Jun Yan

List of Publications by Year
in descending order

		201575	123376
104 papers	4,209 citations	27 h-index	61 g-index
106 all docs	106 docs citations	106 times ranked	6209 citing authors

#	Article	IF	Citations
1	The *R* Package **geepack** for Generalized Estimating Equations. Journal of Statistical Software, 2006, 15, 1.	1.8	1,378
2	Estimating equations for association structures. Statistics in Medicine, 2004, 23, 859-874.	0.8	402
3	Modeling Multivariate Distributions with Continuous Margins Using the **copula** *R* Package. Journal of Statistical Software, 2010, 34, .	1.8	277
4	Characterizing changes in student empathy throughout medical school. Medical Teacher, 2012, 34, 305-311.	1.0	206
5	Electronic Consultations to Improve the Primary Care-Specialty Care Interface for Cardiology in the Medically Underserved: A Cluster-Randomized Controlled Trial. Annals of Family Medicine, 2016, 14, 133-140.	0.9	100
6	Online Updating of Statistical Inference in the Big Data Setting. Technometrics, 2016, 58, 393-403.	1.3	95
7	A goodness-of-fit test for multivariate multiparameter copulas based on multiplier central limit theorems. Statistics and Computing, 2011, 21, 17-30.	0.8	93
8	Fast large-sample goodness-of-fit tests for copulas. Statistica Sinica, 2011, 21, 841.	0.2	80
9	Comparison of three semiparametric methods for estimating dependence parameters in copula models. Insurance: Mathematics and Economics, 2010, 47, 52-63.	0.7	74
10	Statistical methods and computing for big data. Statistics and Its Interface, 2016, 9, 399-414.	0.2	72
11	Elements of Copula Modeling with R. Use R!, 2018, , .	0.3	69
12	A goodness-of-fit test for bivariate extreme-value copulas. Bernoulli, 2011, 17, .	0.7	67
13	Automated threshold selection for extreme value analysis via ordered goodness-of-fit tests with adjustment for false discovery rate. Annals of Applied Statistics, 2018, 12, .	0.5	45
14	Parallelizing MCMC for Bayesian spatiotemporal geostatistical models. Statistics and Computing, 2007, 17, 323-335.	0.8	42
15	Weighted likelihood copula modeling of extreme rainfall events in Connecticut. Journal of Hydrology, 2010, 390, 108-115.	2.3	41
16	Federal Nutrition Program Changes and Healthy Food Availability. American Journal of Preventive Medicine, 2012, 43, 419-422.	1.6	41
17	El Niño–Southern Oscillation influence on winter maximum daily precipitation in California in a spatial model. Water Resources Research, 2011, 47, .	1.7	39
18	Model Selection for Cox Models with Time-Varying Coefficients. Biometrics, 2012, 68, 419-428.	0.8	38

#	ARTICLE	IF	CITATIONS
19	Fitting Accelerated Failure Time Models in Routine Survival Analysis with *R* Package **aftgee**. Journal of Statistical Software, 2014, 61, .	1.8	37
20	Large-sample tests of extreme-value dependence for multivariate copulas. Canadian Journal of Statistics, 2011, 39, 703-720.	0.6	35
21	Reductions in Race and Ethnic Disparities in Hospital Readmissions Following Total Joint Arthroplasty from 2005 to 2015. Journal of Bone and Joint Surgery - Series A, 2019, 101, 2044-2050.	1.4	35
22	Estimating actual rainfall from satellite rainfall products. Atmospheric Research, 2009, 92, 481-488.	1.8	33
23	Racial and Ethnic Disparities in Hospital Readmissions After Delivery. Obstetrics and Gynecology, 2015, 126, 1040-1047.	1.2	33
24	Goodnessâ€ofâ€fit testing based on a weighted bootstrap: A fast largeâ€sample alternative to the parametric bootstrap. Canadian Journal of Statistics, 2012, 40, 480-500.	0.6	32
25	Multivariate Modeling with Copulas and Engineering Applications. , 2006, , 973-990.		31
26	Shape-Restricted Regression Splines with R Package splines2. Journal of Data Science, 2021, , 498-517.	0.5	30
27	On Simulated Likelihood of Discretely Observed Diffusion Processes and Comparison to Closed-Form Approximation. Journal of Computational and Graphical Statistics, 2007, 16, 672-691.	0.9	29
28	Nonparametric rank-based tests of bivariate extreme-value dependence. Journal of Multivariate Analysis, 2010, 101, 2234-2249.	0.5	28
29	Nonparametric error model for a high resolution satellite rainfall product. Water Resources Research, 2011, 47, .	1.7	28
30	On modeling animal movements using Brownian motion with measurement error. Ecology, 2014, 95, 247-253.	1.5	28
31	Unified Geostatistical Modeling for Data Fusion and Spatial Heteroskedasticity with *R* Package **ramps**. Journal of Statistical Software, 2008, 25, .	1.8	26
32	Development of a pilot-scale HuskyJet binder jet 3D printer for additive manufacturing of pharmaceutical tablets. International Journal of Pharmaceutics, 2021, 605, 120791.	2.6	23
33	Tests of serial independence for continuous multivariate time series based on a MÃ¶bius decomposition of the independence empirical copula process. Annals of the Institute of Statistical Mathematics, 2011, 63, 347-373.	0.5	21
34	Are Nonprofit Antipoverty Organizations Located Where They Are Needed? A Spatial Analysis of the Greater Hartford Region. American Statistician, 2014, 68, 243-252.	0.9	21
35	Online updating method with new variables for big data streams. Canadian Journal of Statistics, 2018, 46, 123-146.	0.6	21
36	Incorporating spatial dependence in regional frequency analysis. Water Resources Research, 2014, 50, 9570-9585.	1.7	20

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37	Detection and Attribution of Changes in Extreme Temperatures at Regional Scale. Journal of Climate, 2017, 30, 7035-7047.	1.2	20
38	Spatial stochastic volatility for lattice data. Journal of Agricultural, Biological, and Environmental Statistics, 2007, 12, 25-40.	0.7	19
39	A Nonâ€parametric Test of Exchangeability for Extremeâ€Value and Leftâ€Tail Decreasing Bivariate Copulas. Scandinavian Journal of Statistics, 2012, 39, 480-496.	0.9	19
40	Fast accelerated failure time modeling for case-cohort data. Statistics and Computing, 2014, 24, 559-568.	0.8	19
41	Joint Scale-Change Models for Recurrent Events and Failure Time. Journal of the American Statistical Association, 2017, 112, 794-805.	1.8	19
42	Bayesian dynamic regression models for interval censored survival data with application to children dental health. Lifetime Data Analysis, 2013, 19, 297-316.	0.4	18
43	Marginal semiparametric multivariate accelerated failure time model with generalized estimating equations. Lifetime Data Analysis, 2014, 20, 599-618.	0.4	18
44	An online updating approach for testing the proportional hazards assumption with streams of survival data. Biometrics, 2020, 76, 171-182.	0.8	18
45	Rejoinder to Franke, Kastner and Ziegler. Statistics in Medicine, 2004, 23, 879-880.	0.8	17
46	Transformed Gaussian Markov random fields and spatial modeling of species abundance. Spatial Statistics, 2015, 14, 382-399.	0.9	17
47	Semiparametric Accelerated Failure Time Modeling for Clustered Failure Times From Stratified Sampling. Journal of the American Statistical Association, 2015, 110, 621-629.	1.8	17
48	Toward Optimal Fingerprinting in Detection and Attribution of Changes in Climate Extremes. Journal of the American Statistical Association, 2021, 116, 1-13.	1.8	17
49	PageRank centrality and algorithms for weighted, directed networks. Physica A: Statistical Mechanics and Its Applications, 2022, 586, 126438.	1.2	17
50	Analysis of Episodic Data With Application to Recurrent Pulmonary Exacerbations in Cystic Fibrosis Patients. Journal of the American Statistical Association, 2008, 103, 498-510.	1.8	16
51	Automated selection of r for the r largest order statistics approach with adjustment for sequential testing. Statistics and Computing, 2017, 27, 1435-1451.	0.8	16
52	Regional and sectoral structures of the Chinese economy: A network perspective from multi-regional inputâ€"output tables. Physica A: Statistical Mechanics and Its Applications, 2021, 581, 126196.	1.2	16
53	Asymptotics of an Efficient Monte Carlo Estimation for the Transition Density of Diffusion Processes. Methodology and Computing in Applied Probability, 2007, 9, 483-496.	0.7	14
54	Treatment of the data collection threshold in operational risk: a case study using the lognormal distribution. Journal of Operational Risk, 2012, 7, 3-38.	0.0	13

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55	Copulas. Use R!, 2018, , 9-79.	0.3	12
56	Comparing Regression Coefficients Between Nested Linear Models for Clustered Data With Generalized Estimating Equations. Journal of Educational and Behavioral Statistics, 2013, 38, 172-189.	1.0	11
57	Assortativity measures for weighted and directed networks. Journal of Complex Networks, 2021, 9, .	1.1	11
58	Reparameterized and Marginalized Posterior and Predictive Sampling for Complex Bayesian Geostatistical Models. Journal of Computational and Graphical Statistics, 2009, 18, 262-282.	0.9	10
59	Semiparametric Estimation of the Accelerated Mean Model with Panel Count Data Under Informative Examination Times. Biometrics, 2018, 74, 944-953.	0.8	10
60	Discretely Observed Brownian Motion Governed by Telegraph Process: Estimation. Methodology and Computing in Applied Probability, 2019, 21, 907-920.	0.7	10
61	Cyberattack-resilient load forecasting with adaptive robust regression. International Journal of Forecasting, 2022, 38, 910-919.	3.9	10
62	Quantifying the Human Influence on the Intensity of Extreme 1- and 5-Day Precipitation Amounts at Global, Continental, and Regional Scales. Journal of Climate, 2022, 35, 195-210.	1.2	10
63	Characterizing the uncertainty in river stage forecasts conditional on point forecast values. Water Resources Research, 2012, 48, .	1.7	9
64	Density and distribution evaluation for convolution of independent gamma variables. Computational Statistics, 2020, 35, 327-342.	0.8	9
65	Uncertainty in optimal fingerprinting is underestimated. Environmental Research Letters, 2021, 16, 084043.	2.2	9
66	A Bayesian marked spatial point processes model for basketball shot chart. Journal of Quantitative Analysis in Sports, 2021, 17, 77-90.	0.5	9
67	Intervention Analysis of Hurricane Effects onÂSnail Abundance in a Tropical Forest Using Long-Term Spatiotemporal Data. Journal of Agricultural, Biological, and Environmental Statistics, 2011, 16, 142-156.	0.7	8
68	Functional Association Models for Multivariate Survival Processes. Journal of the American Statistical Association, 2005, 100, 184-196.	1.8	7
69	A Regression Model for the Conditional Probability of a Competing Event: Application to Monoclonal Gammopathy of Unknown Significance. Journal of the Royal Statistical Society Series C: Applied Statistics, 2011, 60, 135-142.	0.5	7
70	A movingâ€"resting process with an embedded Brownian motion for animal movements. Population Ecology, 2014, 56, 401-415.	0.7	7
71	A two-step approach to model precipitation extremes in California based on max-stable and marginal point processes. Annals of Applied Statistics, 2015, 9, .	0.5	7
72	Semiparametric Regression Analysis of Panel Count Data: A Practical Review. International Statistical Review, 2019, 87, 24-43.	1.1	7

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73	Stagewise Generalized Estimating Equations with Grouped Variables. Biometrics, 2017, 73, 1332-1342.	0.8	6
74	Age Differences in Racial/Ethnic Disparities in Preventable Hospitalizations for Heart Failure in Connecticut, 2009-2015: A Population-Based Longitudinal Study. Public Health Reports, 2020, 135, 56-65.	1.3	6
75	Online Updating of Survival Analysis. Journal of Computational and Graphical Statistics, 2021, 30, 1209-1223.	0.9	6
76	Uncovering Symptom Progression History from Disease Registry Data with Application to Young Cystic Fibrosis Patients. Biometrics, 2010, 66, 594-602.	0.8	5
77	Assessing intervention efficacy on high‐risk drinkers using generalized linear mixed models with a new class of link functions. Biometrical Journal, 2013, 55, 912-924.	0.6	4
78	Heterogeneity pursuit for spatial point pattern with application to tree locations: A Bayesian semiparametric recourse. Environmetrics, 2021, 32, e2694.	0.6	4
79	Simultaneous monitoring for regression coefficients and baseline hazard profile in Cox modeling of time-to-event data. Biostatistics, 2021, 22, 756-771.	0.9	4
80	Partly Functional Temporal Process Regression with Semiparametric Profile Estimating Functions. Biometrics, 2009, 65, 431-440.	0.8	3
81	Fitting semiparametric regressions for panel count survival data with an R package spef. Computer Methods and Programs in Biomedicine, 2011, 104, 278-285.	2.6	3
82	Onset of persistent pseudomonas aeruginosa infection in children with cystic fibrosis with interval censored data. BMC Medical Research Methodology, 2016, 16, 122.	1.4	3
83	Copula modeling for data with ties. Statistics and Its Interface, 2020, 13, 103-117.	0.2	3
84	Integrative survival analysis with uncertain event times in application to a suicide risk study. Annals of Applied Statistics, 2020, 14, .	0.5	3
85	On expected occupation time of Brownian bridge. Statistics and Probability Letters, 2015, 97, 83-87.	0.4	2
86	Moving‐resting process with measurement error in animal movement modeling. Methods in Ecology and Evolution, 2021, 12, 2221-2233.	2.2	2
87	A class of goodness-of-fit tests for spatial extremes models based on max-stable processes. Statistics and Its Interface, 2015, 8, 45-62.	0.2	2
88	Augmented Estimating Equations for Semiparametric Panel Count Regression with Informative Observation Times and Censoring Time. Statistica Sinica, 2013, , .	0.2	2
89	Testing Concordance of Clinical Characteristics in Familial Studies with Application to Inflammatory Bowel Diseases. Biometrical Journal, 2007, 49, 840-853.	0.6	1
90	On a Sequential Probability Ratio Test Subject to Incomplete Data. Sequential Analysis, 2011, 30, 441-456.	0.2	1

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91	Discussion of â€˜On studying extreme values and systematic risks with nonlinear time series models and tail dependence measuresâ€™. Statistical Theory and Related Fields, 2021, 5, 38-40.	0.2	1
92	Bayesian Inference of Interval-Censored Survival Data. Chapman & Hall/CRC Biostatistics Series, 2012, , .	0.0	1
93	Univariate Extreme Value Analysis. , 2015, , 1-22.		1
94	Generalized scale-change models for recurrent event processes under informative censoring. Statistica Sinica, 2020, 30, 1773-1795.	0.2	1
95	Diagnostic Tests for the Necessity of Weight in Regression With Survey Data. International Statistical Review, 2023, 91, 55-71.	1.1	1
96	Variance Estimation for Statistics Computed from Single Recurrent Event Processes. Biometrics, 2011, 67, 711-718.	0.8	0
97	In Reply. Obstetrics and Gynecology, 2016, 127, 800.	1.2	0
98	Classes and Families. Use R!, 2018, , 81-132.	0.3	0
99	Graphical Diagnostics, Tests, and Model Selection. Use R!, 2018, , 167-196.	0.3	0
100	Ties, Time Series, and Regression. Use R!, 2018, , 197-254.	0.3	0
101	Efficient interaction selection for clustered data via stagewise generalized estimating equations. Statistics in Medicine, 2020, 39, 2855-2868.	0.8	0
102	Bias analysis of generalized estimating equations under measurement error and practical bias correction. Stat, 2022, 11, e418.	0.3	0
103	Multivariate Extreme Value Analysis. , 2015, , 23-39.		0
104	On occupation time for on-off processes with multiple off-states. Modern Stochastics: Theory and Applications, 2022, , 1-18.	0.2	0