Gregory Levitin

List of Publications by Year
in descending order

162
papers	4,325
citations	109321
35
h-index	182427
51
g-index
166
all docs	166
docs citations	166
times ranked	1014
citing authors

#	ARTICLE	IF	CITATIONS
1	Reliability and performance of multi-state systems with propagated failures having selective effect. Reliability Engineering and System Safety, 2010, 95, 655-661.	8.9	122
2	Structure optimization of power system with different redundant elements. Electric Power Systems Research, 1997, 43, 19-27.	3.6	118
3	Genetic algorithms in reliability engineering. Reliability Engineering and System Safety, 2006, 91, 975-976.	8.9	112
4	BDD-based reliability evaluation of phased-mission systems with internal/external common-cause failures. Reliability Engineering and System Safety, 2013, 112, 145-153.	8.9	109
5	Optimal Defense Strategy Against Intentional Attacks. IEEE Transactions on Reliability, 2007, 56, 148-157.	4.6	78
6	Mission Abort Policy in Heterogeneous Nonrepairable 1-Out-of-N Warm Standby Systems. IEEE Transactions on Reliability, 2018, 67, 342-354.	4.6	78
7	Optimal sequencing of warm standby elements. Computers and Industrial Engineering, 2013, 65, 570-576.	6.3	74
8	Optimal Mission Abort Policy for Systems Operating in a Random Environment. Risk Analysis, 2018, 38, 795-803.	2.7	73
9	Optimal mission abort policy for systems in a random environment with variable shock rate. Reliability Engineering and System Safety, 2018, 169, 11-17.	8.9	73
10	Reliability of multi-state systems with common bus performance sharing. IIE Transactions, 2011, 43, 518-524.	2.1	70
11	Influence of failure propagation on mission abort policy in heterogeneous warm standby systems. Reliability Engineering and System Safety, 2019, 183, 29-38.	8.9	70
12	Combinatorial analysis of systems with competing failures subject to failure isolation and propagation effects. Reliability Engineering and System Safety, 2010, 95, 1210-1215.	8.9	68
13	Cold vs. hot standby mission operation cost minimization for 1-out-of-N systems. European Journal of Operational Research, 2014, 234, 155-162.	5.7	67
14	Performance and Reliability of Tree-Structured Grid Services Considering Data Dependence and Failure Correlation. IEEE Transactions on Computers, 2007, 56, 925-936.	3.4	59
15	Reliability of non-repairable phased-mission systems with propagated failures. Reliability Engineering and System Safety, 2013, 119, 218-228.	8.9	56
16	Co-optimization of state dependent loading and mission abort policy in heterogeneous warm standby systems. Reliability Engineering and System Safety, 2018, 172, 151-158.	8.9	56
17	Mission Cost and Reliability of 1-out-of-N Warm Standby Systems With Imperfect Switching Mechanisms. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2014, 44, 1262-1271.	9.3	55
18	Element maintenance and allocation for linear consecutively connected systems. IIE Transactions, 2012, 44, 964-973.	2.1	54

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19	Competing failure analysis in phased-mission systems with functional dependence in one of phases. Reliability Engineering and System Safety, 2012, 108, 90-99.	8.9	53
20	Probabilistic common cause failures in phased-mission systems. Reliability Engineering and System Safety, 2015, 144, 53-60.	8.9	52
21	Mission Reliability, Cost and Time for Cold Standby Computing Systems with Periodic Backup. IEEE Transactions on Computers, 2015, 64, 1043-1057.	3.4	52
22	Optimal load distribution in series–parallel systems. Reliability Engineering and System Safety, 2009, 94, 254-260.	8.9	50
23	Reliability of Nonrepairable Phased-Mission Systems With Common Cause Failures. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2013, 43, 967-978.	9.3	50
24	Reliability analysis of multi-trigger binary systems subject to competing failures. Reliability Engineering and System Safety, 2013, 111, 9-17.	8.9	50
25	Combinatorial Algorithm for Reliability Analysis of Multistate Systems With Propagated Failures and Failure Isolation Effect. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2011, 41, 1156-1165.	2.9	47
26	Optimal Resource Allocation for Maximizing Performance and Reliability in Tree-Structured Grid Services. IEEE Transactions on Reliability, 2007, 56, 444-453.	4.6	44
27	Optimal allocation of multi-state elements in linear consecutively connected systems with vulnerable nodes. European Journal of Operational Research, 2003, 150, 406-419.	5.7	43
28	Optimal Structure of Multi-State Systems With Uncovered Failures. IEEE Transactions on Reliability, 2008, 57, 140-148.	4.6	40
29	Optimal mission abort policy for partially repairable heterogeneous systems. European Journal of Operational Research, 2018, 271, 818-825.	5.7	39
30	Mission Abort Policy for Systems with Observable States of Standby Components. Risk Analysis, 2020, 40, 1900-1912.	2.7	39
31	Sequencing Optimization in k-out-of-n Cold-Standby Systems Considering Mission Cost. International Journal of General Systems, 2013, 42, 870-882.	2.5	38
32	Optimal resource distribution between protection and redundancy considering the time and uncertainties of attacks. European Journal of Operational Research, 2015, 243, 200-210.	5.7	38
33	Optimal data partitioning in cloud computing system with random server assignment. Future Generation Computer Systems, 2017, 70, 17-25.	7.5	38
34	Efficiency of Even Separation of Parallel Elements with Variable Contest Intensity. Risk Analysis, 2008, 28, 1477-1486.	2.7	36
35	Combinatorial analysis of body sensor networks subject to probabilistic competing failures. Reliability Engineering and System Safety, 2015, 142, 388-398.	8.9	36
36	Co-residence based data vulnerability vs. security in cloud computing system with random server assignment. European Journal of Operational Research, 2018, 267, 676-686.	5.7	36

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37	Mission abort policy optimization for series systems with overlapping primary and rescue subsystems operating in a random environment. Reliability Engineering and System Safety, 2020, 193, 106590.	8.9	36
38	Optimal mission abort policies for multistate systems. Reliability Engineering and System Safety, 2020, 193, 106671.	8.9	35
39	Optimal aborting rule in multi-attempt missions performed by multicomponent systems. European Journal of Operational Research, 2020, 283, 244-252.	5.7	35
40	Heterogeneous Non-Repairable Warm Standby Systems With Periodic Inspections. IEEE Transactions on Reliability, 2016, 65, 394-409.	4.6	33
41	Redundancy optimization for series-parallel phased mission systems exposed to random shocks. Reliability Engineering and System Safety, 2017, 167, 554-560.	8.9	33
42	Optimization of Full versus Incremental Periodic Backup Policy. IEEE Transactions on Dependable and Secure Computing, 2016, 13, 644-656.	5.4	32
43	Optimization of Component Allocation/Distribution and Sequencing in Warm Standby Series-Parallel Systems. IEEE Transactions on Reliability, 2017, 66, 980-988.	4.6	32
44	Optimal Abort Rules for Multiattempt Missions. Risk Analysis, 2019, 39, 2732-2743.	2.7	32
45	Multi-state systems with selective propagated failures and imperfect individual and group protections. Reliability Engineering and System Safety, 2011, 96, 1657-1666.	8.9	31
46	Optimal component loading in 1-out-of-N cold standby systems. Reliability Engineering and System Safety, 2014, 127, 58-64.	8.9	31
47	Data survivability vs. security in information systems. Reliability Engineering and System Safety, 2012, 100, 19-27.	8.9	29
48	Balancing theft and corruption threats by data partition in cloud system with independent server protection. Reliability Engineering and System Safety, 2017, 167, 248-254.	8.9	29
49	Cost effective scheduling of imperfect inspections in systems with hidden failures and rescue possibility. Applied Mathematical Modelling, 2019, 68, 662-674.	4.2	29
50	Optimal mission abort policies for repairable multistate systems performing multi-attempt mission. Reliability Engineering and System Safety, 2021, 209, 107497.	8.9	29
51	Probabilistic competing failure analysis in phased-mission systems. Reliability Engineering and System Safety, 2018, 176, 37-51.	8.9	28
52	State-based mission abort policies for multistate systems. Reliability Engineering and System Safety, 2020, 204, 107122.	8.9	28
53	Mission abort policy balancing the uncompleted mission penalty and system loss risk. Reliability Engineering and System Safety, 2018, 176, 194-201.	8.9	27
54	Joint optimal mission aborting and replacement and maintenance scheduling in dual-unit standby systems. Reliability Engineering and System Safety, 2021, 216, 107921.	8.9	27

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55	Optimal Design of Hybrid Redundant Systems With Delayed Failure-Driven Standby Mode Transfer. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 1336-1344.	9.3	26
56	Dynamic availability and performance deficiency of common bus systems with imperfectly repairable components. Reliability Engineering and System Safety, 2019, 189, 58-66.	8.9	26
57	Series phased-mission systems with heterogeneous warm standby components. Computers and Industrial Engineering, 2020, 145, 106552.	6.3	26
58	Algorithm for Reliability Evaluation of Nonrepairable Phased-Mission Systems Consisting of Gradually Deteriorating Multistate Elements. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2013, 43, 63-73.	9.3	25
59	Optimal connecting elements allocation in linear consecutively-connected systems with phased mission and common cause failures. Reliability Engineering and System Safety, 2014, 130, 85-94.	8.9	25
60	Effect of Failure Propagation on Cold vs. Hot Standby Tradeoff in Heterogeneous 1-Out-of-<formula formulatype="inline"><tex Notation="TeX">N</tex></formula>:G Systems. IEEE Transactions on Reliability, 2015, 64, 410-419.	4.6	25
61	Linear multistate consecutively-connected systems subject to a constrained number of gaps. Reliability Engineering and System Safety, 2015, 133, 246-252.	8.9	25
62	Optimal mission aborting in multistate systems with storage. Reliability Engineering and System Safety, 2022, 218, 108086.	8.9	25
63	Optimization of predetermined standby mode transfers in 1-out-of-N: G systems. Computers and Industrial Engineering, 2014, 72, 106-113.	6.3	24
64	Reliability and Mission Cost of 1-Out-of-<formula formulatype="inline"><tex Notation="TeX">N</tex></formula>:G Systems With State-Dependent Standby Mode Transfers. IEEE Transactions on Reliability, 2015, 64, 454-462.	4.6	24
65	Optimizing dynamic survivability and security of replicated data in cloud systems under co-residence attacks. Reliability Engineering and System Safety, 2019, 192, 106265.	8.9	24
66	Optimal replacement and reactivation in warm standby systems performing random duration missions. Computers and Industrial Engineering, 2020, 149, 106791.	6.3	24
67	Optimal inspections and mission abort policies for multistate systems. Reliability Engineering and System Safety, 2021, 214, 107700.	8.9	24
68	Optimizing Dynamic Performance of Multistate Systems With Heterogeneous 1-Out-of-<inline-formula> <tex-math notation="LaTeX">${N}$ </tex-math> </inline-formula> Warm Standby Components. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 920-929.	9.3	23
69	Heterogeneous standby systems with shocks-driven preventive replacements. European Journal of Operational Research, 2018, 266, 1189-1197.	5.7	23
70	Heterogeneous 1-out-of-N warm standby systems with online checkpointing. Reliability Engineering and System Safety, 2018, 169, 127-136.	8.9	23
71	Influence of storage on mission success probability of m-out-of-n standby systems with reusable elements. Reliability Engineering and System Safety, 2021, 216, 107976.	8.9	23
72	k-out-of-n sliding window systems. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2012, 42, 707-714.	2.9	22

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73	Non-Homogeneous 1-Out-of-<formula formulatype="inline"><tex Notation="TeX">${N}$</tex></formula> Warm Standby Systems With Random Replacement Times. IEEE Transactions on Reliability, 2015, 64, 819-828.	4.6	22
74	Reliability of Non-Coherent Warm Standby Systems With Reworking. IEEE Transactions on Reliability, 2015, 64, 444-453.	4.6	22
75	Dynamic Checkpointing Policy in Heterogeneous Real-Time Standby Systems. IEEE Transactions on Computers, 2017, 66, 1449-1456.	3.4	22
76	Connectivity modeling and optimization of linear consecutively connected systems with repairable connecting elements. European Journal of Operational Research, 2018, 264, 732-741.	5.7	22
77	Dynamic demand satisfaction probability of consecutive sliding window systems with warm standby components. Reliability Engineering and System Safety, 2019, 189, 397-405.	8.9	22
78	Structure Optimization of Nonrepairable Phased Mission Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2014, 44, 121-129.	9.3	21
79	Optimal Backup Distribution in 1-out-of-<inline-formula> <tex-math notation="LaTeX">${N}$ </tex-math></inline-formula> Cold Standby Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 636-646.	9.3	21
80	Optimal loading of series parallel systems with arbitrary element time-to-failure and time-to-repair distributions. Reliability Engineering and System Safety, 2017, 164, 34-44.	8.9	21
81	Optimal sequencing of elements activation in 1-out-of-n warm standby system with storage. Reliability Engineering and System Safety, 2022, 221, 108380.	8.9	21
82	Heterogeneous Warm Standby Multi-Phase Systems With Variable Mission Time. IEEE Transactions on Reliability, 2016, 65, 381-393.	4.6	20
83	Mission aborting and system rescue for multi-state systems with arbitrary structure. Reliability Engineering and System Safety, 2022, 219, 108225.	8.9	20
84	Resource Distribution in Multiple Attacks with Imperfect Detection of the Attack Outcome. Risk Analysis, 2012, 32, 304-318.	2.7	19
85	Is it wise to leave some false targets unprotected?. Reliability Engineering and System Safety, 2013, 112, 176-186.	8.9	19
86	Optimal Allocation of Connecting Elements in Phase Mission Linear Consecutively-Connected Systems. IEEE Transactions on Reliability, 2013, 62, 618-627.	4.6	19
87	Heterogeneous 1-Out-of-N Warm Standby Systems With Dynamic Uneven Backups. IEEE Transactions on Reliability, 2015, 64, 1325-1339.	4.6	19
88	Optimal replacement and allocation of multi€state elements in k€within€m€from€r/n sliding window systems. Applied Stochastic Models in Business and Industry, 2016, 32, 184-198.	1.5	19
89	Optimal structure of series system with 1-out-of-n warm standby subsystems performing operation and rescue functions. Reliability Engineering and System Safety, 2019, 188, 523-531.	8.9	19
90	Optimizing preventive replacement schedule in standby systems with time consuming task transfers. Reliability Engineering and System Safety, 2021, 205, 107227.	8.9	19

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91	Mission Aborting in *n*-Unit Systems With Work Sharing. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4875-4886.	9.3	19
92	Defense Resource Distribution Between Protection and Redundancy for Constant Resource Stockpiling Pace. Risk Analysis, 2011, 31, 1632-1645.	2.7	18
93	Security of Separated Data in Cloud Systems with Competing Attack Detection and Data Theft Processes. Risk Analysis, 2019, 39, 846-858.	2.7	18
94	Reliability evaluation for linear consecutively-connected systems with multistate elements and retransmission delays. Quality and Reliability Engineering International, 2001, 17, 373-378.	2.3	17
95	Preventive Replacements in Real-Time Standby Systems With Periodic Backups. IEEE Transactions on Reliability, 2017, 66, 771-782.	4.6	17
96	Optimal mission abort policy with multiple shock number thresholds. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2018, 232, 607-615.	0.7	17
97	Optimization of time constrained N-version programming service components with competing task execution and version corruption processes. Reliability Engineering and System Safety, 2020, 193, 106666.	8.9	17
98	Mission abort and rescue for multistate systems operating under the Poisson process of shocks. Reliability Engineering and System Safety, 2020, 202, 107027.	8.9	17
99	Optimal abort rules for additive multi-attempt missions. Reliability Engineering and System Safety, 2021, 205, 107245.	8.9	17
100	Optimal operation and maintenance scheduling in m-out-of-n standby systems with reusable elements. Reliability Engineering and System Safety, 2021, 211, 107582.	8.9	17
101	Optimal loading of system with random repair time. European Journal of Operational Research, 2015, 247, 137-143.	5.7	16
102	Optimal Periodic Inspections and Activation Sequencing Policy in Standby Systems With Condition-Based Mode Transfer. IEEE Transactions on Reliability, 2017, 66, 189-201.	4.6	16
103	Scheduling of imperfect inspections for reliability critical systems with shock-driven defects and delayed failures. Reliability Engineering and System Safety, 2019, 189, 89-98.	8.9	16
104	Joint optimal checkpointing and rejuvenation policy for real-time computing tasks. Reliability Engineering and System Safety, 2019, 182, 63-72.	8.9	16
105	Optimal abort rules and subtask distribution in missions performed by multiple independent heterogeneous units. Reliability Engineering and System Safety, 2020, 199, 106920.	8.9	16
106	Optimal multi-attempt missions with cumulative effect. Reliability Engineering and System Safety, 2020, 203, 107091.	8.9	16
107	Optimization of cyclic preventive replacement in homogeneous warm-standby system with reusable elements exposed to shocks. Reliability Engineering and System Safety, 2021, 207, 107351.	8.9	16
108	Defending *N*-Version Programming Service Components against Co-Resident Attacks in IoT Cloud Systems. IEEE Transactions on Services Computing, 2021, 14, 1717-1725.	4.6	15

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109	Linear Multistate Consecutively-Connected Systems With Gap Constraints. IEEE Transactions on Reliability, 2012, 61, 208-214.	4.6	14
110	Optimal completed work dependent loading of components in cold standby systems. International Journal of General Systems, 2015, 44, 471-484.	2.5	14
111	Optimizing Computational Mission Operation by Periodic Backups and Preventive Replacements. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1505-1520.	9.3	14
112	Optimal preventive replacement policy for homogeneous cold standby systems with reusable elements. Reliability Engineering and System Safety, 2020, 204, 107135.	8.9	14
113	Optimal multiple replacement and maintenance scheduling in two-unit systems. Reliability Engineering and System Safety, 2021, 213, 107803.	8.9	14
114	Minimum cost replacement and maintenance scheduling in dual-dissimilar-unit standby systems. Reliability Engineering and System Safety, 2022, 218, 108127.	8.9	14
115	Optimal loading of repairable system with perfect product storage. Reliability Engineering and System Safety, 2022, 220, 108293.	8.9	14
116	Optimal Allocation of Multistate Components in Consecutive Sliding Window Systems. IEEE Transactions on Reliability, 2013, 62, 267-275.	4.6	13
117	Optimal arrangement of connecting elements in linear consecutively connected systems with heterogeneous warm standby groups. Reliability Engineering and System Safety, 2017, 165, 395-401.	8.9	13
118	Optimal shock-driven switching strategies with elements reuse in heterogeneous warm-standby systems. Reliability Engineering and System Safety, 2021, 210, 107517.	8.9	13
119	Shield versus sword resource distribution in K-round duels. Central European Journal of Operations Research, 2011, 19, 589-603.	1.8	12
120	Propagated failure analysis for non-repairable systems considering both global and selective effects. Reliability Engineering and System Safety, 2012, 99, 96-104.	8.9	12
121	Balancing mission success probability and risk of system loss by allocating redundancy in systems operating with a rescue option. Reliability Engineering and System Safety, 2020, 195, 106694.	8.9	12
122	Partial mission aborting in work sharing systems. Reliability Engineering and System Safety, 2021, 214, 107716.	8.9	12
123	m/nCCS: linear consecutively connected systems subject to combined gap constraints. International Journal of General Systems, 2015, 44, 833-848.	2.5	11
124	Cold Standby Systems With Imperfect Backup. IEEE Transactions on Reliability, 2016, 65, 1798-1809.	4.6	11
125	Reliability Versus Expected Mission Cost and Uncompleted Work in Heterogeneous Warm Standby Multiphase Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 462-473.	9.3	11
126	Optimizing software rejuvenation policy for real time tasks. Reliability Engineering and System Safety, 2018, 176, 202-208.	8.9	11

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127	Cost minimization of real-time mission for software systems with rejuvenation. Reliability Engineering and System Safety, 2020, 193, 106593.	8.9	11
128	Optimal task partition and state-dependent loading in heterogeneous two-element work sharing system. Reliability Engineering and System Safety, 2016, 156, 97-108.	8.9	10
129	Effect of element separation in series-parallel systems exposed to random shocks. European Journal of Operational Research, 2017, 260, 305-315.	5.7	10
130	Optimal loading of elements in series systems exposed to external shocks. Reliability Engineering and System Safety, 2019, 192, 105924.	8.9	10
131	Optimal Spot-Checking for Collusion Tolerance in Computer Grids. IEEE Transactions on Dependable and Secure Computing, 2019, 16, 301-312.	5.4	10
132	Optimal aborting strategy for three-phase missions performed by multiple units. Reliability Engineering and System Safety, 2021, 208, 107408.	8.9	10
133	Optimal non-periodic replacement and reactivation in standby systems with protection and maintenance options. Computers and Industrial Engineering, 2021, 155, 107178.	6.3	10
134	Optimal backup in heterogeneous standby systems exposed to shocks. Reliability Engineering and System Safety, 2017, 165, 336-344.	8.9	9
135	Unrepairable system with single production unit and n failure-prone identical parallel storage units. Reliability Engineering and System Safety, 2022, 222, 108437.	8.9	9
136	Co-residence based data theft game in cloud system with virtual machine replication and cancellation. Reliability Engineering and System Safety, 2022, 222, 108415.	8.9	9
137	Unrepairable system with consecutively used imperfect storage units. Reliability Engineering and System Safety, 2022, 225, 108574.	8.9	9
138	Competing failure analysis in non-repairable binary systems subject to functional dependence. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2012, 226, 406-416.	0.7	8
139	Optimal elements separation in non-repairable phased-mission systems. International Journal of General Systems, 2014, 43, 864-879.	2.5	8
140	Optimization of partial software rejuvenation policy. Reliability Engineering and System Safety, 2019, 188, 289-296.	8.9	8
141	Optimal early warning defense of N-version programming service against co-resident attacks in cloud system. Reliability Engineering and System Safety, 2020, 201, 106969.	8.9	8
142	Probabilities of mission success and system survival in multi-state systems with arbitrary structure. Computers and Industrial Engineering, 2021, 161, 107597.	6.3	8
143	Optimal backup frequency in system with random repair time. Reliability Engineering and System Safety, 2015, 144, 12-22.	8.9	7
144	Minimization of Expected User Losses Considering Co-resident Attacks in Cloud System with Task Replication and Cancellation. Reliability Engineering and System Safety, 2021, 214, 107705.	8.9	7

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145	Minimizing mission cost for production system with unreliable storage. Reliability Engineering and System Safety, 2022, 227, 108724.	8.9	7
146	Co-Residence Data Theft Attacks on <i>N</i>-Version Programming-Based Cloud Services With Task Cancelation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 324-333.	9.3	6
147	Optimizing the maximum filling level of perfect storage in system with imperfect production unit. Reliability Engineering and System Safety, 2022, 225, 108629.	8.9	6
148	Analysis and optimal design of systems operating in a random environment and having a rescue option. International Journal of General Systems, 2019, 48, 170-185.	2.5	5
149	Optimizing software rejuvenation policy for tasks with periodic inspections and time limitation. Reliability Engineering and System Safety, 2020, 197, 106776.	8.9	5
150	Mixed failure-driven and shock-driven mission aborts in heterogeneous systems with arbitrary structure. Reliability Engineering and System Safety, 2021, 212, 107581.	8.9	5
151	Optimal Preventive Replacement for Cold Standby Systems With Elements Exposed to Shocks During Operation and Task Transfers. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1787-1794.	9.3	5
152	Optimal Distribution of Nonperiodic Full and Incremental Backups. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 3310-3320.	9.3	4
153	Connectivity evaluation and optimal service centers allocation in repairable linear consecutively connected systems. Reliability Engineering and System Safety, 2018, 176, 187-193.	8.9	4
154	On operation termination for degrading systems with two types of failures. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2019, 233, 419-426.	0.7	4
155	Dynamic task distribution balancing primary mission work and damage reduction work in parallel systems exposed to shocks. Reliability Engineering and System Safety, 2021, 215, 107907.	8.9	4
156	Heterogeneous 1-out-of-n standby systems with limited unit operation time. Reliability Engineering and System Safety, 2022, 224, 108532.	8.9	4
157	Optimal Replacement and Protection Strategy for Parallel Systems. Springer Series in Reliability Engineering, 2012, , 135-144.	0.5	3
158	Reliability versus Vulnerability of <i>N</i>-Version Programming Cloud Service Component With Dynamic Decision Time Under Co-Resident Attacks. IEEE Transactions on Services Computing, 2022, 15, 1774-1784.	4.6	3
159	Optimization of dynamic spot-checking for collusion tolerance in grid computing. Future Generation Computer Systems, 2018, 86, 30-38.	7.5	2
160	Security and reliability of N-version cloud-based task solvers with individual version cancellation under data theft attacks. Reliability Engineering and System Safety, 2021, 216, 107920.	8.9	2
161	1-out-of-<i>N</i> multi-state standby systems with state-dependent random replacement times. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2017, 231, 750-760.	0.7	1
162	Data Resilience Under Co-residence Attacks in Cloud Environment. , 2021, , 739-761.		1