Ilya Gertsbakh

List of Publications by Year
in descending order

17 papers	397 citations	840776 11 h-index	1058476 14 g-index
20 all docs	20 docs citations	20 times ranked	202 citing authors

#	Article	IF	Citations
1	Minimal Resources for Fixed and Variable Job Schedules. Operations Research, 1978, 26, 68-85.	1.9	84
2	Network Reliability and Resilience. , 2011, , .		75
3	â€˜Timeâ€freeâ€™ preventive maintenance of systems with structures described by signatures. Applied Stochastic Models in Business and Industry, 2015, 31, 836-845.	1.5	48
4	The shorter queue problem: A numerical study using the matrix-geometric solution. European Journal of Operational Research, 1984, 15, 374-381.	5.7	37
5	Signatures of Coherent Systems Built with Separate Modules. Journal of Applied Probability, 2011, 48, 843-855.	0.7	33
6	Two-Dimensional Signatures. Journal of Applied Probability, 2012, 49, 416-429.	0.7	23
7	On preventive maintenance of systems subject to shocks. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2016, 230, 220-227.	0.7	17
8	Two-Dimensional Signatures. Journal of Applied Probability, 2012, 49, 416-429.	0.7	14
9	PERMUTATIONAL METHODS FOR PERFORMANCE ANALYSIS OF STOCHASTIC FLOW NETWORKS. Probability in the Engineering and Informational Sciences, 2014, 28, 21-38.	0.8	14
10	Preventive maintenance of multistate systems subject to shocks. Applied Stochastic Models in Business and Industry, 2016, 32, 283-291.	1.5	13
11	Periodic transportation schedules with flexible departure times. European Journal of Operational Research, 1991, 50, 298-309.	5.7	11
12	Monte Carlo for Estimating Exponential Convolution. Communications in Statistics Part B: Simulation and Computation, 2015, 44, 2696-2704.	1.2	6
13	On a single discrete scale for preventive maintenance with two shock processes affecting a complex system. Applied Stochastic Models in Business and Industry, 2017, 33, 54-62.	1.5	5
14	Estimation of a standard measuring error by repeated measurements and sortings. Journal of Statistical Planning and Inference, 1985, 11, 1-14.	0.6	3
15	Networks with Ternary Components: Ternary Spectrum. Springer Briefs in Electrical and Computer Engineering, 2014, , 1-23.	0.5	0
16	Examples of Network Analysis. Springer Briefs in Electrical and Computer Engineering, 2020, , 81-90.	0.5	0
17	Network Invariants and Their Use in Performability Analysis. , 2021, , 229-247.		0