

Lirong Cui

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169
papers

2,727
citations

30
h-index

42
g-index

173
ext. papers

3,301
ext. citations

3.1
avg, IF

6.29
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 169 | Optimal mission abort policy for systems subject to random shocks based on virtual age process. <i>Reliability Engineering and System Safety</i> , 2019 , 189, 11-20 | 6.3 | 70 |
| 168 | Availability and maintenance modelling for systems subject to multiple failure modes. <i>Computers and Industrial Engineering</i> , 2017 , 108, 192-198 | 6.4 | 69 |
| 167 | Analysis for joint importance of components in a coherent system. <i>European Journal of Operational Research</i> , 2007 , 182, 282-299 | 5.6 | 69 |
| 166 | Reliability evaluation based on a dependent two-stage failure process with competing failures. <i>Applied Mathematical Modelling</i> , 2018 , 64, 699-712 | 4.5 | 65 |
| 165 | A study on a single-unit Markov repairable system with repair time omission. <i>IEEE Transactions on Reliability</i> , 2006 , 55, 182-188 | 4.6 | 61 |
| 164 | Reliability and availability analysis of stochastic degradation systems based on bivariate Wiener processes. <i>Applied Mathematical Modelling</i> , 2020 , 79, 414-433 | 4.5 | 59 |
| 163 | Reliability evaluation of generalised multi-state k-out-of-n systems based on FMCI approach. <i>International Journal of Systems Science</i> , 2010 , 41, 1437-1443 | 2.3 | 58 |
| 162 | Reliabilities for (n,f,k) systems. <i>Statistics and Probability Letters</i> , 1999 , 43, 237-242 | 0.6 | 57 |
| 161 | Gamma process based optimal mission abort policy. <i>Reliability Engineering and System Safety</i> , 2019 , 190, 106496 | 6.3 | 56 |
| 160 | Availability of a periodically inspected system with random repair or replacement times. <i>Journal of Statistical Planning and Inference</i> , 2005 , 131, 89-100 | 0.8 | 53 |
| 159 | Reliability modeling for degradation-shock dependence systems with multiple species of shocks. <i>Reliability Engineering and System Safety</i> , 2019 , 185, 133-143 | 6.3 | 52 |
| 158 | Optimal maintenance policy considering maintenance errors for systems operating under performance-based contracts. <i>Computers and Industrial Engineering</i> , 2017 , 112, 147-155 | 6.4 | 51 |
| 157 | On the dual reliability systems of and. <i>Statistics and Probability Letters</i> , 2006 , 76, 1081-1088 | 0.6 | 51 |
| 156 | Modeling the evolution of system reliability performance under alternative environments. <i>IIE Transactions</i> , 2011 , 43, 761-772 | | 50 |
| 155 | Markov Repairable Systems with History-Dependent Up and Down States. <i>Stochastic Models</i> , 2007 , 23, 665-681 | 0.5 | 49 |
| 154 | Opportunistic Maintenance for Multi-component Shock Models. <i>Mathematical Methods of Operations Research</i> , 2006 , 63, 493-511 | 1 | 46 |
| 153 | Reliability analysis for multi-component systems with degradation interaction and categorized shocks. <i>Applied Mathematical Modelling</i> , 2018 , 56, 487-500 | 4.5 | 41 |

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| 152 | Developments and Applications of the Finite Markov Chain Imbedding Approach in Reliability. <i>IEEE Transactions on Reliability</i> , 2010 , 59, 685-690 | 4.6 | 40 |
| 151 | Two-Phase Degradation Process Model With Abrupt Jump at Change Point Governed by Wiener Process. <i>IEEE Transactions on Reliability</i> , 2017 , 66, 1345-1360 | 4.6 | 39 |
| 150 | An Analysis of Availability for Series Markov Repairable System With Neglected or Delayed Failures. <i>IEEE Transactions on Reliability</i> , 2010 , 59, 734-743 | 4.6 | 36 |
| 149 | Reliability for Sparsely Connected Consecutive- k Systems. <i>IEEE Transactions on Reliability</i> , 2007 , 56, 516-524 | 4.6 | 36 |
| 148 | A study on stochastic degradation process models under different types of failure Thresholds. <i>Reliability Engineering and System Safety</i> , 2019 , 181, 202-212 | 6.3 | 36 |
| 147 | Optimal allocation of units in sequential probability series systems. <i>Reliability Engineering and System Safety</i> , 2018 , 169, 351-363 | 6.3 | 35 |
| 146 | . <i>IEEE Transactions on Reliability</i> , 2013 , 62, 811-820 | 4.6 | 35 |
| 145 | Aggregated semi-Markov repairable systems with history-dependent up and down states. <i>Mathematical and Computer Modelling</i> , 2011 , 53, 883-895 | | 33 |
| 144 | Degradation Models With Wiener Diffusion Processes Under Calibrations. <i>IEEE Transactions on Reliability</i> , 2016 , 65, 613-623 | 4.6 | 32 |
| 143 | Inspection schemes for general systems. <i>IIE Transactions</i> , 2004 , 36, 817-825 | | 32 |
| 142 | Dynamic mission abort policy for systems operating in a controllable environment with self-healing mechanism. <i>Reliability Engineering and System Safety</i> , 2020 , 203, 107069 | 6.3 | 31 |
| 141 | m -Consecutive- k , l -Out-of- n Systems. <i>IEEE Transactions on Reliability</i> , 2015 , 64, 386-393 | 4.6 | 30 |
| 140 | Reliability analysis for a Wiener degradation process model under changing failure thresholds. <i>Reliability Engineering and System Safety</i> , 2018 , 171, 1-8 | 6.3 | 30 |
| 139 | Reliability Modeling on Consecutive- k_r -out-of- n_r r :F Linear Zigzag Structure and Circular Polygon Structure. <i>IEEE Transactions on Reliability</i> , 2016 , 65, 1509-1521 | 4.6 | 29 |
| 138 | Availability and optimal maintenance policy for systems degrading in dynamic environments. <i>European Journal of Operational Research</i> , 2019 , 276, 133-143 | 5.6 | 29 |
| 137 | Reliability for k -out-of- n :F balanced systems with m sectors. <i>IIE Transactions</i> , 2018 , 50, 381-393 | 3.3 | 28 |
| 136 | A study on a single-unit repairable system with state aggregations. <i>IIE Transactions</i> , 2012 , 44, 1022-1032 | | 27 |
| 135 | On a generalized k -out-of- n system and its reliability. <i>International Journal of Systems Science</i> , 2005 , 36, 267-274 | 2.3 | 27 |

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| 134 | System Reliability Under Cascading Failure Models. <i>IEEE Transactions on Reliability</i> , 2016 , 65, 929-940 | 4.6 | 26 |
| 133 | Availability analysis of periodically inspected systems with random walk model. <i>Journal of Applied Probability</i> , 2001 , 38, 860-871 | 0.8 | 26 |
| 132 | Modeling and analysis for multi-state systems with discrete-time Markov regime-switching. <i>Reliability Engineering and System Safety</i> , 2017 , 166, 41-49 | 6.3 | 25 |
| 131 | Availability analysis of periodically inspected systems with random walk model. <i>Journal of Applied Probability</i> , 2001 , 38, 860-871 | 0.8 | 25 |
| 130 | Reliability for systems with self-healing effect under shock models. <i>Quality Technology and Quantitative Management</i> , 2018 , 15, 551-567 | 1.9 | 24 |
| 129 | MDD-based performability analysis of multi-state linear consecutive-k-out-of-n: F systems. <i>Reliability Engineering and System Safety</i> , 2017 , 166, 124-131 | 6.3 | 24 |
| 128 | Reliability and Birnbaum Importance for Sparsely Connected Circular Consecutive- k Systems. <i>IEEE Transactions on Reliability</i> , 2015 , 64, 1140-1157 | 4.6 | 24 |
| 127 | On the Accelerated Scan Finite Markov Chain Imbedding Approach. <i>IEEE Transactions on Reliability</i> , 2009 , 58, 383-388 | 4.6 | 24 |
| 126 | Extended Phase-type models for multistate competing risk systems. <i>Reliability Engineering and System Safety</i> , 2019 , 181, 1-16 | 6.3 | 24 |
| 125 | Maintenance policies for energy systems subject to complex failure processes and power purchasing agreement. <i>Computers and Industrial Engineering</i> , 2018 , 119, 193-203 | 6.4 | 23 |
| 124 | Component Importance for Multi-State System Lifetimes With Renewal Functions. <i>IEEE Transactions on Reliability</i> , 2014 , 63, 105-117 | 4.6 | 23 |
| 123 | Reliability analysis of semi-Markov systems with restriction on transition times. <i>Reliability Engineering and System Safety</i> , 2019 , 190, 106516 | 6.3 | 22 |
| 122 | Reliability analysis of Markov history-dependent repairable systems with neglected failures. <i>Reliability Engineering and System Safety</i> , 2017 , 159, 134-142 | 6.3 | 22 |
| 121 | Reliability performance for dynamic systems with cycles of K regimes. <i>IIE Transactions</i> , 2016 , 48, 389-402 | | 21 |
| 120 | Markov repairable systems with stochastic regimes switching. <i>Journal of Systems Engineering and Electronics</i> , 2011 , 22, 773-779 | 1.3 | 21 |
| 119 | New interval availability indexes for Markov repairable systems. <i>Reliability Engineering and System Safety</i> , 2017 , 168, 12-17 | 6.3 | 20 |
| 118 | System performance of damage self-healing systems under random shocks by using discrete state method. <i>Computers and Industrial Engineering</i> , 2018 , 125, 124-134 | 6.4 | 20 |
| 117 | Reliability measures for two-part partition of states for aggregated Markov repairable systems. <i>Annals of Operations Research</i> , 2014 , 212, 93-114 | 3.2 | 20 |

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| 116 | Availability and maintenance modeling for systems subject to dependent hard and soft failures. <i>Applied Stochastic Models in Business and Industry</i> , 2018 , 34, 513-527 | 1.1 | 19 |
| 115 | Balanced reliability systems under Markov processes. <i>IIEE Transactions</i> , 2019 , 51, 1025-1035 | 3.3 | 19 |
| 114 | Reliability analysis of a system with two-stage degradation using Wiener processes with piecewise linear drift. <i>IMA Journal of Management Mathematics</i> , 2021 , 32, 3-29 | 1.4 | 19 |
| 113 | Performability analysis of multi-state series-parallel systems with heterogeneous components. <i>Reliability Engineering and System Safety</i> , 2018 , 171, 48-56 | 6.3 | 19 |
| 112 | A performance measure for Markov system with stochastic supply patterns and stochastic demand patterns. <i>Reliability Engineering and System Safety</i> , 2013 , 119, 294-299 | 6.3 | 18 |
| 111 | Interval reliability for aggregated Markov repairable system with repair time omission. <i>Annals of Operations Research</i> , 2014 , 212, 169-183 | 3.2 | 18 |
| 110 | A Study on the Reliability of Consecutive k-Out-of-n: G Systems Based on Copula. <i>Communications in Statistics - Theory and Methods</i> , 2010 , 39, 2455-2472 | 0.5 | 18 |
| 109 | Preventive maintenance policy of single-unit systems based on shot-noise process. <i>Quality and Reliability Engineering International</i> , 2019 , 35, 550-560 | 2.6 | 18 |
| 108 | Distribution and availability for aggregated second-order semi-Markov ternary system with working time omission. <i>Reliability Engineering and System Safety</i> , 2017 , 166, 50-60 | 6.3 | 17 |
| 107 | Reliability Research of k-out-of-n: G Supply Chain System Based on Copula. <i>Communications in Statistics - Theory and Methods</i> , 2012 , 41, 4023-4033 | 0.5 | 17 |
| 106 | Performance Analysis for a Wireless Sensor Network of Star Topology with Random Nodes Deployment. <i>Wireless Personal Communications</i> , 2017 , 97, 3993-4013 | 1.9 | 16 |
| 105 | Exact Reliability of a Linear Connected- (r,s) -out-of- (m,n) : F System. <i>IEEE Transactions on Reliability</i> , 2011 , 60, 689-698 | 4.6 | 16 |
| 104 | Reliability modeling for a two-phase degradation system with a change point based on a Wiener process. <i>Reliability Engineering and System Safety</i> , 2020 , 193, 106601 | 6.3 | 16 |
| 103 | Reliability performance for dynamic multi-state repairable systems with K regimes. <i>IIEE Transactions</i> , 2017 , 49, 911-926 | 3.3 | 15 |
| 102 | Sensor-based calibrations to improve reliability of systems subject to multiple dependent competing failure processes. <i>Reliability Engineering and System Safety</i> , 2017 , 160, 101-113 | 6.3 | 15 |
| 101 | . <i>IEEE Transactions on Reliability</i> , 2015 , 64, 359-375 | 4.6 | 15 |
| 100 | A note on the proof for the optimal consecutive-k-out-of-n:G line for $n \geq 2k$. <i>Journal of Statistical Planning and Inference</i> , 2008 , 138, 1516-1520 | 0.8 | 15 |
| 99 | Reliability of repairable multi-state two-phase mission systems with finite number of phase switches. <i>Applied Mathematical Modelling</i> , 2020 , 77, 1229-1241 | 4.5 | 15 |

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| 98 | A Study on Joint Availability for k out of n and Consecutive k out of n Points and Intervals. <i>Quality Technology and Quantitative Management</i> , 2013 , 10, 179-191 | 1.9 | 14 |
| 97 | Maintenance Models and Optimization 2008 , 789-805 | | 13 |
| 96 | A Study on Reliability for A Two-Item Cold Standby Markov Repairable System with Neglected Failures. <i>Communications in Statistics - Theory and Methods</i> , 2012 , 41, 3988-3999 | 0.5 | 12 |
| 95 | AN AVAILABILITY MODEL FOR STORAGE PRODUCTS UNDER PERIODICAL INSPECTIONS. <i>International Journal of Reliability, Quality and Safety Engineering</i> , 2010 , 17, 89-103 | 0.6 | 12 |
| 94 | Availability and maintenance modeling for a two-component system with dependent failures over a finite time horizon. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2019 , 233, 200-210 | 0.8 | 12 |
| 93 | A multiple warm standby shock system with a repairman having multiple vacations. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017 , 46, 3172-3186 | 0.6 | 11 |
| 92 | Stochastic properties and reliability measures of discrete-time semi-Markovian systems. <i>Reliability Engineering and System Safety</i> , 2018 , 176, 162-173 | 6.3 | 11 |
| 91 | Reliabilities for $(n, f, k(i, j))$ and $\langle n, f, k(i, j) \rangle$ Systems. <i>Communications in Statistics - Theory and Methods</i> , 2006 , 35, 1779-1789 | 0.5 | 11 |
| 90 | Reliability for discrete state systems with cyclic missions periods. <i>Applied Mathematical Modelling</i> , 2016 , 40, 10783-10799 | 4.5 | 11 |
| 89 | A new computation method for signature: Markov process method. <i>Naval Research Logistics</i> , 2018 , 65, 410-426 | 1.5 | 11 |
| 88 | Reliability evaluation of Markov renewal shock models with multiple failure mechanisms. <i>Reliability Engineering and System Safety</i> , 2020 , 202, 107051 | 6.3 | 10 |
| 87 | A cold standby repairable system with the repairman having multiple vacations and operational, repair, and vacation times following phase-type distributions. <i>Communications in Statistics - Theory and Methods</i> , 2016 , 45, 850-858 | 0.5 | 10 |
| 86 | Traffic accident modelling via self-exciting point processes. <i>Reliability Engineering and System Safety</i> , 2018 , 180, 312-320 | 6.3 | 10 |
| 85 | Performability Analysis of Large-Scale Multi-State Computing Systems. <i>IEEE Transactions on Computers</i> , 2018 , 67, 59-72 | 2.5 | 9 |
| 84 | Reliability of non-repairable systems with cyclic-mission switching and multimode failure components. <i>Journal of Computational Science</i> , 2016 , 17, 126-138 | 3.4 | 9 |
| 83 | Optimal sign test for quantiles in ranked set samples. <i>Journal of Statistical Planning and Inference</i> , 2010 , 140, 2943-2951 | 0.8 | 9 |
| 82 | Some Analytical and Numerical Bounds on the Renewal Function. <i>Communications in Statistics - Theory and Methods</i> , 2006 , 35, 1815-1827 | 0.5 | 9 |
| 81 | Reliability of multi-state systems under Markov renewal shock models with multiple failure levels. <i>Computers and Industrial Engineering</i> , 2020 , 145, 106509 | 6.4 | 9 |

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| 80 | Reliabilities of a single-unit system with multi-phased missions. <i>Communications in Statistics - Theory and Methods</i> , 2016 , 45, 2524-2537 | 0.5 | 9 |
| 79 | Multi-state balanced systems with multiple failure criteria. <i>Reliability Engineering and System Safety</i> , 2020 , 199, 106888 | 6.3 | 8 |
| 78 | Some reliability indexes and sojourn time distributions for a repairable degradation model. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2016 , 230, 334-349 | 0.8 | 8 |
| 77 | Reliability analysis for balanced engine systems with m sectors by considering start-up probability. <i>Reliability Engineering and System Safety</i> , 2020 , 197, 106829 | 6.3 | 7 |
| 76 | On the multi-state signatures of ordered system lifetimes. <i>Advances in Applied Probability</i> , 2020 , 52, 2913-2918 | 3.7 | 7 |
| 75 | Performance measures for systems under multiple environments. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2016 , 3, 90-95 | 7 | 7 |
| 74 | Availability analysis of k-out-of-n: F repairable balanced systems with m sectors. <i>Reliability Engineering and System Safety</i> , 2019 , 191, 106572 | 6.3 | 7 |
| 73 | A Design of Attributes Single Sampling Plans for Three-Class Products. <i>Quality Technology and Quantitative Management</i> , 2013 , 10, 369-387 | 1.9 | 7 |
| 72 | Partial self-exciting point processes and their parameter estimations. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2019 , 48, 2913-2935 | 0.6 | 7 |
| 71 | Availability analysis and maintenance modelling for inspected Markov systems with down time threshold. <i>Quality Technology and Quantitative Management</i> , 2019 , 16, 478-495 | 1.9 | 7 |
| 70 | Generalized phase-type distributions based on multi-state systems. <i>IIEE Transactions</i> , 2020 , 52, 104-119 | 3.3 | 7 |
| 69 | Reliability Modeling for Sparsely Connected Homogeneous Multistate Consecutive-k-Out-of-n: GSystems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 1844-1854 | 7.3 | 7 |
| 68 | Balanced Systems by Considering Multi-state Competing Risks Under Degradation Processes. <i>Reliability Engineering and System Safety</i> , 2021 , 205, 107252 | 6.3 | 7 |
| 67 | Reliability modeling for systems degrading in K cyclical regimes based on gamma processes. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2018 , 232, 754-765 | 0.8 | 6 |
| 66 | A Further Study on Reliable Life Estimation under Ranked Set Sampling. <i>Communications in Statistics - Theory and Methods</i> , 2012 , 41, 3888-3902 | 0.5 | 6 |
| 65 | Computation of survival signatures for multi-state consecutive-k systems. <i>Reliability Engineering and System Safety</i> , 2021 , 208, 107429 | 6.3 | 6 |
| 64 | Reliability for consecutive-k-out-of-n: F systems with shared components between adjacent subsystems. <i>Reliability Engineering and System Safety</i> , 2021 , 210, 107532 | 6.3 | 6 |
| 63 | Reliability evaluation of a Semi-Markov repairable system under alternative environments. <i>Communications in Statistics - Theory and Methods</i> , 2016 , 45, 2938-2957 | 0.5 | 6 |

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| 62 | . <i>IEEE Transactions on Reliability</i> , 2020 , 69, 414-429 | 4.6 | 6 |
| 61 | The analysis of mixed interval-censored and complete data. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017 , 46, 145-163 | 0.6 | 5 |
| 60 | Numerical method for means of linear Hawkes processes. <i>Communications in Statistics - Theory and Methods</i> , 2020 , 49, 3681-3697 | 0.5 | 5 |
| 59 | An elementary derivation of moments of Hawkes processes. <i>Advances in Applied Probability</i> , 2020 , 52, 102-137 | 0.7 | 5 |
| 58 | Bayesian inference of multi-stage reliability for degradation systems with calibrations. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2016 , 230, 18-33 | 0.8 | 5 |
| 57 | Some New Concepts and Their Computational Formulae in Aggregated Stochastic Processes with Classifications Based on Sojourn Times. <i>Methodology and Computing in Applied Probability</i> , 2016 , 18, 999-1019 | 0.6 | 5 |
| 56 | First Hitting Time Distributions for Brownian Motion and Regions with Piecewise Linear Boundaries. <i>Methodology and Computing in Applied Probability</i> , 2019 , 21, 1-23 | 0.6 | 5 |
| 55 | Weighted Estimation of Quantiles Using Unbalanced Ranked Set Sampling. <i>Quality Technology and Quantitative Management</i> , 2014 , 11, 281-295 | 1.9 | 5 |
| 54 | A study on a single-unit repairable system with working and repair time omission under an alternative renewal process. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2017 , 231, 232-241 | 0.8 | 5 |
| 53 | AVAILABILITY FOR A REPAIRABLE SYSTEM WITH FINITE REPAIRS 2004 , | | 5 |
| 52 | Comparisons of Multi-State Systems with Binary Components of Different Sizes. <i>Methodology and Computing in Applied Probability</i> , 2020 , 1 | 0.6 | 5 |
| 51 | An approximation method for evaluating the reliability of a dynamic k-out-of-n:F system subjected to cyclic alternating operation conditions. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2017 , 231, 109-120 | 0.8 | 4 |
| 50 | Multipoint and Multi-Interval Covering Availabilities. <i>IEEE Transactions on Reliability</i> , 2018 , 67, 666-677 | 4.6 | 4 |
| 49 | A study on a stochastic process with state classifications based on sojourn times. <i>Quality Technology and Quantitative Management</i> , 2017 , 14, 214-236 | 1.9 | 4 |
| 48 | Optimization of joint maintenance strategy for safety-critical systems with different reliability degrees. <i>Expert Systems</i> , 2011 , 28, 199-208 | 2.1 | 4 |
| 47 | Modeling and analysis for time redundant systems with a given mission window. <i>Computers and Industrial Engineering</i> , 2019 , 127, 480-492 | 6.4 | 4 |
| 46 | Availability analysis and optimal inspection policy for systems with neglected down time. <i>Communications in Statistics - Theory and Methods</i> , 2019 , 48, 2787-2809 | 0.5 | 4 |
| 45 | Availability analysis for general repairable systems with repair time threshold. <i>Communications in Statistics - Theory and Methods</i> , 2019 , 48, 628-647 | 0.5 | 4 |

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| 44 | Reliability analysis of periodically inspected systems with competing risks under Markovian environments. <i>Computers and Industrial Engineering</i> , 2021 , 158, 107415 | 6.4 | 4 |
| 43 | A New Design on Attributes Single Sampling Plans. <i>Communications in Statistics - Theory and Methods</i> , 2015 , 44, 3350-3362 | 0.5 | 3 |
| 42 | Bayesian reliability assessment and degradation modeling with calibrations and random failure threshold. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2016 , 21, 478-483 | 0.6 | 3 |
| 41 | Several new performance measures for Markov system with stochastic supply patterns and stochastic demand patterns. <i>Journal of Computational Science</i> , 2016 , 17, 148-155 | 3.4 | 3 |
| 40 | The Analysis of Alternative Interval-Censored and Complete Data. <i>Quality Technology and Quantitative Management</i> , 2015 , 12, 537-560 | 1.9 | 3 |
| 39 | Improvement on Start-up Demonstration Test 2010 , | | 3 |
| 38 | Reliability analysis for systems with self-healing mechanism under two different types of cumulative shocks. <i>Quality Technology and Quantitative Management</i> , 1-19 | 1.9 | 3 |
| 37 | Reliability modelling for linear and circular k-out-of-n: F systems with shared components. <i>Reliability Engineering and System Safety</i> , 2021 , 108172 | 6.3 | 3 |
| 36 | Availability analysis for periodically inspected systems subject to multiple failure modes. <i>International Journal of Systems Science: Operations and Logistics</i> , 2019 , 6, 258-271 | 2.6 | 3 |
| 35 | New reliability indices for first- and second-order discrete-time aggregated semi-Markov systems with an application to TT&C system. <i>Reliability Engineering and System Safety</i> , 2021 , 215, 107882 | 6.3 | 3 |
| 34 | Stochastic quantile-filling augmentation algorithm to censored and accurate reliability data. <i>Computers and Industrial Engineering</i> , 2017 , 108, 27-38 | 6.4 | 2 |
| 33 | An economic off-line quality control approach for unstable production processes. <i>Quality Engineering</i> , 2017 , 29, 623-642 | 1.4 | 2 |
| 32 | Matching via majorization for consistency of product quality. <i>Quality Technology and Quantitative Management</i> , 2016 , 13, 439-452 | 1.9 | 2 |
| 31 | A Design of Attributes Double Sampling Plans for Three-class Products. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2016 , 45, 1054-1071 | 0.6 | 2 |
| 30 | A CONSECUTIVE-k1 AND k2-OUT-OF-n SYSTEM AND ITS RELIABILITY 2006 , | | 2 |
| 29 | Consecutive k and Related Models A Survey. <i>Communications in Computer and Information Science</i> , 2019 , 3-18 | 0.3 | 2 |
| 28 | Occupancy Times for Markov and Semi-Markov Models in Systems Reliability 218-230 | | 2 |
| 27 | Two novel critical shock models based on Markov renewal processes. <i>Naval Research Logistics</i> , | 1.5 | 2 |

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| 26 | A bivariate replacement policy for an imperfect repair system based on geometric processes. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2019 , 233, 670-681 | 0.8 | 2 |
| 25 | Reliability evaluation for balanced systems with auto-balancing mechanisms. <i>Reliability Engineering and System Safety</i> , 2021 , 213, 107780 | 6.3 | 2 |
| 24 | Reliability Analysis for a Degradation System Subject to Dependent Soft and Hard Failure Processes 2017 , | | 1 |
| 23 | Cold standby repairable system with working vacations and vacation interruption. <i>Journal of Systems Engineering and Electronics</i> , 2015 , 26, 1127-1134 | 1.3 | 1 |
| 22 | PERFORMANCE EVALUATION OF AGGREGATED MARKOV REPAIRABLE SYSTEMS WITH MULTI-OPERATING LEVELS. <i>Asia-Pacific Journal of Operational Research</i> , 2013 , 30, 1350003 | 0.8 | 1 |
| 21 | A study on reliability of a special two-dimensional system 2009 , | | 1 |
| 20 | Defect pattern recognition on nano/micro integrated circuits wafer 2008 , | | 1 |
| 19 | A study on reliability of supply chain based on higher order Markov chain 2008 , | | 1 |
| 18 | A Further Study on Safety of Series and Parallel Systems 2007 , | | 1 |
| 17 | Memory based scheme to monitor non-random small shift patterns in manufacturing process. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2016 , 21, 509-512 | 0.6 | 1 |
| 16 | New First Passage Times and Their Distributions 2016 , | | 1 |
| 15 | On reliability analysis of a load-sharing k-out-of-n: G system with interacting Markov subsystems. <i>International Journal of Production Research</i> ,1-15 | 7.8 | 1 |
| 14 | Reliability and maintenance of systems subject to Gamma degradation and shocks in dynamic environments. <i>Applied Mathematical Modelling</i> , 2021 , 96, 367-381 | 4.5 | 1 |
| 13 | Reliability evaluation of consecutive k-out-of-m: F balanced systems with a symmetry line. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> ,1748006X2110381 | 0.8 | 1 |
| 12 | Reliability of consecutive-(k,l)-out-of-n: F systems with shared components under non-homogeneous Markov dependence. <i>Reliability Engineering and System Safety</i> , 2022 , 224, 108549 | 6.3 | 1 |
| 11 | A common random effect induced bivariate gamma degradation process with application to remaining useful life prediction. <i>Reliability Engineering and System Safety</i> , 2022 , 219, 108200 | 6.3 | 0 |
| 10 | Moments for Hawkes Processes with Gamma Decay Kernel Functions. <i>Methodology and Computing in Applied Probability</i> ,1 | 0.6 | 0 |
| 9 | On Dependent Multi-State Semi-Coherent Systems Based on Multi-State Joint Signature. <i>Methodology and Computing in Applied Probability</i> ,1 | 0.6 | 0 |

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| 8 | Discussion of virtual age, is it real?. <i>Applied Stochastic Models in Business and Industry</i> , 2021 , 37, 41-44 | 1.1 | o |
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