

Xian Zhou

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

88

papers

689

citations

16

h-index

21

g-index

91

ext. papers

772

ext. citations

1.3

avg, IF

4.08

L-index

#	Paper	IF	Citations
88	Optimal unrestricted dynamic stochastic scheduling with partial losses of work due to breakdowns. <i>Annals of Operations Research</i> , 2021 , 298, 43-64	3.2	1
87	Partial sufficient dimension reduction on additive rates model for recurrent event data with high-dimensional covariates. <i>Statistical Papers</i> , 2020 , 61, 523-541	1	1
86	Semiparametric random censorship models for survival data with long-term survivors. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2020 , 49, 2876-2896	0.6	
85	Quantile estimation of partially varying coefficient model for panel count data with informative observation times. <i>Journal of Nonparametric Statistics</i> , 2019 , 31, 932-951	0.7	
84	Partial sufficient dimension reduction on joint model of recurrent and terminal events. <i>Journal of Applied Statistics</i> , 2019 , 46, 522-541	1	
83	On Hodges's superefficiency and merits of oracle property in model selection. <i>Annals of the Institute of Statistical Mathematics</i> , 2019 , 71, 1093-1119	1	0
82	Robust variable selection of joint frailty model for panel count data. <i>Journal of Multivariate Analysis</i> , 2018 , 167, 60-78	1.4	2
81	Multi-type insurance claim processes with high-dimensional covariates. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017 , 46, 500-514	0.6	1
80	Improved estimation of fixed effects panel data partially linear models with heteroscedastic errors. <i>Journal of Multivariate Analysis</i> , 2017 , 154, 96-111	1.4	1
79	Optimal stopping problems with restricted stopping times. <i>Journal of Industrial and Management Optimization</i> , 2017 , 13, 399-411	2	2
78	Asymptotic behaviors of stochastic reserving: Aggregate versus individual models. <i>European Journal of Operational Research</i> , 2016 , 249, 657-666	5.6	14
77	Response to Liang Hong and Ryan Martin on Their Comments on Our Paper Entitled, "Credibility Estimation of Distribution Functions with Applications to Experience Rating in General Insurance" <i>North American Actuarial Journal</i> , 2016 , 20, 99-100	0.7	
76	An individual loss reserving model with independent reporting and settlement. <i>Insurance: Mathematics and Economics</i> , 2015 , 64, 232-245	1.5	10
75	Recurrent Events Analysis in the Presence of Terminal Event and Zero-recurrence Subjects. <i>Communications in Statistics - Theory and Methods</i> , 2015 , 44, 710-725	0.5	3
74	Estimation of copula-based models for lifetime medical costs. <i>Annals of the Institute of Statistical Mathematics</i> , 2015 , 67, 897-915	1	
73	Efficient estimation and variable selection in dynamic panel data partially linear varying coefficient models with incidental parameter. <i>Acta Mathematicae Applicatae Sinica</i> , 2015 , 31, 643-664	0.3	2
72	Efficient Inference for Longitudinal Data Varying-coefficient Regression Models. <i>Australian and New Zealand Journal of Statistics</i> , 2015 , 57, 545-570	0.7	

71	Semiparametric models of longitudinal and time-to-event data with applications to HIV viral dynamics and CD4 counts. <i>Journal of Applied Statistics</i> , 2015 , 42, 2461-2477	1	
70	Credibility Estimation of Distribution Functions with Applications to Experience Rating in General Insurance. <i>North American Actuarial Journal</i> , 2015 , 19, 311-335	0.7	5
69	Copula-based dependence between frequency and class in car insurance with excess zeros. <i>Operations Research Letters</i> , 2014 , 42, 273-277	1	1
68	Optimal Stochastic Scheduling. <i>Profiles in Operations Research</i> , 2014 ,	1	16
67	Optimal Policies for Perishable Products When Transportation to Export Market Is Disrupted. <i>Production and Operations Management</i> , 2014 , 23, 907-923	3.6	26
66	Sufficient dimension reduction on the mean and rate functions of recurrent events. <i>Statistics in Medicine</i> , 2014 , 33, 3693-709	2.3	1
65	ASYMPTOTIC THEORY IN FIXED EFFECTS PANEL DATA SEEMINGLY UNRELATED PARTIALLY LINEAR REGRESSION MODELS. <i>Econometric Theory</i> , 2014 , 30, 407-435	1.1	5
64	Stochastic Machine Breakdowns. <i>Profiles in Operations Research</i> , 2014 , 141-185	1	
63	Sufficient dimension reduction on marginal regression for gaps of recurrent events. <i>Journal of Multivariate Analysis</i> , 2014 , 127, 56-71	1.4	
62	Regular Performance Measures. <i>Profiles in Operations Research</i> , 2014 , 49-94	1	
61	Optimal Policies in Time-Varying Scheduling. <i>Profiles in Operations Research</i> , 2014 , 321-346	1	
60	More Stochastic Scheduling Models. <i>Profiles in Operations Research</i> , 2014 , 347-394	1	0
59	Dynamic Policies. <i>Profiles in Operations Research</i> , 2014 , 253-298	1	
58	Multi-Armed Bandit Processes. <i>Profiles in Operations Research</i> , 2014 , 225-252	1	
57	Stochastic scheduling problems with general position-based learning effects and stochastic breakdowns. <i>Journal of Scheduling</i> , 2013 , 16, 331-336	1.6	12
56	A double-exponential GARCH model for stochastic mortality. <i>European Actuarial Journal</i> , 2013 , 3, 385-406.7		10
55	Open Bandit Processes with Uncountable States and Time-Backward Effects. <i>Journal of Applied Probability</i> , 2013 , 50, 388-402	0.8	3
54	Modeling gap times between recurrent events by marginal rate function. <i>Computational Statistics and Data Analysis</i> , 2012 , 56, 370-383	1.6	12

53	Copula models for insurance claim numbers with excess zeros and time-dependence. <i>Insurance: Mathematics and Economics</i> , 2012 , 50, 191-199	1.5	6
52	Semiparametric model for recurrent event data with excess zeros and informative censoring. <i>Journal of Statistical Planning and Inference</i> , 2012 , 142, 289-300	0.8	8
51	Estimation of medical costs by copula models with dynamic change of health status. <i>Insurance: Mathematics and Economics</i> , 2012 , 51, 480-491	1.5	2
50	Measurement error in proportional hazards models for survival data with long-term survivors. <i>Acta Mathematica Applicatae Sinica</i> , 2012 , 28, 275-288	0.3	
49	Series Estimation in Partially Linear In-Slide Regression Models. <i>Scandinavian Journal of Statistics</i> , 2011 , 38, 89-107	0.8	9
48	Scheduling deteriorating jobs on a single machine subject to breakdowns. <i>Journal of Scheduling</i> , 2011 , 14, 173-186	1.6	13
47	A class of Box-Cox transformation models for recurrent event data. <i>Lifetime Data Analysis</i> , 2011 , 17, 280-301	1.3	18
46	Weighted denoised minimum distance estimation in a regression model with autocorrelated measurement errors. <i>Statistical Papers</i> , 2011 , 52, 263-286	1	2
45	Marginal regression models with time-varying coefficients for recurrent event data. <i>Statistics in Medicine</i> , 2011 , 30, 2265-77	2.3	9
44	Statistical inference on seemingly unrelated varying coefficient partially linear models. <i>Statistica Neerlandica</i> , 2010 , 64, 227-253	0.9	3
43	Semiparametric Estimation in Transformation Models with Cure Fraction. <i>Communications in Statistics - Theory and Methods</i> , 2010 , 39, 3371-3388	0.5	
42	Applying copula models to individual claim loss reserving methods. <i>Insurance: Mathematics and Economics</i> , 2010 , 46, 290-299	1.5	38
41	Statistical inference for panel data semiparametric partially linear regression models with heteroscedastic errors. <i>Journal of Multivariate Analysis</i> , 2010 , 101, 1079-1101	1.4	18
40	Empirical receiver operating characteristic curve for two-sample comparison with cure fractions. <i>Lifetime Data Analysis</i> , 2010 , 16, 316-32	1.3	
39	Inference on a regression model with noised variables and serially correlated errors. <i>Journal of Multivariate Analysis</i> , 2009 , 100, 1182-1197	1.4	1
38	The credibility premiums for models with dependence induced by common effects. <i>Insurance: Mathematics and Economics</i> , 2009 , 44, 19-25	1.5	19
37	Stochastic scheduling on parallel machines to minimize discounted holding costs. <i>Journal of Scheduling</i> , 2009 , 12, 375-388	1.6	7
36	Semiparametric modeling of medical cost data containing zeros. <i>Statistics and Probability Letters</i> , 2009 , 79, 1207-1214	0.6	1

35	Partially linear models and polynomial spline approximations for the analysis of unbalanced panel data. <i>Journal of Statistical Planning and Inference</i> , 2009 , 139, 679-695	0.8	7
34	Semiparametric model for prediction of individual claim loss reserving. <i>Insurance: Mathematics and Economics</i> , 2009 , 45, 1-8	1.5	28
33	Stochastic Scheduling Subject to Preemptive-Repeat Breakdowns with Incomplete Information. <i>Operations Research</i> , 2009 , 57, 1236-1249	2.3	20
32	Stochastic scheduling to minimize expected maximum lateness. <i>European Journal of Operational Research</i> , 2008 , 190, 103-115	5.6	34
31	Inference in the additive risk model with time-varying covariates subject to measurement errors. <i>Statistics and Probability Letters</i> , 2008 , 78, 2559-2566	0.6	6
30	Discrete-time survival models with long-term survivors. <i>Statistics in Medicine</i> , 2008 , 27, 1261-81	2.3	20
29	Confidence intervals for the scale parameter of exponential distribution based on Type II doubly censored samples. <i>Journal of Statistical Planning and Inference</i> , 2008 , 138, 2045-2058	0.8	13
28	Improved minimax estimation of the bivariate normal precision matrix under the squared loss. <i>Statistics and Probability Letters</i> , 2008 , 78, 127-134	0.6	
27	Local Linear Regression in Proportional Hazards Model with Censored Data. <i>Communications in Statistics - Theory and Methods</i> , 2007 , 36, 2761-2776	0.5	
26	Single-machine scheduling with general costs under compound-type distributions. <i>Journal of Scheduling</i> , 2007 , 10, 77-84	1.6	4
25	Single-machine scheduling to stochastically minimize maximum lateness. <i>Journal of Scheduling</i> , 2007 , 10, 293-301	1.6	16
24	Proportional hazards models for survival data with long-term survivors. <i>Statistics and Probability Letters</i> , 2006 , 76, 1685-1693	0.6	12
23	Statistical inference in a panel data semiparametric regression model with serially correlated errors. <i>Journal of Multivariate Analysis</i> , 2006 , 97, 844-873	1.4	6
22	A new characterization of distortion premiums via countable additivity for comonotonic risks. <i>Insurance: Mathematics and Economics</i> , 2006 , 38, 324-334	1.5	17
21	STOCHASTIC SCHEDULING WITH ASYMMETRIC EARLINESS AND TARDINESS PENALTIES UNDER RANDOM MACHINE BREAKDOWNS. <i>Probability in the Engineering and Informational Sciences</i> , 2006 , 20, 635-654	0.6	4
20	Empirical likelihood in a regression model with noised variables. <i>Journal of Statistical Planning and Inference</i> , 2006 , 136, 3478-3497	0.8	
19	Jackknifing in partially linear regression models with serially correlated errors. <i>Journal of Multivariate Analysis</i> , 2005 , 92, 386-404	1.4	8
18	The law of iterated logarithm of estimators for partially linear panel data models. <i>Statistics and Probability Letters</i> , 2005 , 75, 267-279	0.6	

17	Single-Machine Scheduling with Exponential Processing Times and General Stochastic Cost Functions. <i>Journal of Global Optimization</i> , 2005 , 31, 317-332	1.5	25
16	Asymptotic Properties of the ISE in Nonparametric Regressions with Serially Correlated Errors. <i>Communications in Statistics - Theory and Methods</i> , 2005 , 34, 943-953	0.5	
15	A Probability-based Uncertainty Model for Point-in-Polygon Analysis in GIS. <i>Geoinformatica</i> , 2004 , 8, 71-98	8.5	8
14	A new parametric model for survival data with long-term survivors. <i>Statistics in Medicine</i> , 2004 , 23, 3525-3543	4.3	8
13	Deterministic and stochastic scheduling with teamwork tasks. <i>Naval Research Logistics</i> , 2004 , 51, 818-840	0.5	5
12	Stochastic scheduling subject to machine breakdowns: The preemptive-repeat model with discounted reward and other criteria. <i>Naval Research Logistics</i> , 2004 , 51, 800-817	1.5	21
11	Wavelet estimation in varying-coefficient partially linear regression models. <i>Statistics and Probability Letters</i> , 2004 , 68, 91-104	0.6	34
10	STOCHASTIC SCHEDULING WITH PREEMPTIVE-REPEAT MACHINE BREAKDOWNS TO MINIMIZE THE EXPECTED WEIGHTED FLOW TIME. <i>Probability in the Engineering and Informational Sciences</i> , 2003 , 17, 467-485	0.6	20
9	Regression analysis for a semiparametric model with panel data. <i>Statistics and Probability Letters</i> , 2002 , 58, 309-317	0.6	
8	Estimating the Expected Total Number of Events in a Process. <i>Journal of the American Statistical Association</i> , 2002 , 97, 577-589	2.8	1
7	CONVERGENCE RATES OF ESTIMATORS IN PARTIAL LINEAR REGRESSION MODELS WITH MA(1) ERROR PROCESS. <i>Communications in Statistics - Theory and Methods</i> , 2002 , 31, 2251-2273	0.5	14
6	Survival function and density estimation for truncated dependent data. <i>Statistics and Probability Letters</i> , 2001 , 52, 47-57	0.6	12
5	Estimation of the Multivariate Normal Precision Matrix under the Entropy Loss. <i>Annals of the Institute of Statistical Mathematics</i> , 2001 , 53, 760-768	1	8
4	Asymmetric Earliness and Tardiness Scheduling with Exponential Processing Times on an Unreliable Machine. <i>Annals of Operations Research</i> , 2000 , 98, 313-331	3.2	18
3	On an interval splitting problem. <i>Statistics and Probability Letters</i> , 1990 , 10, 321-324	0.6	5
2	Asymptotic efficiencies of spacings tests for goodness of fit. <i>Metrika</i> , 1989 , 36, 355-377	0.8	19
1	Bahadur efficiencies of spacings tests for goodness of fit. <i>Annals of the Institute of Statistical Mathematics</i> , 1989 , 41, 541-553	1	13