Jane-Ling Wang

List of Publications by Year
in descending order

92 papers	5,068 citations	186265 28 h-index	98798 67 g-index
92 all docs	92 docs citations	92 times ranked	3809 citing authors

#	Article	IF	Citations
1	Deep learning for the partially linear Cox model. Annals of Statistics, 2022, 50, .	2.6	7
2	Modeling sparse longitudinal data in early neurodevelopment. NeuroImage, 2021, 237, 118079.	4.2	6
3	Basis expansions for functional snippets. Biometrika, 2021, 108, 709-726.	2.4	6
4	Emotional EEG classification using connectivity features and convolutional neural networks. Neural Networks, 2020, 132, 96-107.	5.9	55
5	Time dynamics of COVID-19. Scientific Reports, 2020, 10, 21040.	3.3	29
6	Mountaineers on Mount Everest: Effects of age, sex, experience, and crowding on rates of success and death. PLoS ONE, 2020, 15, e0236919.	2.5	26
7	A new approach to varying-coefficient additive models with longitudinal covariates. Computational Statistics and Data Analysis, 2020, 145, 106912.	1.2	4
8	A New Approach for Functional Connectivity via Alignment of Blood Oxygen Level-Dependent Signals. Brain Connectivity, 2019, 9, 464-474.	1.7	4
9	Longitudinal associations between white matter maturation and cognitive development across early childhood. Human Brain Mapping, 2019, 40, 4130-4145.	3.6	30
10	LCox: a tool for selecting genes related to survival outcomes using longitudinal gene expression data. Statistical Applications in Genetics and Molecular Biology, 2019, 18, .	0.6	0
11	Age-dynamic networks and functional correlation for early white matter myelination. Brain Structure and Function, 2019, 224, 535-551.	2.3	13
12	FMEM: Functional Mixed Effects Models for Longitudinal Functional Responses. Statistica Sinica, 2019, 29, 2007-2033.	0.3	9
13	Local and global temporal correlations for longitudinal data. Journal of Multivariate Analysis, 2018, 167, 1-14.	1.0	4
14	Optimal weighting schemes for longitudinal and functional data. Statistics and Probability Letters, 2018, 138, 165-170.	0.7	14
15	Functional principal component analysis for identifying multivariate patterns and archetypes of growth, and their association with long-term cognitive development. PLoS ONE, 2018, 13, e0207073.	2.5	19
16	Lysozyme-rich milk mitigates effects of malnutrition in a pig model of malnutrition and infection. British Journal of Nutrition, 2018, 120, 1131-1148.	2.3	9
17	Young Pigs Consuming Lysozyme Transgenic Goat Milk Are Protected from Clinical Symptoms of Enterotoxigenic Escherichia coli Infection. Journal of Nutrition, 2017, 147, 2050-2059.	2.9	20
18	Dynamical correlation: A new method for quantifying synchrony with multivariate intensive longitudinal data.. Psychological Methods, 2016, 21, 291-308.	3.5	25

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19	Semiparametric efficient estimation for shared-frailty models with doubly-censored clustered data. Annals of Statistics, 2016, 44, 1298-1331.	2.6	12
20	Functional Data Analysis. Annual Review of Statistics and Its Application, 2016, 3, 257-295.	7.0	506
21	A Functional Approach to Deconvolve Dynamic Neuroimaging Data. Journal of the American Statistical Association, 2016, 111, 1-13.	3.1	11
22	Diet Shapes Mortality Response to Trauma in Old Tephritid Fruit Flies. PLoS ONE, 2016, 11, e0158468.	2.5	1
23	Improved Estimation and Uncertainty Quantification Using Monte Carlo-Based Optimization Algorithms. Journal of Computational and Graphical Statistics, 2015, 24, 771-791.	1.7	0
24	Female access and diet affect insemination success, senescence and the cost of reproduction in the male <scp>M</scp>exican fruit fly <scp>A</scp>nastrepha ludens. Physiological Entomology, 2015, 40, 65-71.	1.5	13
25	Standard error estimation using the EM algorithm for the joint modeling of survival and longitudinal data. Biostatistics, 2014, 15, 731-744.	1.5	16
26	FMEM: Functional mixed effects modeling for the analysis of longitudinal white matter Tract data. NeuroImage, 2014, 84, 753-764.	4.2	23
27	Risk of dementia after anaesthesia and surgery. British Journal of Psychiatry, 2014, 204, 188-193.	2.8	121
28	Spontaneous Neural Fluctuations Predict Decisions to Attend. Journal of Cognitive Neuroscience, 2014, 26, 2578-2584.	2.3	44
29	Time-Varying Additive Models for Longitudinal Data. Journal of the American Statistical Association, 2013, 108, 983-998.	3.1	39
30	Predictive Effect of Serial Serum Alanine Aminotransferase Levels on Spontaneous HBeAg Seroconversion in Chronic Genotype B and C HBVâ€“Infected Children. Journal of Pediatric Gastroenterology and Nutrition, 2012, 54, 97-100.	1.8	38
31	Modeling left-truncated and right-censored survival data with longitudinal covariates. Annals of Statistics, 2012, 40, 1465-1488.	2.6	24
32	Graphical and demographic synopsis of the captive cohort method for estimating population age structure in the wild. Experimental Gerontology, 2012, 47, 787-791.	2.8	14
33	Seasonal trends in Ceratitis capitata reproductive potential derived from live-caught females in Greece. Entomologia Experimentalis Et Applicata, 2011, 140, 181-188.	1.4	7
34	Dietary effects on sex-specific health dynamics of medfly: Support for the dynamic equilibrium model of aging. Experimental Gerontology, 2011, 46, 1026-1030.	2.8	4
35	Stringing High-Dimensional Data for Functional Analysis. Journal of the American Statistical Association, 2011, 106, 275-284.	3.1	26
36	Identifying Differentially Expressed Genes forÂTime-course Microarray Data through Functional Data Analysis. Statistics in Biosciences, 2010, 2, 95-119.	1.2	2

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37	Timeliness and follow-up patterns of cervical cancer detection in a cohort of medically underserved California women. Cancer Causes and Control, 2010, 21, 411-420.	1.8	22
38	Cost of reproduction in male medflies: The primacy of sexual courting in extreme longevity reduction. Journal of Insect Physiology, 2010, 56, 283-287.	2.0	57
39	Lifespan of a Ceratitis fruit fly increases with higher altitude. Biological Journal of the Linnean Society, 2010, 101, 345-350.	1.6	18
40	Semiparametric Efficient Estimation for a Class of Generalized Proportional Odds Cure Models. Journal of the American Statistical Association, 2010, 105, 302-311.	3.1	30
41	Global Partial Likelihood for Nonparametric Proportional Hazards Models. Journal of the American Statistical Association, 2010, 105, 750-760.	3.1	28
42	Nutrients in fruit increase fertility in wild-caught females of large and long-lived Euphaedra species (Lepidoptera, Nymphalidae). Journal of Insect Physiology, 2009, 55, 375-383.	2.0	14
43	The prolongevity effect of resveratrol depends on dietary composition and calorie intake in a tephritid fruit fly. Experimental Gerontology, 2009, 44, 472-476.	2.8	44
44	Leg impairments elicit graded and sex-specific demographic responses in the tephritid fruit fly Anastrepha ludens. Experimental Gerontology, 2009, 44, 541-545.	2.8	7
45	Life table assay of fieldâ€caught Mediterranean fruit flies, Ceratitis capitata, reveals age bias. Entomologia Experimentalis Et Applicata, 2009, 132, 172-181.	1.4	16
46	Discussion: Forecasting functional time series. Journal of the Korean Statistical Society, 2009, 38, 213-215.	0.4	0
47	Smoothing dynamic positron emission tomography time courses using functional principal components. NeuroImage, 2009, 47, 184-193.	4.2	26
48	Adult diet affects lifespan and reproduction of the fruitâ€feeding butterfly CharaxesÂfulvescens. Entomologia Experimentalis Et Applicata, 2008, 129, 54-65.	1.4	22
49	Modeling Longitudinal Data with Nonparametric Multiplicative Random Effects Jointly with Survival Data. Biometrics, 2008, 64, 546-556.	1.4	69
50	Longevityâ€“fertility tradeâ€offs in the tephritid fruit fly, Anastrepha ludens, across dietaryâ€restriction gradients. Aging Cell, 2008, 7, 470-477.	6.7	108
51	Age structure changes and extraordinary lifespan in wild medfly populations. Aging Cell, 2008, 7, 426-437.	6.7	45
52	Amino acid sources in the adult diet do not affect life span and fecundity in the fruitâ€feeding butterfly Bicyclus anynana. Ecological Entomology, 2008, 33, 429-438.	2.2	23
53	SEMI-LINEAR INDEX MODEL WHEN THE LINEAR COVARIATES AND INDICES ARE INDEPENDENT. , 2007, , 197-222.		0
54	Effects of age and gender on success and death of mountaineers on Mount Everest. Biology Letters, 2007, 3, 498-500.	2.3	36

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55	Survival and aging in the wild via residual demography. Theoretical Population Biology, 2007, 72, 513-522.	1.1	27
56	Mosquitoes do senesce: departure from the paradigm of constant mortality. American Journal of Tropical Medicine and Hygiene, 2007, 76, 111-7.	1.4	77
57	Properties of principal component methods for functional and longitudinal data analysis. Annals of Statistics, 2006, 34, 1493.	2.6	298
58	Joint Modeling of Survival and Longitudinal Data: Likelihood Approach Revisited. Biometrics, 2006, 62, 1037-1043.	1.4	153
59	Age-specific and lifetime behavior patterns in Drosophila melanogaster and the Mediterranean fruit fly, Ceratitis capitata. Experimental Gerontology, 2006, 41, 93-97.	2.8	71
60	Stochastic dietary restriction using a Markov-chain feeding protocol elicits complex, life history response in medflies. Aging Cell, 2005, 4, 31-39.	6.7	28
61	Biodemography of a long-lived tephritid: Reproduction and longevity in a large cohort of female Mexican fruit flies,. Experimental Gerontology, 2005, 40, 793-800.	2.8	39
62	Joint modelling of accelerated failure time and longitudinal data. Biometrika, 2005, 92, 587-603.	2.4	117
63	Functional Data Analysis for Sparse Longitudinal Data. Journal of the American Statistical Association, 2005, 100, 577-590.	3.1	1,058
64	Functional linear regression analysis for longitudinal data. Annals of Statistics, 2005, 33, 2873.	2.6	489
65	Demographic window to aging in the wild: constructing life tables and estimating survival functions from marked individuals of unknown age. Aging Cell, 2004, 3, 125-131.	6.7	62
66	Methods of canonical analysis for functional data. Journal of Statistical Planning and Inference, 2004, 122, 141-159.	0.6	45
67	Functional canonical analysis for square integrable stochastic processes. Journal of Multivariate Analysis, 2003, 85, 54-77.	1.0	85
68	A FUNCTIONAL MULTIPLICATIVE EFFECTS MODEL FOR LONGITUDINAL DATA, WITH APPLICATION TO REPRODUCTIVE HISTORIES OF FEMALE MEDFLIES. Statistica Sinica, 2003, 13, 1119-1133.	0.3	14
69	The Relationship between First Postoperative Day Epithelial Status and Eventual Health of the Ocular Surface in Penetrating Keratoplasty. Cornea, 2002, 21, 574-577.	1.7	23
70	A mortality cost of virginity at older ages in female Mediterranean fruit flies. Experimental Gerontology, 2002, 37, 507-512.	2.8	16
71	Life history response of Mediterranean fruit flies to dietary restriction. Aging Cell, 2002, 1, 140-148.	6.7	93
72	Intraocular Lens Power Calculation After Laser In Situ Keratomileusis for Myopia and Hyperopia. Cornea, 2001, 20, 792-797.	1.7	178

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73	Event history graphs for censored survival data. Statistics in Medicine, 2001, 20, 2951-2964.	1.6	14
74	Inference for the Mean Difference in the Two-Sample Random Censorship Model. Journal of Multivariate Analysis, 2001, 79, 295-315.	1.0	8
75	Asymptotic Properties of M-estimators Based on Estimating Equations and Censored Data. Scandinavian Journal of Statistics, 1999, 26, 297-318.	1.4	18
76	Dual Modes of Aging in Mediterranean Fruit Fly Females. , 1998, 281, 996-998.		124
77	Analysis of oldest-old mortality: lifetables revisited. Annals of Statistics, 1998, 26, 126.	2.6	48
78	Statistical modelling via dimension reduction methods. Nonlinear Analysis: Theory, Methods & Applications, 1997, 30, 3561-3568.	1.1	6
79	The Jackknife Estimate of a Kaplan-Meier Integral. Biometrika, 1994, 81, 602.	2.4	19
80	Weak and strong quantile representations for randomly truncated data with applications. Statistics and Probability Letters, 1993, 17, 139-148.	0.7	21
81	Nonparametric estimation of hazard functions and their derivatives under truncation model. Annals of the Institute of Statistical Mathematics, 1993, 45, 249-264.	0.8	5
82	A Comparison of Hazard Rate Estimators for Left Truncated and Right Censored Data. Biometrika, 1992, 79, 297.	2.4	7
83	Locally adaptive hazard smoothing. Probability Theory and Related Fields, 1990, 85, 523-538.	1.8	60
84	Two-Sample Inference for Median Survival Times Based on One-Sample Procedures for Censored Survival Data. Journal of the American Statistical Association, 1990, 85, 529-536.	3.1	29
85	Nonparametric Analysis of Changes in Hazard Rates for Censored Survival Data: An Alternative to Change-Point Models. Biometrika, 1990, 77, 305.	2.4	5
86	Bootstrap Confidence Intervals for Effective Doses in the Probit Model for Doseâ€Response Data. Biometrical Journal, 1990, 32, 529-544.	1.0	2
87	Two-Sample Inference for Median Survival Times Based on One-Sample Procedures for Censored Survival Data. Journal of the American Statistical Association, 1990, 85, 529.	3.1	9
88	Statistical properties of measures of between-group income differentials. Journal of Econometrics, 1989, 42, 5-19.	6.5	16
89	Control percentile test procedures for censored data. Journal of Statistical Planning and Inference, 1988, 18, 267-276.	0.6	24
90	Estimators of a distribution function with increasing failure rate average. Journal of Statistical Planning and Inference, 1987, 16, 415-427.	0.6	12

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91	Nonparametric tests in small unbalanced samples: Application in employment-discrimination cases. Canadian Journal of Statistics, 1987, 15, 339-348.	0.9	22
92	Eigen-Adjusted Functional Principal Component Analysis. Journal of Computational and Graphical Statistics, 0, , 1-28.	1.7	0