Raymond J Carroll

List of Publications by Year
in descending order

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256 papers	16,806 citations	17440 63 h-index	23533 111 g-index

273 all docs	273 docs citations	273 times ranked	11957 citing authors

#	Article	IF	Citations
1	A narrative review of nutrient based indexes to assess diet quality and the proposed total nutrient index that reflects total dietary exposures. Critical Reviews in Food Science and Nutrition, 2023, 63, 1722-1732.	10.3	10
2	A Robust Approach for Electronic Health Recordâ€"Based Case-Control Studies with Contaminated Case Pools. Biometrics, 2023, 79, 2023-2035.	1.4	0
3	Robust methods to correct for measurement error when evaluating a surrogate marker. Biometrics, 2022, 78, 9-23.	1.4	1
4	Semiparametric Estimation of the Distribution of Episodically Consumed Foods Measured With Error. Journal of the American Statistical Association, 2022, 117, 469-481.	3.1	1
5	Feature screening with largeâ€scale and highâ€dimensional survival data. Biometrics, 2022, 78, 894-907.	1.4	1
6	The Total Nutrient Index is a Useful Measure for Assessing Total Micronutrient Exposures Among US Adults. Journal of Nutrition, 2022, 152, 863-871.	2.9	4
7	Serum Cytokines Predict Neurological Damage in Genetically Diverse Mouse Models. Cells, 2022, 11, 2044.	4.1	2
8	Bayesian Copula Density Deconvolution for Zero-Inflated Data in Nutritional Epidemiology. Journal of the American Statistical Association, 2021, 116, 1075-1087.	3.1	4
9	Dietary Intakes of Amino Acids and Other Nutrients by Adult Humans. Advances in Experimental Medicine and Biology, 2021, 1332, 211-227.	1.6	4
10	Estimating disease onset from change points of markers measured with error. Biostatistics, 2021, 22, 819-835.	1.5	2
11	A semiparametric risk score for physical activity. Statistics in Medicine, 2021, , .	1.6	2
12	Genetic and immunological contributors to virus-induced paralysis. Brain, Behavior, & Immunity - Health, 2021, 18, 100395.	2.5	6
13	Parsimonious Model Averaging With a Diverging Number of Parameters. Journal of the American Statistical Association, 2020, 115, 972-984.	3.1	37
14	A fast score test for generalized mixture models. Biometrics, 2020, 76, 811-820.	1.4	4
15	STRATOS guidance document on measurement error and misclassification of variables in observational epidemiology: Part 2â€"More complex methods of adjustment and advanced topics. Statistics in Medicine, 2020, 39, 2232-2263.	1.6	43
16	STRATOS guidance document on measurement error and misclassification of variables in observational epidemiology: Part 1â€"Basic theory and simple methods of adjustment. Statistics in Medicine, 2020, 39, 2197-2231.	1.6	90
17	Sparse semiparametric canonical correlation analysis for data of mixed types. Biometrika, 2020, 107, 609-625.	2.4	19
18	A Review of Statistical Analyses on Physical Activity Data Collected from Accelerometers. Statistics in Biosciences, 2019, 11, 465-476.	1.2	4

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19	Integration of Survival and Binary Data for Variable Selection and Prediction: A Bayesian Approach. Journal of the Royal Statistical Society Series C: Applied Statistics, 2019, 68, 1577-1595.	1.0	4
20	Instrumental variable approach to estimating the scalarâ€onâ€function regression model with measurement error with application to energy expenditure assessment in childhood obesity. Statistics in Medicine, 2019, 38, 3764-3781.	1.6	7
21	MALMEM: Model Averaging in Linear Measurement Error Models. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2019, 81, 763-779.	2.2	8
22	Correcting for measurement error in fractional polynomial models using Bayesian modelling and regression calibration, with an application to alcohol and mortality. Biometrical Journal, 2019, 61, 558-573.	1.0	2
23	A semiparametric efficient estimator in case-control studies for geneâ€“environment independent models. Journal of Multivariate Analysis, 2019, 173, 38-50.	1.0	2
24	A Hybrid Omnibus Test for Generalized Semiparametric Single-Index Models With High-Dimensional Covariate Sets. Biometrics, 2019, 75, 757-767.	1.4	2
25	Measurement Error Correction and Sensitivity Analysis in Longitudinal Dietary Intervention Studies Using an External Validation Study. Biometrics, 2019, 75, 927-937.	1.4	7
26	A robust and efficient approach to causal inference based on sparse sufficient dimension reduction. Annals of Statistics, 2019, 47, 1505-1535.	2.6	17
27	Best Practices for Dietary Supplement Assessment and Estimation of Total Usual Nutrient Intakes in Population-Level Research and Monitoring. Journal of Nutrition, 2019, 149, 181-197.	2.9	58
28	Development and Testing of an Integrated Score for Physical Behaviors. Medicine and Science in Sports and Exercise, 2019, 51, 1759-1766.	0.4	7
29	Reâ€evaluating composite scores: Adaptive Lasso variable selection for nonâ€linear models. Stat, 2019, 8, e251.	0.4	2
30	Modeling and Prediction of Multiple Correlated Functional Outcomes. Journal of Agricultural, Biological, and Environmental Statistics, 2019, 24, 112-129.	1.4	1
31	Analysis of repeated measures data in nutrition research. Frontiers in Bioscience - Landmark, 2019, 24, 1377-1389.	3.0	10
32	Bayesian Semiparametric Multivariate Density Deconvolution. Journal of the American Statistical Association, 2018, 113, 401-416.	3.1	10
33	Additive Function-on-Function Regression. Journal of Computational and Graphical Statistics, 2018, 27, 234-244.	1.7	24
34	Threeâ€part joint modeling methods for complex functional data mixed with zeroâ€andâ€oneâ€inflated proportions and zeroâ€inflated continuous outcomes with skewness. Statistics in Medicine, 2018, 37, 611-626.	1.6	2
35	Measurement of Active and Sedentary Behavior in Context of Large Epidemiologic Studies. Medicine and Science in Sports and Exercise, 2018, 50, 266-276.	0.4	80
36	A Powerful Bayesian Test for Equality of Means in High Dimensions. Journal of the American Statistical Association, 2018, 113, 1733-1741.	3.1	15

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37	Testing for Geneâ€“Environment Interaction under Exposure Misspecification. Biometrics, 2018, 74, 653-662.	1.4	16
38	Functional Multiple Indicators, Multiple Causes Measurement Error Models. Biometrics, 2018, 74, 127-134.	1.4	3
39	Categorizing a continuous predictor subject to measurement error. Electronic Journal of Statistics, 2018, 12, 4032-4056.	0.7	1
40	Dimension reduction and estimation in the secondary analysis of case-control studies. Electronic Journal of Statistics, 2018, 12, 1782-1821.	0.7	0
41	Clustering in General Measurement Error Models. Statistica Sinica, 2018, 28, 2337-2351.	0.3	4
42	PLEMT: A Novel Pseudolikelihood-Based EM Test for Homogeneity in Generalized Exponential Tilt Mixture Models. Journal of the American Statistical Association, 2017, 112, 1393-1404.	3.1	7
43	A Semiparametric Single-Index Risk Score Across Populations. Journal of the American Statistical Association, 2017, 112, 1648-1662.	3.1	3
44	Estimating Varying Coefficients for Partial Differential Equation Models. Biometrics, 2017, 73, 949-959.	1.4	6
45	A joint modeling and estimation method for multivariate longitudinal data with mixed types of responses to analyze physical activity data generated by accelerometers. Statistics in Medicine, 2017, 36, 4028-4040.	1.6	6
46	Estimation and inference of error-prone covariate effect in the presence of confounding variables. Electronic Journal of Statistics, 2017, 11, 480-501.	0.7	4
47	On the impact of model selection on predictor identification and parameter inference. Computational Statistics, 2017, 32, 667-690.	1.5	6
48	Frequentist standard errors of Bayes estimators. Computational Statistics, 2017, 32, 867-888.	1.5	1
49	An Evaluation of Accelerometer-derived Metrics to Assess Daily Behavioral Patterns. Medicine and Science in Sports and Exercise, 2017, 49, 54-63.	0.4	12
50	Inference in a survival cure model with mismeasured covariates using a simulation-extrapolation approach. Biometrika, 2017, 104, asw054.	2.4	14
51	Two Wrongs Make a Right: AddressingÂUnderreporting in Binary Data from Multiple Sources. Political Analysis, 2017, 25, 223-240.	3.3	20
52	Linear Model Selection When Covariates Contain Errors. Journal of the American Statistical Association, 2017, 112, 1553-1561.	3.1	10
53	Data integration with high dimensionality. Biometrika, 2017, 104, 251-272.	2.4	21
54	Semiparametric analysis of complex polygenic gene-environment interactions in case-control studies. Biometrika, 2017, 104, 801-812.	2.4	2

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55	Impact of Novel Sorghum Bran Diets on DSS-Induced Colitis. Nutrients, 2017, 9, 330.	4.1	29
56	SiAM: A hybrid of single index models and additive models. Electronic Journal of Statistics, 2017, 11, 2397-2423.	0.7	2
57	Statistical issues related to dietary intake as the response variable in intervention trials. Statistics in Medicine, 2016, 35, 4493-4508.	1.6	21
58	Calibration and seasonal adjustment for matched caseâ€“control studies of vitamin D and cancer. Statistics in Medicine, 2016, 35, 2133-2148.	1.6	28
59	Moment Reconstruction and Moment-Adjusted Imputation When Exposure Is Generated by a Complex, Nonlinear Random Effects Modeling Process. Biometrics, 2016, 72, 1369-1377.	1.4	2
60	PCAN: Probabilistic Correlation Analysis of Two Non-Normal Data Sets. Biometrics, 2016, 72, 1358-1368.	1.4	7
61	Exposure Enriched Caseâ€Control (EECC) Design for the Assessment of Geneâ€“Environment Interaction. Genetic Epidemiology, 2016, 40, 570-578.	1.3	1
62	Methods to assess measurement error in questionnaires of sedentary behavior. Journal of Applied Statistics, 2016, 43, 1706-1721.	1.3	2
63	The impact of stratification by implausible energy reporting status on estimates of dietâ€health relationships. Biometrical Journal, 2016, 58, 1538-1551.	1.0	14
64	Longitudinal functional additive model with continuous proportional outcomes for physical activity data. Stat, 2016, 5, 242-250.	0.4	0
65	A Bivariate Measurement Error Model for Semicontinuous and Continuous Variables: Application to Nutritional Epidemiology. Biometrics, 2016, 72, 106-115.	1.4	13
66	Semiparametric Estimation in the Secondary Analysis of Caseâ€“Control Studies. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2016, 78, 127-151.	2.2	12
67	Spatial Regression with Covariate Measurement Error: A Semiparametric Approach. Biometrics, 2016, 72, 678-686.	1.4	19
68	Spatial measurement error and correction by spatial SIMEX in linear regression models when using predicted air pollution exposures. Biostatistics, 2016, 17, 377-389.	1.5	34
69	Constrained Maximum Likelihood Estimation for Model Calibration Using Summary-Level Information From External Big Data Sources. Journal of the American Statistical Association, 2016, 111, 107-117.	3.1	87
70	Exact sampling of the unobserved covariates in Bayesian spline models for measurement error problems. Statistics and Computing, 2016, 26, 827-840.	1.5	2
71	Measurement error models with interactions. Biostatistics, 2016, 17, 277-290.	1.5	8
72	Bayesian regression analysis of data with random effects covariates from nonlinear longitudinal measurements. Journal of Multivariate Analysis, 2016, 143, 94-106.	1.0	8

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73	Estimation and inference in generalized additive coefficient models for nonlinear interactions with high-dimensional covariates. Annals of Statistics, 2015, 43, 2102-2131.	2.6	15
74	A statistical model for measurement error that incorporates variation over time in the target measure, with application to nutritional epidemiology. Statistics in Medicine, 2015, 34, 3590-3605.	1.6	11
75	Application of a New Statistical Model for Measurement Error to the Evaluation of Dietary Self-report Instruments. Epidemiology, 2015, 26, 925-933.	2.7	16
76	The direct integral method for confidence intervals for the ratio of two location parameters. Biometrics, 2015, 71, 704-713.	1.4	1
77	A Two-Sample Test for Equality of Means in High Dimension. Journal of the American Statistical Association, 2015, 110, 837-849.	3.1	62
78	Functional and Structural Methods With Mixed Measurement Error and Misclassification in Covariates. Journal of the American Statistical Association, 2015, 110, 681-696.	3.1	37
79	Rapid publication-ready MS-Word tables for two-way ANOVA. SpringerPlus, 2015, 4, 33.	1.2	60
80	Methods to assess an exercise intervention trial based on 3-level functional data. Biostatistics, 2015, 16, 754-771.	1.5	16
81	Polyphenol-rich sorghum brans alter colon microbiota and impact species diversity and species richness after multiple bouts of dextran sodium sulfate-induced colitis. FEMS Microbiology Ecology, 2015, 91, .	2.7	66
82	Sparse Regression by Projection and Sparse Discriminant Analysis. Journal of Computational and Graphical Statistics, 2015, 24, 416-438.	1.7	6
83	On the Selection of Ordinary Differential Equation Models with Application to Predator-Prey Dynamical Models. Biometrics, 2015, 71, 131-138.	1.4	14
84	In Vivo Regulation of Colonic Cell Proliferation, Differentiation, Apoptosis, and P27Kip1 by Dietary Fish Oil and Butyrate in Rats. Cancer Prevention Research, 2015, 8, 1076-1083.	1.5	22
85	Reply to E Archer and SN Blair. Advances in Nutrition, 2015, 6, 489-489.	6.4	14
86	Variance Function Partially Linear Single-Index Models. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2015, 77, 171-194.	2.2	29
87	Significance tests for functional data with complex dependence structure. Journal of Statistical Planning and Inference, 2015, 156, 1-13.	0.6	23
88	Multiple indicators, multiple causes measurement error models. Statistics in Medicine, 2014, 33, 4469-4481.	1.6	8
89	Bayesian Semiparametric Density Deconvolution in the Presence of Conditionally Heteroscedastic Measurement Errors. Journal of Computational and Graphical Statistics, 2014, 23, 1101-1125.	1.7	20
90	Bayesian semiparametric regression in the presence of conditionally heteroscedastic measurement and regression errors. Biometrics, 2014, 70, 823-834.	1.4	9

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91	Hierarchical functional data with mixed continuous and binary measurements. Biometrics, 2014, 70, 802-811.	1.4	14
92	Rapid publication-ready MS-Word tables for one-way ANOVA. SpringerPlus, 2014, 3, 474.	1.2	133
93	Impact of Uncertainties in Exposure Assessment on Estimates of Thyroid Cancer Risk among Ukrainian Children and Adolescents Exposed from the Chernobyl Accident. PLoS ONE, 2014, 9, e85723.	2.5	44
94	Personal reflections on the COPSS Presidentsâ€™ Award. , 2014, , 571-579.		1
95	Parameter Estimation of Partial Differential Equation Models. Journal of the American Statistical Association, 2013, 108, 1009-1020.	3.1	101
96	A Note on Penalized Regression Spline Estimation in the Secondary Analysis of Case-Control Data. Statistics in Biosciences, 2013, 5, 250-260.	1.2	2
97	Robust Estimation for Homoscedastic Regression in the Secondary Analysis of Caseâ€“Control Data. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2013, 75, 185-206.	2.2	25
98	Selecting the Number of Principal Components in Functional Data. Journal of the American Statistical Association, 2013, 108, 1284-1294.	3.1	73
99	Unexpected properties of bandwidth choice when smoothing discrete data for constructing a functional data classifier. Annals of Statistics, 2013, 41, 2739-2767.	2.6	9
100	Using shared genetic controls in studies of gene-environment interactions. Biometrika, 2013, 100, 319-338.	2.4	4
101	Multilevel Cross-Dependent Binary Longitudinal Data. Biometrics, 2013, 69, 903-913.	1.4	23
102	A functional generalized method of moments approach for longitudinal studies with missing responses and covariate measurement error. Biometrika, 2012, 99, 151-165.	2.4	41
103	Taking Advantage of the Strengths of 2 Different Dietary Assessment Instruments to Improve Intake Estimates for Nutritional Epidemiology. American Journal of Epidemiology, 2012, 175, 340-347.	3.4	171
104	A simultaneous confidence band for sparse longitudinal regression. Statistica Sinica, 2012, 22, 95-122.	0.3	59
105	Multiple imputation in quantile regression. Biometrika, 2012, 99, 423-438.	2.4	61
106	Deconvolution When Classifying Noisy Data Involving Transformations. Journal of the American Statistical Association, 2012, 107, 1166-1177.	3.1	4
107	Hierarchical Bayesian methods for integration of various types of genomics data. , 2012, , .		3
108	Combining selfâ€report dietary assessment instruments to reduce the effects of measurement error. FASEB Journal, 2012, 26, 129.1.	0.5	0

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109	Suppression of early colon cancer lesions by apigenin and naringenin is in part due to their downregulation of p21, TLRâ€4, and MCTâ€1 expression. FASEB Journal, 2012, 26, 1023.2.	0.5	0
110	ESTIMATION AND VARIABLE SELECTION FOR GENERALIZED ADDITIVE PARTIAL LINEAR MODELS. , 2011, 39, 1827-1851.		17
111	Density Estimation in Several Populations With Uncertain Population Membership. Journal of the American Statistical Association, 2011, 106, 1180-1192.	3.1	4
112	Fitting a Bivariate Measurement Error Model for Episodically Consumed Dietary Components. International Journal of Biostatistics, 2011, 7, 1-32.	0.7	27
113	A new multivariate measurement error model with zero-inflated dietary data, and its application to dietary assessment. Annals of Applied Statistics, 2011, 5, 1456-1487.	1.1	96
114	Estimation and variable selection for generalized additive partial linear models. Annals of Statistics, 2011, 39, .	2.6	105
115	Application of survival analysis methodology to the quantitative analysis of LC-MS proteomics data. , 2011, , .		0
116	Methods for Estimation of Radiation Risk in Epidemiological Studies Accounting for Classical and Berkson Errors in Doses. International Journal of Biostatistics, 2011, 7, 1-30.	0.7	15
117	Testing and Estimating Shape-Constrained Nonparametric Density and Regression in the Presence of Measurement Error. Journal of the American Statistical Association, 2011, 106, 191-202.	3.1	31
118	Semiparametric Bayesian analysis of gene-environment interactions with error in measurement of environmental covariates and missing genetic data. Statistics and Its Interface, 2011, 4, 305-315.	0.3	9
119	Longitudinal functional principal component modelling via Stochastic Approximation Monte Carlo. Canadian Journal of Statistics, 2010, 38, 256-270.	0.9	3
120	Genotypeâ€based association mapping of complex diseases: geneâ€environment interactions with multiple genetic markers and measurement error in environmental exposures. Genetic Epidemiology, 2010, 34, 792-802.	1.3	14
121	Semiparametric Bayesian Analysis of Nutritional Epidemiology Data in the Presence of Measurement Error. Biometrics, 2010, 66, 444-454.	1.4	16
122	Fast methods for spatially correlated multilevel functional data. Biostatistics, 2010, 11, 177-194.	1.5	81
123	Identification and estimation of nonlinear models using two samples with nonclassical measurement errors. Journal of Nonparametric Statistics, 2010, 22, 379-399.	0.9	33
124	Identification and estimation of nonlinear models using two samples with nonclassical measurement errors. Journal of Nonparametric Statistics, 2010, 22, 419-423.	0.9	4
125	Analysis of Case-Control Association Studies: SNPs, Imputation and Haplotypes. Statistical Science, 2009, 24, 489-502.	2.8	19
126	Nonparametric Prediction in Measurement Error Models. Journal of the American Statistical Association, 2009, 104, 993-1003.	3.1	41

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127	Semiparametric estimation of fixed-effects panel data varying coefficient models. Advances in Econometrics, 2009, , 101-129.	0.3	78
128	Shrinkage Estimators for Robust and Efficient Inference in Haplotype-Based Case-Control Studies. Journal of the American Statistical Association, 2009, 104, 220-233.	3.1	56
129	Nonparametric additive regression for repeatedly measured data. Biometrika, 2009, 96, 383-398.	2.4	21
130	Efficient Semiparametric Marginal Estimation forÂtheÂPartially Linear Additive Model forÂLongitudinal/Clustered Data. Statistics in Biosciences, 2009, 1, 10-31.	1.2	12
131	Modeling Data with Excess Zeros and Measurement Error: Application to Evaluating Relationships between Episodically Consumed Foods and Health Outcomes. Biometrics, 2009, 65, 1003-1010.	1.4	229
132	Testing in Semiparametric Models with Interaction, with Applications to Geneâ€“Environment Interactions. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2009, 71, 75-96.	2.2	27
133	Variance Estimation in the Analysis of Microarray Data. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2009, 71, 425-445.	2.2	20
134	Quantile Regression With Measurement Error. Journal of the American Statistical Association, 2009, 104, 1129-1143.	3.1	96
135	Why do we observe misclassification errors smaller than the Bayes error?. Journal of Statistical Computation and Simulation, 2009, 79, 717-722.	1.2	1
136	SIMEX and standard error estimation in semiparametric measurement error models. Electronic Journal of Statistics, 2009, 3, 318-348.	0.7	38
137	Semiparametric regression during 2003â€“2007. Electronic Journal of Statistics, 2009, 3, 1193-1256.	0.7	157
138	Dietary lipid source alters quercetin effects on antioxidant enzyme/phase I and II gene expression in rat colon. FASEB Journal, 2009, 23, 897.5.	0.5	0
139	A fish oil/pectin diet suppresses radiationâ€enhanced colon carcinogenesis via downâ€regulation of the Î²â€catenin signaling pathway. FASEB Journal, 2009, 23, 897.6.	0.5	0
140	Chemoprotective fish oil/pectin diets temporally alter gene expression profiles in exfoliated colonocytes. FASEB Journal, 2009, 23, 222.2.	0.5	0
141	A comparison of regression calibration, moment reconstruction and imputation for adjusting for covariate measurement error in regression. Statistics in Medicine, 2008, 27, 5195-5216.	1.6	65
142	Nonparametric estimation and testing of fixed effects panel data models. Journal of Econometrics, 2008, 144, 257-275.	6.5	166
143	Bayesian Hierarchical Spatially Correlated Functional Data Analysis with Application to Colon Carcinogenesis. Biometrics, 2008, 64, 64-73.	1.4	95
144	Aberrant Crypt Foci and Semiparametric Modeling of Correlated Binary Data. Biometrics, 2008, 64, 490-500.	1.4	26

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145	Haplotypeâ€Based Regression Analysis and Inference of Caseâ€“Control Studies with Unphased Genotypes and Measurement Errors in Environmental Exposures. Biometrics, 2008, 64, 673-684.	1.4	21
146	Performance of a food-frequency questionnaire in the US NIHâ€“AARP (National Institutes of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 11, 183-195.	2.2	179
147	Joint modelling of paired sparse functional data using principal components. Biometrika, 2008, 95, 601-619.	2.4	99
148	Nonparametric variance estimation in the analysis of microarray data: a measurement error approach. Biometrika, 2008, 95, 437-449.	2.4	17
149	Retrospective analysis of haplotype-based case-control studies under a flexible model for gene-environment association. Biostatistics, 2008, 9, 81-99.	1.5	22
150	Fish oil and pectin may suppress colon carcinogenesis via inhibition of the MAPK and TGFÎ²pathways. FASEB Journal, 2008, 22, 885.8.	0.5	1
151	Sorghum bran varieties differentially influence endogenous antioxidant enzymes to protect against oxidative stress during colon carcinogenesis. FASEB Journal, 2008, 22, .	0.5	1
152	A fish oil/pectin diet beneficially altered gene profiles during radiationâ€enhanced colon carcinogenesis. FASEB Journal, 2008, 22, 885.9.	0.5	0
153	Nonparametric estimation of correlation functions in longitudinal and spatial data, with application to colon carcinogenesis experiments. Annals of Statistics, 2007, 35, 1608.	2.6	21
154	Spatially Adaptive Bayesian Penalized Splines With Heteroscedastic Errors. Journal of Computational and Graphical Statistics, 2007, 16, 265-288.	1.7	72
155	Efficient Estimation of Population-Level Summaries in General Semiparametric Regression Models. Journal of the American Statistical Association, 2007, 102, 123-139.	3.1	20
156	THE HANFORD THYROID DISEASE STUDY: AN ALTERNATIVE VIEW OF THE FINDINGS. Health Physics, 2007, 92, 99-111.	0.5	14
157	Stochastic Approximation in Monte Carlo Computation. Journal of the American Statistical Association, 2007, 102, 305-320.	3.1	247
158	Non-Parametric Regression Estimation from Data Contaminated by a Mixture of Berkson and Classical Errors. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2007, 69, 859-878.	2.2	40
159	Shared Uncertainty in Measurement Error Problems, with Application to Nevada Test Site Fallout Data. Biometrics, 2007, 63, 1226-1236.	1.4	36
160	Comments on: Nonparametric inference with generalized likelihood ratio tests. Test, 2007, 16, 456-458.	1.1	1
161	On estimation in binary autologistic spatial models. Journal of Statistical Computation and Simulation, 2006, 76, 167-179.	1.2	40
162	Locally Efficient Estimators for Semiparametric Models With Measurement Error. Journal of the American Statistical Association, 2006, 101, 1465-1474.	3.1	36

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163	Semiparametric estimation in general repeated measures problems. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2006, 68, 69-88.	2.2	90
164	Wavelet-based functional mixed models. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2006, 68, 179-199.	2.2	275
165	Seemingly Unrelated Measurement Error Models, with Application to Nutritional Epidemiology. Biometrics, 2006, 62, 75-84.	1.4	30
166	A New Statistical Method for Estimating the Usual Intake of Episodically Consumed Foods with Application to Their Distribution. Journal of the American Dietetic Association, 2006, 106, 1575-1587.	1.1	516
167	Thyroid Disease Associated With Exposure to the Nevada Nuclear Weapons Test Site Radiation. Epidemiology, 2006, 17, 604-614.	2.7	76
168	A comparison of two dietary instruments for evaluating the fatâ€“breast cancer relationship. International Journal of Epidemiology, 2006, 35, 1011-1021.	1.9	140
169	Fish oil and pectin enhance apoptosis in irradiated rat colonocytes via suppression of PGE synthaseâ€2 and Wnt pathway. FASEB Journal, 2006, 20, A993.	0.5	0
170	Spatially Adaptive Bayesian Penalized Regression Splines (P-splines). Journal of Computational and Graphical Statistics, 2005, 14, 378-394.	1.7	54
171	Discussion on "Statistical Issues Arising in the Women's Health Initiative". Biometrics, 2005, 61, 911-912.	1.4	1
172	Analysis of case-control studies of genetic and environmental factors with missing genetic information and haplotype-phase ambiguity. Genetic Epidemiology, 2005, 29, 108-127.	1.3	76
173	Fish Oil Decreases Oxidative DNA Damage by Enhancing Apoptosis in Rat Colon. Nutrition and Cancer, 2005, 52, 166-175.	2.0	53
174	Efficient Semiparametric Marginal Estimation for Longitudinal/Clustered Data. Journal of the American Statistical Association, 2005, 100, 147-157.	3.1	142
175	Semiparametric Bayesian Analysis of Matched Case-Control Studies With Missing Exposure. Journal of the American Statistical Association, 2005, 100, 591-601.	3.1	17
176	Semiparametric maximum likelihood estimation exploiting gene-environment independence in case-control studies. Biometrika, 2005, 92, 399-418.	2.4	185
177	A Reanalysis of Thyroid Neoplasms in the Israeli Tinea Capitis Study Accounting for Dose Uncertainties. Radiation Research, 2004, 161, 359-368.	1.5	32
178	Estimation in Partially Linear Models With Missing Covariates. Journal of the American Statistical Association, 2004, 99, 357-367.	3.1	101
179	Nonlinear and Nonparametric Regression and Instrumental Variables. Journal of the American Statistical Association, 2004, 99, 736-750.	3.1	48
180	Low order approximations in deconvolution and regression with errors in variables. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2004, 66, 31-46.	2.2	44

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181	A New Method for Dealing with Measurement Error in Explanatory Variables of Regression Models. Biometrics, 2004, 60, 172-181.	1.4	52
182	Choice of the primary analysis in longitudinal clinical trials. Pharmaceutical Statistics, 2004, 3, 161-169.	1.3	110
183	Type I error rates from likelihood-based repeated measures analyses of incomplete longitudinal data. Pharmaceutical Statistics, 2004, 3, 171-186.	1.3	29
184	Variances Are Not Always Nuisance Parameters. Biometrics, 2003, 59, 211-220.	1.4	62
185	Testing for Spatial Correlation in Nonstationary Binary Data, with Application to Aberrant Crypt Foci in Colon Carcinogenesis. Biometrics, 2003, 59, 752-761.	1.4	9
186	Semiparametric Regression Splines in Matched Caseâ€Control Studies. Biometrics, 2003, 59, 1158-1169.	1.4	11
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