Bao-Liang Liu

List of Publications by Year
in descending order

21 papers	248 citations	1040056 9 h-index	996975 15 g-index
21 all docs	21 docs citations	21 times ranked	108 citing authors

#	Article	IF	Citations
1	A cold standby repairable system with working vacations and vacation interruption following Markovian arrival process. Reliability Engineering and System Safety, 2015, 142, 1-8.	8.9	39
2	Multi-Point and Multi-Interval Availabilities. IEEE Transactions on Reliability, 2013, 62, 811-820.	4.6	38
3	Reliability analysis for devices subject to competing failure processes based on chance theory. Applied Mathematical Modelling, 2019, 75, 398-413.	4.2	32
4	A performance measure for Markov system with stochastic supply patterns and stochastic demand patterns. Reliability Engineering and System Safety, 2013, 119, 294-299.	8.9	20
5	Interval reliability for aggregated Markov repairable system with repair time omission. Annals of Operations Research, 2014, 212, 169-183.	4.1	19
6	A multiple warm standby Î´-shock system with a repairman having multiple vacations. Communications in Statistics Part B: Simulation and Computation, 2017, 46, 3172-3186.	1.2	15
7	Availability analysis and maintenance optimization for multiple failure mode systems considering imperfect repair. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2021, 235, 982-997.	0.7	14
8	A cold standby repairable system with the repairman having multiple vacations and operational, repair, and vacation times following phase-type distributions. Communications in Statistics - Theory and Methods, 2016, 45, 850-858.	1.0	11
9	Random maintenance policies for sustaining the reliability of the product through 2D-warranty. Applied Mathematical Modelling, 2022, 111, 363-383.	4.2	10
10	Reliability analysis for complex systems subject to competing failure processes in an uncertain environment. Journal of Intelligent and Fuzzy Systems, 2020, 39, 4331-4339.	1.4	8
11	A multiple warm standby repairable system under N-policy with multiple vacations following Markovian arrival process. Communications in Statistics - Theory and Methods, 2020, 49, 3609-3634.	1.0	8
12	Belief reliability analysis of competing for failure systems with bi-uncertain variables. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 10651.	4.9	8
13	The belief reliability analysis of composite insulators with uncertain failure threshold. Applied Mathematical Modelling, 2021, 100, 453-470.	4.2	6
14	Reliability analysis of dependent competitive failure model with uncertain parameters. Soft Computing, 2022, 26, 33-43.	3.6	6
15	Several new performance measures for Markov system with stochastic supply patterns and stochastic demand patterns. Journal of Computational Science, 2016, 17, 148-155.	2.9	4
16	A Markovian analytical approach to a repairable system under the mixed redundancy strategy with a repairman. Quality and Reliability Engineering International, 2022, 38, 3663-3688.	2.3	4
17	Continuous approximations of discrete phase-type distributions and their applications to reliability models. Performance Evaluation, 2022, 154, 102284.	1.2	3
18	Strain-controlled fatigue characteristics of a cast Mgâ€“Ndâ€“Zn under peak-aged and over-aged conditions. Rare Metals, 2023, 42, 2381-2389.	7.1	2

#	Article	IF	Citations
19	Cold standby repairable system with working vacations and vacation interruption. Journal of Systems Engineering and Electronics, 2015, 26, 1127-1134.	2.2	1
20	Sequential Series Systems and Their Risk Assessments. Communications in Statistics - Theory and Methods, 2012, 41, 3903-3914.	1.0	0
21	Reliability analysis for uncertain competing failure degradation system with a change point. Communications in Statistics - Theory and Methods, 0, , 1-21.	1.0	0