

Naisyin Wang

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,143
citations

236925

25
h-index

223800

46
g-index

59
all docs

59
docs citations

59
times ranked

2002
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictive functional linear models with diverging number of semiparametric single-index interactions. <i>Journal of Econometrics</i> , 2022, 230, 221-239.	6.5	4
2	Improving Prediction Efficacy Through Abnormality Detection and Data Preprocessing. <i>IEEE Access</i> , 2019, 7, 103794-103805.	4.2	3
3	Doubly regularized estimation and selection in linear mixed-effects models for high-dimensional longitudinal data. <i>Statistics and Its Interface</i> , 2018, 11, 721-737.	0.3	10
4	Bayesian model assessments in evaluating mixtures of longitudinal trajectories and their associations with cross-sectional health outcomes. <i>Statistics and Its Interface</i> , 2016, 9, 183-201.	0.3	1
5	Bayesian estimation of associations between identified longitudinal hormone subgroups and age at final menstrual period. <i>BMC Medical Research Methodology</i> , 2015, 15, 106.	3.1	1
6	Modelling Short- and long -Term Characteristics of Follicle Stimulating Hormone as Predictors of Severe Hot Flashes in the Penn Ovarian Aging Study. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2015, 64, 731-753.	1.0	10
7	Joint Modeling of Cross-Sectional Health Outcomes and Longitudinal Predictors via Mixtures of Means and Variances. <i>Biometrics</i> , 2015, 71, 487-497.	1.4	10
8	Regularized Semiparametric Estimation for Ordinary Differential Equations. <i>Technometrics</i> , 2015, 57, 341-350.	1.9	4
9	Estimation of mean response via the effective balancing score. <i>Biometrika</i> , 2014, 101, 613-624.	2.4	19
10	Selecting the Number of Principal Components in Functional Data. <i>Journal of the American Statistical Association</i> , 2013, 108, 1284-1294.	3.1	73
11	Jackknife Empirical Likelihood Test for Equality of Two High Dimensional Means. <i>Statistica Sinica</i> , 2013, 23, 25-50.	0.3	20
12	A Chemoprotective Fish Oil- and Pectin-Containing Diet Temporally Alters Gene Expression Profiles in Exfoliated Rat Colonocytes throughout Oncogenesis. <i>Journal of Nutrition</i> , 2011, 141, 1029-1035.	2.9	30
13	Comments on: dynamic relations for sparsely sampled Gaussian processes. <i>Test</i> , 2010, 19, 56-59.	1.1	0
14	Comments on: Dynamic relations for sparsely sampled Gaussian processes. <i>Test</i> , 2010, 19, 50-53.	1.1	2
15	Evaluation of fecal mRNA reproducibility via a marginal transformed Mixture modeling approach. <i>BMC Bioinformatics</i> , 2010, 11, 13.	2.6	2
16	Generalized Functional Linear Models With Semiparametric Single-Index Interactions. <i>Journal of the American Statistical Association</i> , 2010, 105, 621-633.	3.1	63
17	Regulatory activity of polyunsaturated fatty acids in T-cell signaling. <i>Progress in Lipid Research</i> , 2010, 49, 250-261.	11.6	131
18	n -3 Polyunsaturated fatty acids modulate carcinogen-directed non-coding microRNA signatures in rat colon. <i>Carcinogenesis</i> , 2009, 30, 2077-2084.	2.8	158

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19	Identification of Actively Translated mRNA Transcripts in a Rat Model of Early-Stage Colon Carcinogenesis. <i>Cancer Prevention Research</i> , 2009, 2, 984-994.	1.5	17
20	A fish oil/pectin diet suppresses radiation-enhanced colon carcinogenesis via down-regulation of the β -catenin signaling pathway. <i>FASEB Journal</i> , 2009, 23, 897.6.	0.5	0
21	Chemoprotective fish oil/pectin diets temporally alter gene expression profiles in exfoliated colonocytes. <i>FASEB Journal</i> , 2009, 23, 222.2.	0.5	0
22	Fish oil and pectin may suppress colon carcinogenesis via inhibition of the MAPK and TGF β pathways. <i>FASEB Journal</i> , 2008, 22, 885.8.	0.5	1
23	A fish oil/pectin diet beneficially altered gene profiles during radiation-enhanced colon carcinogenesis. <i>FASEB Journal</i> , 2008, 22, 885.9.	0.5	0
24	Nonparametric estimation of correlation functions in longitudinal and spatial data, with application to colon carcinogenesis experiments. <i>Annals of Statistics</i> , 2007, 35, 1608.	2.6	21
25	Synergy between docosahexaenoic acid and butyrate elicits p53-independent apoptosis via mitochondrial Ca ²⁺ accumulation in colonocytes. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, G935-G943.	3.4	47
26	Joint Models for a Primary Endpoint and Multiple Longitudinal Covariate Processes. <i>Biometrics</i> , 2007, 63, 1068-1078.	1.4	27
27	Dietary Fish Oil Inhibits Antigen-Specific Murine Th1 Cell Development by Suppression of Clonal Expansion. <i>Journal of Nutrition</i> , 2006, 136, 2391-2398.	2.9	60
28	Comparison of the Chemoprotection Conferred by Grapefruit and Isolated Bioactive Compounds against Colon Cancer. <i>ACS Symposium Series</i> , 2006, , 121-129.	0.5	3
29	Efficient semiparametric estimator for heteroscedastic partially linear models. <i>Biometrika</i> , 2006, 93, 75-84.	2.4	52
30	The role of docosahexaenoic acid in mediating mitochondrial membrane lipid oxidation and apoptosis in colonocytes. <i>Carcinogenesis</i> , 2005, 26, 1914-1921.	2.8	97
31	A two-stage normalization method for partially degraded mRNA microarray data. <i>Bioinformatics</i> , 2005, 21, 4000-4006.	4.1	4
32	Efficient Semiparametric Marginal Estimation for Longitudinal/Clustered Data. <i>Journal of the American Statistical Association</i> , 2005, 100, 147-157.	3.1	142
33	An Increase in Reactive Oxygen Species by Dietary Fish Oil Coupled with the Attenuation of Antioxidant Defenses by Dietary Pectin Enhances Rat Colonocyte Apoptosis. <i>Journal of Nutrition</i> , 2004, 134, 3233-3238.	2.9	80
34	Dietary n-3 polyunsaturated fatty acids promote activation-induced cell death in Th1-polarized murine CD4 ⁺ T-cells. <i>Journal of Lipid Research</i> , 2004, 45, 1482-1492.	4.2	61
35	Chemopreventive <i>n</i> -3 Polyunsaturated Fatty Acids Reprogram Genetic Signatures during Colon Cancer Initiation and Progression in the Rat. <i>Cancer Research</i> , 2004, 64, 6797-6804.	0.9	136
36	Profile-kernel versus backfitting in the partially linear models for longitudinal/clustered data. <i>Biometrika</i> , 2004, 91, 251-262.	2.4	43

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37	Noise factor analysis for cDNA microarrays. <i>Journal of Biomedical Optics</i> , 2004, 9, 663.	2.6	21
38	Chemopreventive n-3 fatty acids activate RXR α in colonocytes. <i>Carcinogenesis</i> , 2003, 24, 1541-1548.	2.8	104
39	Nearest-Neighbor Variance Estimation (NNVE). <i>Journal of the American Statistical Association</i> , 2002, 97, 994-1019.	3.1	66
40	A Bayesian analysis of colonic crypt structure and coordinated response to carcinogen exposure incorporating missing crypts. <i>Biostatistics</i> , 2002, 3, 529-546.	1.5	4
41	DNA Microarray Experiments: Biological and Technological Aspects. <i>Biometrics</i> , 2002, 58, 701-717.	1.4	137
42	Linear Transformation Models for Failure Time Data With Covariate Measurement Error. <i>Journal of the American Statistical Association</i> , 2001, 96, 706-716.	3.1	15
43	Estimation of the probability for exceeding thresholds of urine specific gravity and plasma concentration of furosemide at various intervals after intravenous administration of furosemide in horses. <i>American Journal of Veterinary Research</i> , 2001, 62, 1349-1353.	0.6	1
44	Estimation of the probability for exceeding a threshold concentration of furosemide at various intervals after intravenous administration in horses. <i>American Journal of Veterinary Research</i> , 2001, 62, 320-325.	0.6	2
45	Statistical Evaluation of the Regulatory Guidelines for Use of Furosemide in Race Horses. <i>Biometrics</i> , 2001, 57, 294-301.	1.4	5
46	Anatomical site-specific response to DNA damage is related to later tumor development in the rat azoxymethane colon carcinogenesis model. <i>Carcinogenesis</i> , 2001, 22, 1831-1835.	2.8	41
47	Parametric and Nonparametric Methods for Understanding the Relationship Between Carcinogen-Induced DNA Adduct Levels in Distal and Proximal Regions of the Colon. <i>Journal of the American Statistical Association</i> , 2001, 96, 816-826.	3.1	14
48	Investigation of Organophilic Montmorillonite Clay Inclusion in Zearalenone-Contaminated Diets Using the Mouse Uterine Weight Bioassay. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2001, 62, 243-258.	2.3	47
49	Morphodensitometric analysis of protein kinase C β II expression in rat colon: modulation by diet and relation to in situ cell proliferation and apoptosis. <i>Carcinogenesis</i> , 2000, 21, 1513-1519.	2.8	17
50	Regression Analysis When Covariates Are Regression Parameters of a Random Effects Model for Observed Longitudinal Measurements. <i>Biometrics</i> , 2000, 56, 487-495.	1.4	65
51	A bias correction regression calibration approach in generalized linear mixed measurement error models. <i>Communications in Statistics - Theory and Methods</i> , 1999, 28, 217-232.	1.0	35
52	Bias Analysis and SIMEX Approach in Generalized Linear Mixed Measurement Error Models. <i>Journal of the American Statistical Association</i> , 1998, 93, 249-261.	3.1	129
53	Bias Analysis and SIMEX Approach in Generalized Linear Mixed Measurement Error Models. <i>Journal of the American Statistical Association</i> , 1998, 93, 249.	3.1	32
54	Quasilikelihood Estimation in Measurement Error Models with Correlated Replicates. <i>Biometrics</i> , 1996, 52, 401.	1.4	41

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55	Estimation of regression parameters in a semiparametric transformation model. Journal of Statistical Planning and Inference, 1996, 52, 331-351.	0.6	7
56	Nonparametric Estimation of the Transformation in the Transform-Both-Sides Regression Model. Journal of the American Statistical Association, 1995, 90, 522-534.	3.1	19
57	Nonparametric Estimation of the Transformation in the Transform-Both-Sides Regression Model. Journal of the American Statistical Association, 1995, 90, 522.	3.1	5
58	Balancing Inferential Integrity and Disclosure Risk Via Model Targeted Masking and Multiple Imputation. Journal of the American Statistical Association, 0, , 1-15.	3.1	4