Lisa M Maillart

List of Publications by Year
in descending order

47	1,318	566801 15	377514 34
papers	citations	h-index	g-index

48	48	48	889
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimal Condition-Based Mission Abort Decisions. IEEE Transactions on Reliability, 2023, 72, 408-425.	3.5	57
2	Optimal Pooling, Batching, and Pasteurizing of Donor Human Milk. Service Science, 2022, 14, 13-34.	0.9	1
3	Age-replacement policies under age-dependent replacement costs. IISE Transactions, 2021, 53, 425-436.	1.6	10
4	Optimal Age-Replacement in Anticipation of Time-Dependent, Unpunctual Policy Implementation. IEEE Transactions on Reliability, 2021, 70, 1177-1192.	3.5	6
5	Maintaining systems with heterogeneous spare parts. Naval Research Logistics, 2019, 66, 485-501.	1.4	11
6	Macronutrient variability in human milk from donors to a milk bank: Implications for feeding preterm infants. PLoS ONE, 2019, 14, e0210610.	1.1	48
7	Optimal sequencing of heterogeneous, non-instantaneous interventions. Annals of Operations Research, 2019, 276, 109-135.	2.6	1
8	Dynamic Abandon/Extract Decisions for Failed Cardiac Leads. Management Science, 2018, 64, 633-651.	2.4	7
9	Introduction to the Special Issue on Advancing Health Services. Service Science, 2018, 10, v-vii.	0.9	1
10	Multi-dose vial administration with non-stationary demand and delayed service. Operations Research for Health Care, 2018, 19, 66-79.	0.8	3
11	Optimal planning of unpunctual preventive maintenance. IISE Transactions, 2017, 49, 127-143.	1.6	12
12	Optimal maintenance policies for a safetyâ€critical system and its deteriorating sensor. Naval Research Logistics, 2017, 64, 399-417.	1.4	12
13	Customizing immunization clinic operations to minimize open vial waste. Socio-Economic Planning Sciences, 2016, 54, 1-17.	2.5	4
14	Optimal pinging frequencies in the search for an immobile beacon. IIE Transactions, 2016, 48, 489-500.	2.1	4
15	Scheduling Preventive Maintenance as a Function of an Imperfect Inspection Interval. IEEE Transactions on Reliability, 2015, 64, 983-997.	3.5	46
16	Dynamically optimizing the administration of vaccines from multi-dose vials. IIE Transactions, 2014, 46, 623-635.	2.1	10
17	Optimal planning of life-depleting maintenance activities. IIE Transactions, 2014, 46, 636-652.	2.1	16
18	Optimal Implantable Cardioverter Defibrillator (ICD) Generator Replacement. INFORMS Journal on Computing, 2014, 26, 599-615.	1.0	6

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19	Alleviating the Patient's Price of Privacy Through a Partially Observable Waiting List. Management Science, 2013, 59, 1836-1854.	2.4	40
20	Optimal management of a limited number of replacements under Markovian deterioration. IIE Transactions, 2013, 45, 206-214.	2.1	11
21	OPTIMAL REPLACEMENT POLICIES UNDER ENVIRONMENT-DRIVEN DEGRADATION. Probability in the Engineering and Informational Sciences, 2012, 26, 405-424.	0.6	16
22	Reassessing Tradeoffs Inherent to Simultaneous Maintenance and Production Planning. Production and Operations Management, 2012, 21, 396-403.	2.1	14
23	Systematic Engineering Of Acute Care Delivery: Predictability Of Intensive Care Unit Patient Throughput Using Process Modeling. , 2011, , .		0
24	Structured Replacement Policies for Components with Complex Degradation Processes and Dedicated Sensors. Operations Research, 2011, 59, 684-695.	1.2	128
25	Development and validation of a large scale ICU simulation model with blocking. , 2011, , .		8
26	Selecting test sensitivity and specificity parameters to optimally maintain a degrading system. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2011, 225, 131-139.	0.6	2
27	Optimizing RFID tag-inventorying algorithms. IIE Transactions, 2010, 42, 690-702.	2.1	8
28	Eliciting Patients' Revealed Preferences: An Inverse Markov Decision Process Approach. Decision Analysis, 2010, 7, 358-365.	1.2	32
29	Selective Maintenance Decision-Making Over Extended Planning Horizons. IEEE Transactions on Reliability, 2009, 58, 462-469.	3.5	75
30	Structured replacement policies for a Markov-modulated shock model. Operations Research Letters, 2009, 37, 280-284.	0.5	13
31	Integrating Dynamic Control Charts and Maintenance Policies. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 692-696.	0.4	2
32	Business Opportunity Assessment With Costly, Imperfect Information. IEEE Transactions on Engineering Management, 2008, 55, 279-291.	2.4	9
33	A binomial approximation of lot yield under Markov modulated Bernoulli item yield. IIE Transactions, 2008, 40, 459-467.	2.1	2
34	Assessing Dynamic Breast Cancer Screening Policies. Operations Research, 2008, 56, 1411-1427.	1.2	127
35	Estimating the Patient's Price of Privacy in Liver Transplantation. Operations Research, 2008, 56, 1393-1410.	1.2	62
36	Choosing Among Living-Donor and Cadaveric Livers. Management Science, 2007, 53, 1702-1715.	2.4	65

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37	Determining the Acceptance of Cadaveric Livers Using an Implicit Model of the Waiting List. Operations Research, 2007, 55, 24-36.	1.2	109
38	Structured maintenance policies on interior sample paths. Naval Research Logistics, 2007, 54, 645-655.	1.4	20
39	Optimal maintenance policies for serial, multi-machine systems with non-instantaneous repairs. Naval Research Logistics, 2006, 53, 804-813.	1.4	7
40	Maintenance policies for systems with condition monitoring and obvious failures. IIE Transactions, 2006, 38, 463-475.	2.1	85
41	Ranking Sports Teams: A Customizable Quadratic Assignment Approach. Interfaces, 2005, 35, 497-510.	1.6	15
42	The Optimal Timing of Living-Donor Liver Transplantation. Management Science, 2004, 50, 1420-1430.	2.4	162
43	Cost-optimal condition-monitoring for predictive maintenance of 2-phase systems. IEEE Transactions on Reliability, 2002, 51, 322-330.	3.5	44
44	The effect of failure-distribution specification-errors on maintenance costs. , 1999, , .		6
45	Alleviating the Patientâ€™S Price of Privacy Through a Partially Observable Waiting List. SSRN Electronic Journal, 0, , .	0.4	1
46	Mitigating Information Asymmetry in Liver Allocation. INFORMS Journal on Computing, 0, , .	1.0	0
47	Planning of life-depleting preventive maintenance activities with replacements. Annals of Operations Research, 0, , .	2.6	0