

# Jun Yan

## List of Publications by Year in descending order

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104  
papers

4,209  
citations

201575

27  
h-index

123376

61  
g-index

106  
all docs

106  
docs citations

106  
times ranked

6209  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnostic Tests for the Necessity of Weight in Regression With Survey Data. <i>International Statistical Review</i> , 2023, 91, 55-71.	1.1	1
2	Bias analysis of generalized estimating equations under measurement error and practical bias correction. <i>Stat</i> , 2022, 11, e418.	0.3	0
3	Cyberattack-resilient load forecasting with adaptive robust regression. <i>International Journal of Forecasting</i> , 2022, 38, 910-919.	3.9	10
4	PageRank centrality and algorithms for weighted, directed networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022, 586, 126438.	1.2	17
5	Quantifying the Human Influence on the Intensity of Extreme 1- and 5-Day Precipitation Amounts at Global, Continental, and Regional Scales. <i>Journal of Climate</i> , 2022, 35, 195-210.	1.2	10
6	On occupation time for on-off processes with multiple off-states. <i>Modern Stochastics: Theory and Applications</i> , 2022, , 1-18.	0.2	0
7	Toward Optimal Fingerprinting in Detection and Attribution of Changes in Climate Extremes. <i>Journal of the American Statistical Association</i> , 2021, 116, 1-13.	1.8	17
8	Discussion of "On studying extreme values and systematic risks with nonlinear time series models and tail dependence measures" <sup>TM</sup> . <i>Statistical Theory and Related Fields</i> , 2021, 5, 38-40.	0.2	1
9	Shape-Restricted Regression Splines with R Package splines2. <i>Journal of Data Science</i> , 2021, , 498-517.	0.5	30
10	Online Updating of Survival Analysis. <i>Journal of Computational and Graphical Statistics</i> , 2021, 30, 1209-1223.	0.9	6
11	Assortativity measures for weighted and directed networks. <i>Journal of Complex Networks</i> , 2021, 9, .	1.1	11
12	Development of a pilot-scale HuskyJet binder jet 3D printer for additive manufacturing of pharmaceutical tablets. <i>International Journal of Pharmaceutics</i> , 2021, 605, 120791.	2.6	23
13	Heterogeneity pursuit for spatial point pattern with application to tree locations: A Bayesian semiparametric recourse. <i>Environmetrics</i> , 2021, 32, e2694.	0.6	4
14	Uncertainty in optimal fingerprinting is underestimated. <i>Environmental Research Letters</i> , 2021, 16, 084043.	2.2	9
15	Moving-resting process with measurement error in animal movement modeling. <i>Methods in Ecology and Evolution</i> , 2021, 12, 2221-2233.	2.2	2
16	Regional and sectoral structures of the Chinese economy: A network perspective from multi-regional input-output tables. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 581, 126196.	1.2	16
17	Simultaneous monitoring for regression coefficients and baseline hazard profile in Cox modeling of time-to-event data. <i>Biostatistics</i> , 2021, 22, 756-771.	0.9	4
18	A Bayesian marked spatial point processes model for basketball shot chart. <i>Journal of Quantitative Analysis in Sports</i> , 2021, 17, 77-90.	0.5	9

#	ARTICLE	IF	CITATIONS
19	Density and distribution evaluation for convolution of independent gamma variables. Computational Statistics, 2020, 35, 327-342.	0.8	9
20	An online updating approach for testing the proportional hazards assumption with streams of survival data. Biometrics, 2020, 76, 171-182.	0.8	18
21	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
22	Efficient interaction selection for clustered data via stagewise generalized estimating equations. Statistics in Medicine, 2020, 39, 2855-2868.	0.8	0
23	Generalized scale-change models for recurrent event processes under informative censoring. Statistica Sinica, 2020, 30, 1773-1795.	0.2	1
24	Copula modeling for data with ties. Statistics and Its Interface, 2020, 13, 103-117.	0.2	3
25	Integrative survival analysis with uncertain event times in application to a suicide risk study. Annals of Applied Statistics, 2020, 14, .	0.5	3
26	Semiparametric Regression Analysis of Panel Count Data: A Practical Review. International Statistical Review, 2019, 87, 24-43.	1.1	7
27	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
28	Discretely Observed Brownian Motion Governed by Telegraph Process: Estimation. Methodology and Computing in Applied Probability, 2019, 21, 907-920.	0.7	10
29	Semiparametric Estimation of the Accelerated Mean Model with Panel Count Data Under Informative Examination Times. Biometrics, 2018, 74, 944-953.	0.8	10
30	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
31	Online updating method with new variables for big data streams. Canadian Journal of Statistics, 2018, 46, 123-146.	0.6	21
32	Copulas. Use R!, 2018, , 9-79.	0.3	12
33	Classes and Families. Use R!, 2018, , 81-132.	0.3	0
34	Graphical Diagnostics, Tests, and Model Selection. Use R!, 2018, , 167-196.	0.3	0
35	Ties, Time Series, and Regression. Use R!, 2018, , 197-254.	0.3	0
36	Elements of Copula Modeling with R. Use R!, 2018, , .	0.3	69

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37	Joint Scale-Change Models for Recurrent Events and Failure Time. <i>Journal of the American Statistical Association</i> , 2017, 112, 794-805.	1.8	19
38	Stagewise Generalized Estimating Equations with Grouped Variables. <i>Biometrics</i> , 2017, 73, 1332-1342.	0.8	6
39	Detection and Attribution of Changes in Extreme Temperatures at Regional Scale. <i>Journal of Climate</i> , 2017, 30, 7035-7047.	1.2	20
40	Automated selection of $r$ for the $r$ largest order statistics approach with adjustment for sequential testing. <i>Statistics and Computing</i> , 2017, 27, 1435-1451.	0.8	16
41	Statistical methods and computing for big data. <i>Statistics and Its Interface</i> , 2016, 9, 399-414.	0.2	72
42	In Reply. <i>Obstetrics and Gynecology</i> , 2016, 127, 800.	1.2	0
43	Onset of persistent <i>Pseudomonas aeruginosa</i> infection in children with cystic fibrosis with interval censored data. <i>BMC Medical Research Methodology</i> , 2016, 16, 122.	1.4	3
44	Online Updating of Statistical Inference in the Big Data Setting. <i>Technometrics</i> , 2016, 58, 393-403.	1.3	95
45	Electronic Consultations to Improve the Primary Care-Specialty Care Interface for Cardiology in the Medically Underserved: A Cluster-Randomized Controlled Trial. <i>Annals of Family Medicine</i> , 2016, 14, 133-140.	0.9	100
46	Racial and Ethnic Disparities in Hospital Readmissions After Delivery. <i>Obstetrics and Gynecology</i> , 2015, 126, 1040-1047.	1.2	33
47	Transformed Gaussian Markov random fields and spatial modeling of species abundance. <i>Spatial Statistics</i> , 2015, 14, 382-399.	0.9	17
48	A two-step approach to model precipitation extremes in California based on max-stable and marginal point processes. <i>Annals of Applied Statistics</i> , 2015, 9, .	0.5	7
49	On expected occupation time of Brownian bridge. <i>Statistics and Probability Letters</i> , 2015, 97, 83-87.	0.4	2
50	Semiparametric Accelerated Failure Time Modeling for Clustered Failure Times From Stratified Sampling. <i>Journal of the American Statistical Association</i> , 2015, 110, 621-629.	1.8	17
51	Univariate Extreme Value Analysis. , 2015, , 1-22.		1
52	A class of goodness-of-fit tests for spatial extremes models based on max-stable processes. <i>Statistics and Its Interface</i> , 2015, 8, 45-62.	0.2	2
53	Multivariate Extreme Value Analysis. , 2015, , 23-39.		0
54	On modeling animal movements using Brownian motion with measurement error. <i>Ecology</i> , 2014, 95, 247-253.	1.5	28

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55	Fast accelerated failure time modeling for case-cohort data. <i>Statistics and Computing</i> , 2014, 24, 559-568.	0.8	19
56	Marginal semiparametric multivariate accelerated failure time model with generalized estimating equations. <i>Lifetime Data Analysis</i> , 2014, 20, 599-618.	0.4	18
57	A moving "resting process with an embedded Brownian motion for animal movements. <i>Population Ecology</i> , 2014, 56, 401-415.	0.7	7
58	Are Nonprofit Antipoverty Organizations Located Where They Are Needed? A Spatial Analysis of the Greater Hartford Region. <i>American Statistician</i> , 2014, 68, 243-252.	0.9	21
59	Incorporating spatial dependence in regional frequency analysis. <i>Water Resources Research</i> , 2014, 50, 9570-9585.	1.7	20
60	Fitting Accelerated Failure Time Models in Routine Survival Analysis with <i>R</i> Package <i>aftgee</i> . <i>Journal of Statistical Software</i> , 2014, 61, .	1.8	37
61	Bayesian dynamic regression models for interval censored survival data with application to children dental health. <i>Lifetime Data Analysis</i> , 2013, 19, 297-316.	0.4	18
62	Comparing Regression Coefficients Between Nested Linear Models for Clustered Data With Generalized Estimating Equations. <i>Journal of Educational and Behavioral Statistics</i> , 2013, 38, 172-189.	1.0	11
63	Assessing intervention efficacy on high-risk drinkers using generalized linear mixed models with a new class of link functions. <i>Biometrical Journal</i> , 2013, 55, 912-924.	0.6	4
64	Augmented Estimating Equations for Semiparametric Panel Count Regression with Informative Observation Times and Censoring Time. <i>Statistica Sinica</i> , 2013, , .	0.2	2
65	Characterizing changes in student empathy throughout medical school. <i>Medical Teacher</i> , 2012, 34, 305-311.	1.0	206
66	Characterizing the uncertainty in river stage forecasts conditional on point forecast values. <i>Water Resources Research</i> , 2012, 48, .	1.7	9
67	Federal Nutrition Program Changes and Healthy Food Availability. <i>American Journal of Preventive Medicine</i> , 2012, 43, 419-422.	1.6	41
68	Goodness-of-fit testing based on a weighted bootstrap: A fast large-sample alternative to the parametric bootstrap. <i>Canadian Journal of Statistics</i> , 2012, 40, 480-500.	0.6	32
69	Model Selection for Cox Models with Time-Varying Coefficients. <i>Biometrics</i> , 2012, 68, 419-428.	0.8	38
70	A Nonparametric Test of Exchangeability for Extreme Value and Left-Tail Decreasing Bivariate Copulas. <i>Scandinavian Journal of Statistics</i> , 2012, 39, 480-496.	0.9	19
71	Bayesian Inference of Interval-Censored Survival Data. <i>Chapman &amp; Hall/CRC Biostatistics Series</i> , 2012, , .	0.0	1
72	Treatment of the data collection threshold in operational risk: a case study using the lognormal distribution. <i>Journal of Operational Risk</i> , 2012, 7, 3-38.	0.0	13

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73	Nonparametric error model for a high resolution satellite rainfall product. <i>Water Resources Research</i> , 2011, 47, .	1.7	28
74	El Niño Southern Oscillation influence on winter maximum daily precipitation in California in a spatial model. <i>Water Resources Research</i> , 2011, 47, .	1.7	39
75	A Regression Model for the Conditional Probability of a Competing Event: Application to Monoclonal Gammopathy of Unknown Significance. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2011, 60, 135-142.	0.5	7
76	Variance Estimation for Statistics Computed from Single Recurrent Event Processes. <i>Biometrics</i> , 2011, 67, 711-718.	0.8	0
77	Fitting semiparametric regressions for panel count survival data with an R package <i>spef</i> . <i>Computer Methods and Programs in Biomedicine</i> , 2011, 104, 278-285.	2.6	3
78	A goodness-of-fit test for multivariate multiparameter copulas based on multiplier central limit theorems. <i>Statistics and Computing</i> , 2011, 21, 17-30.	0.8	93
79	Tests of serial independence for continuous multivariate time series based on a Möbius decomposition of the independence empirical copula process. <i>Annals of the Institute of Statistical Mathematics</i> , 2011, 63, 347-373.	0.5	21
80	Intervention Analysis of Hurricane Effects on Snail Abundance in a Tropical Forest Using Long-Term Spatiotemporal Data. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2011, 16, 142-156.	0.7	8
81	Large-sample tests of extreme-value dependence for multivariate copulas. <i>Canadian Journal of Statistics</i> , 2011, 39, 703-720.	0.6	35
82	On a Sequential Probability Ratio Test Subject to Incomplete Data. <i>Sequential Analysis</i> , 2011, 30, 441-456.	0.2	1
83	A goodness-of-fit test for bivariate extreme-value copulas. <i>Bernoulli</i> , 2011, 17, .	0.7	67
84	Fast large-sample goodness-of-fit tests for copulas. <i>Statistica Sinica</i> , 2011, 21, 841.	0.2	80
85	Comparison of three semiparametric methods for estimating dependence parameters in copula models. <i>Insurance: Mathematics and Economics</i> , 2010, 47, 52-63.	0.7	74
86	Nonparametric rank-based tests of bivariate extreme-value dependence. <i>Journal of Multivariate Analysis</i> , 2010, 101, 2234-2249.	0.5	28
87	Uncovering Symptom Progression History from Disease Registry Data with Application to Young Cystic Fibrosis Patients. <i>Biometrics</i> , 2010, 66, 594-602.	0.8	5
88	Weighted likelihood copula modeling of extreme rainfall events in Connecticut. <i>Journal of Hydrology</i> , 2010, 390, 108-115.	2.3	41
89	Modeling Multivariate Distributions with Continuous Margins Using the <i>copula</i> R Package. <i>Journal of Statistical Software</i> , 2010, 34, .	1.8	277
90	Partly Functional Temporal Process Regression with Semiparametric Profile Estimating Functions. <i>Biometrics</i> , 2009, 65, 431-440.	0.8	3

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91	Reparameterized and Marginalized Posterior and Predictive Sampling for Complex Bayesian Geostatistical Models. <i>Journal of Computational and Graphical Statistics</i> , 2009, 18, 262-282.	0.9	10
92	Estimating actual rainfall from satellite rainfall products. <i>Atmospheric Research</i> , 2009, 92, 481-488.	1.8	33
93	Analysis of Episodic Data With Application to Recurrent Pulmonary Exacerbations in Cystic Fibrosis Patients. <i>Journal of the American Statistical Association</i> , 2008, 103, 498-510.	1.8	16
94	Unified Geostatistical Modeling for Data Fusion and Spatial Heteroskedasticity with <i>R</i> Package <i>ramps</i> . <i>Journal of Statistical Software</i> , 2008, 25, .	1.8	26
95	On Simulated Likelihood of Discretely Observed Diffusion Processes and Comparison to Closed-Form Approximation. <i>Journal of Computational and Graphical Statistics</i> , 2007, 16, 672-691.	0.9	29
96	Testing Concordance of Clinical Characteristics in Familial Studies with Application to Inflammatory Bowel Diseases. <i>Biometrical Journal</i> , 2007, 49, 840-853.	0.6	1
97	Spatial stochastic volatility for lattice data. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2007, 12, 25-40.	0.7	19
98	Asymptotics of an Efficient Monte Carlo Estimation for the Transition Density of Diffusion Processes. <i>Methodology and Computing in Applied Probability</i> , 2007, 9, 483-496.	0.7	14
99	Parallelizing MCMC for Bayesian spatiotemporal geostatistical models. <i>Statistics and Computing</i> , 2007, 17, 323-335.	0.8	42
100	The <i>R</i> Package <i>geepack</i> for Generalized Estimating Equations. <i>Journal of Statistical Software</i> , 2006, 15, 1.	1.8	1,378
101	Multivariate Modeling with Copulas and Engineering Applications. , 2006, , 973-990.		31
102	Functional Association Models for Multivariate Survival Processes. <i>Journal of the American Statistical Association</i> , 2005, 100, 184-196.	1.8	7
103	Estimating equations for association structures. <i>Statistics in Medicine</i> , 2004, 23, 859-874.	0.8	402
104	Rejoinder to Franke, Kastner and Ziegler. <i>Statistics in Medicine</i> , 2004, 23, 879-880.	0.8	17