

# Jun Yang

## List of Publications by Year in descending order

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55  
papers

1,710  
citations

430874

18  
h-index

395702

33  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1109  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-domain video concept detection using adaptive svms. , 2007, , .		497
2	Reliability of demand-based phased-mission systems subject to fault level coverage. Reliability Engineering and System Safety, 2014, 121, 18-25.	8.9	109
3	Reliability modeling for mutually dependent competing failure processes due to degradation and random shocks. Applied Mathematical Modelling, 2017, 51, 232-249.	4.2	97
4	Reliability analysis and optimal structure of series-parallel phased-mission systems subject to fault-level coverage. IIE Transactions, 2016, 48, 736-746.	2.1	79
5	Reliability analysis for dependent competing failure processes with changing degradation rate and hard failure threshold levels. Computers and Industrial Engineering, 2018, 118, 340-351.	6.3	76
6	An ARIMA Model With Adaptive Orders for Predicting Blood Glucose Concentrations and Hypoglycemia. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1251-1260.	6.3	72
7	Reliability analysis of repairable multi-state system with common bus performance sharing. Reliability Engineering and System Safety, 2014, 132, 90-96.	8.9	71
8	Reliability evaluation of non-repairable phased-mission common bus systems with common cause failures. Computers and Industrial Engineering, 2017, 111, 445-457.	6.3	49
9	Reliability assessment of multi-state phased mission systems with common bus performance sharing considering transmission loss and performance storage. Reliability Engineering and System Safety, 2020, 199, 106917.	8.9	46
10	Design of exponential control charts based on average time to signal using a sequential sampling scheme. International Journal of Production Research, 2015, 53, 2131-2145.	7.5	43
11	Design of Gamma Charts Based on Average Time to Signal. Quality and Reliability Engineering International, 2016, 32, 1041-1058.	2.3	37
12	Performance reliability evaluation for mobile ad hoc networks. Reliability Engineering and System Safety, 2018, 169, 32-39.	8.9	37
13	Reliability evaluation of linear multi-state consecutively-connected systems constrained by m consecutive and n total gaps. Reliability Engineering and System Safety, 2016, 150, 35-43.	8.9	32
14	Uniform design for the parameters optimization of pin-fins channel heat sink. Applied Thermal Engineering, 2017, 120, 289-297.	6.0	30
15	Binary decision diagram-based reliability evaluation of $k$ -out-of- $(n + k)$ warm standby systems subject to fault-level coverage. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2013, 227, 540-548.	0.7	28
16	Reliability evaluation of a $k$ -out-of- $n(G)$ -subsystem based multi-state phased mission system with common bus performance sharing subjected to common cause failures. Reliability Engineering and System Safety, 2021, 216, 108003.	8.9	26
17	Outlier identification and robust parameter estimation in a zero-inflated Poisson model. Journal of Applied Statistics, 2011, 38, 421-430.	1.3	24
18	Remaining Useful Life Prediction of Rolling Bearings Based on RMS-MAVE and Dynamic Exponential Regression Model. IEEE Access, 2019, 7, 169705-169714.	4.2	23

#	ARTICLE	IF	CITATIONS
19	Reliability analysis of composite insulators subject to multiple dependent competing failure processes with shock duration and shock damage self-recovery. Reliability Engineering and System Safety, 2020, 204, 107166.	8.9	23
20	Dependent Competing Failure Modeling for the GIL Subject to Partial Discharge and Air Leakage With Random Degradation Initiation Time. IEEE Transactions on Reliability, 2019, 68, 1070-1079.	4.6	20
21	Reliability Evaluation and Reliability-Based Optimal Design for Wireless Sensor Networks. IEEE Systems Journal, 2020, 14, 1752-1763.	4.6	19
22	A Study of Control Chart for Monitoring Exponentially Distributed Characteristics Based On Type-II Censored Samples. Quality and Reliability Engineering International, 2017, 33, 1513-1526.	2.3	18
23	Two CUSUM schemes for simultaneous monitoring of parameters of a shifted exponential time to events. Quality and Reliability Engineering International, 2018, 34, 1158-1173.	2.3	18
24	Robustness evaluation of the air cargo network considering node importance and attack cost. Reliability Engineering and System Safety, 2022, 217, 108026.	8.9	18
25	Space-partition method for the variance-based sensitivity analysis: Optimal partition scheme and comparative study. Reliability Engineering and System Safety, 2014, 131, 66-82.	8.9	17
26	Terminal Reliability of Ad Hoc Networks Considering the Impacts of Node Failures and Interference. IEEE Transactions on Reliability, 2020, 69, 725-739.	4.6	17
27	Two Inverse Normalizing Transformation methods for the process capability analysis of non-normal process data. Computers and Industrial Engineering, 2016, 102, 88-98.	6.3	15
28	Optimal design of facility allocation and maintenance strategy for a cellular network. Reliability Engineering and System Safety, 2021, 205, 107253.	8.9	14
29	Reliability Assessment of Multi-State Phased Mission Systems With Common Bus Performance Sharing Subjected to Epistemic Uncertainty. IEEE Transactions on Reliability, 2022, 71, 1281-1293.	4.6	14
30	Reliability of nonrepairable phased-mission systems with common bus performance sharing. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2018, 232, 647-660.	0.7	13
31	The continuous maximal covering location problem in large-scale natural disaster rescue scenes. Computers and Industrial Engineering, 2020, 146, 106608.	6.3	13
32	Reliability modeling-based tolerance design and process parameter analysis considering performance degradation. Reliability Engineering and System Safety, 2021, 207, 107343.	8.9	11
33	Reliability analysis for multi-component systems considering stochastic dependency based on factor analysis. Mechanical Systems and Signal Processing, 2022, 169, 108754.	8.0	11
34	Hypothesis testing of process capability index Cpk from the perspective of generalized fiducial inference. Quality and Reliability Engineering International, 2021, 37, 1578-1598.	2.3	9
35	A fake review identification framework considering the suspicion degree of reviews with time burst characteristics. Expert Systems With Applications, 2022, 190, 116207.	7.6	9
36	Control Limits Based on the Narrowest Confidence Interval. Communications in Statistics - Theory and Methods, 2011, 40, 2172-2181.	1.0	8

#	ARTICLE	IF	CITATIONS
37	Process capability analysis for manufacturing processes based on the truncated data from supplier products. <i>International Journal of Production Research</i> , 2020, 58, 6235-6251.	7.5	8
38	Planning constant-stress accelerated life tests with multiple stresses based on D-optimal design. <i>Quality and Reliability Engineering International</i> , 2021, 37, 60-77.	2.3	8
39	Remaining useful life prediction for degrading systems with random shocks considering measurement uncertainty. <i>Journal of Manufacturing Systems</i> , 2021, 61, 782-798.	13.9	8
40	Design of Gamma control charts based on the narrowest confidence interval. , 2016, , .		5
41	A Novel Quality Requirement Design Method for the Quality Characteristic of Rubber Products Based on the Reliability Constraint. <i>IEEE Access</i> , 2018, 6, 17887-17895.	4.2	5
42	A double-sampling SPM scheme for simultaneously monitoring of location and scale shifts and its joint design with maintenance strategies. <i>Journal of Manufacturing Systems</i> , 2020, 54, 94-102.	13.9	5
43	Multivariate control chart based on the highest possibility region. <i>Journal of Applied Statistics</i> , 2013, 40, 1673-1681.	1.3	4
44	Process Capability Indices Based on the Highest Density Interval. <i>Quality and Reliability Engineering International</i> , 2015, 31, 1327-1335.	2.3	4
45	A predictive model incorporating the change detection and Winsorization methods for alerting hypoglycemia and hyperglycemia. <i>Medical and Biological Engineering and Computing</i> , 2021, 59, 2311-2324.	2.8	4
46	An ARL-unbiased design of Gamma control chart. , 2015, , .		3
47	A new statistical inference method for multi-stress accelerated life testing based on random variable transformation. <i>Applied Mathematical Modelling</i> , 2021, 100, 379-393.	4.2	3
48	Unsupervised domain adaptation via discriminative feature learning and classifier adaptation from center-based distances. <i>Knowledge-Based Systems</i> , 2022, 250, 109022.	7.1	3
49	Control Chart Based on Middle Mean for Fine Manufacturing Process. <i>Advanced Materials Research</i> , 0, 339, 406-410.	0.3	2
50	Designing adaptive accelerated life tests using Bayesian methods. <i>Quality and Reliability Engineering International</i> , 2017, 33, 2269-2279.	2.3	2
51	Selective maintenance of multi-state systems with the repairperson fatigue effect and stochastic break duration. <i>Quality and Reliability Engineering International</i> , 2023, 39, 3350-3368.	2.3	2
52	Process quality recheck for Gamma quality characteristic from supplier products: a case study on radio-frequency power. <i>International Journal of Production Research</i> , 0, , 1-17.	7.5	1
53	A Novel Method for the Optimal Design of Mobile Ad Hoc Networks. , 2018, , .		0
54	An Adaptive Use Strategy for Solid-State Lasers by Combining Maximum Likelihood Estimation With Model Predictive Control. <i>IEEE Access</i> , 2019, 7, 145901-145909.	4.2	0

#	ARTICLE	IF	CITATIONS
55	Reliability of Demand-Based Warm Standby System with Common Bus Performance Sharing. , 2021, , 123-143.		0