Biosciences, 2017, 9, 559-581.	1.2	4
26	Statistics of Extremes: An Alternate Method with Application to Bridge Design Codes. Technometrics, 1979, 21, 185.	1.9	4
27	Bayes Linear Estimators of the Intensity Function of the Nonstationary Poisson Process. Journal of the American Statistical Association, 1977, 72, 112.	3.1	4
28	Statistics of Extremes: An Alternate Method with Application to Bridge Design Codes. Technometrics, 1979, 21, 185-191.	1.9	3
29	The use of the weighted likelihood in the natural exponential families with quadratic variance. Canadian Journal of Statistics, 2004, 32, 139-157.	0.9	2
30	Temporal Forecasting with a Bayesian Spatial Predictor: Application to Ozone. Advances in Meteorology, 2012, 2012, 1-13.	1.6	1