

Lisa M Maillart

List of Publications by Year in descending order

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47
papers

1,318
citations

567281
15
h-index

377865
34
g-index

48
all docs

48
docs citations

48
times ranked

889
citing authors

#	ARTICLE	IF	CITATIONS
1	The Optimal Timing of Living-Donor Liver Transplantation. Management Science, 2004, 50, 1420-1430.	4.1	162
2	Structured Replacement Policies for Components with Complex Degradation Processes and Dedicated Sensors. Operations Research, 2011, 59, 684-695.	1.9	128
3	Assessing Dynamic Breast Cancer Screening Policies. Operations Research, 2008, 56, 1411-1427.	1.9	127
4	Determining the Acceptance of Cadaveric Livers Using an Implicit Model of the Waiting List. Operations Research, 2007, 55, 24-36.	1.9	109
5	Maintenance policies for systems with condition monitoring and obvious failures. IIE Transactions, 2006, 38, 463-475.	2.1	85
6	Selective Maintenance Decision-Making Over Extended Planning Horizons. IEEE Transactions on Reliability, 2009, 58, 462-469.	4.6	75
7	Choosing Among Living-Donor and Cadaveric Livers. Management Science, 2007, 53, 1702-1715.	4.1	65
8	Estimating the Patient's Price of Privacy in Liver Transplantation. Operations Research, 2008, 56, 1393-1410.	1.9	62
9	Optimal Condition-Based Mission Abort Decisions. IEEE Transactions on Reliability, 2023, 72, 408-425.	4.6	57
10	Macronutrient variability in human milk from donors to a milk bank: Implications for feeding preterm infants. PLoS ONE, 2019, 14, e0210610.	2.5	48
11	Scheduling Preventive Maintenance as a Function of an Imperfect Inspection Interval. IEEE Transactions on Reliability, 2015, 64, 983-997.	4.6	46
12	Cost-optimal condition-monitoring for predictive maintenance of 2-phase systems. IEEE Transactions on Reliability, 2002, 51, 322-330.	4.6	44
13	Alleviating the Patient's Price of Privacy Through a Partially Observable Waiting List. Management Science, 2013, 59, 1836-1854.	4.1	40
14	Eliciting Patients' Revealed Preferences: An Inverse Markov Decision Process Approach. Decision Analysis, 2010, 7, 358-365.	2.1	32
15	Structured maintenance policies on interior sample paths. Naval Research Logistics, 2007, 54, 645-655.	2.2	20
16	OPTIMAL REPLACEMENT POLICIES UNDER ENVIRONMENT-DRIVEN DEGRADATION. Probability in the Engineering and Informational Sciences, 2012, 26, 405-424.	0.8	16
17	Optimal planning of life-depleting maintenance activities. IIE Transactions, 2014, 46, 636-652.	2.1	16
18	Ranking Sports Teams: A Customizable Quadratic Assignment Approach. Interfaces, 2005, 35, 497-510.	1.5	15

#	ARTICLE	IF	CITATIONS
19	Reassessing Tradeoffs Inherent to Simultaneous Maintenance and Production Planning. Production and Operations Management, 2012, 21, 396-403.	3.8	14
20	Structured replacement policies for a Markov-modulated shock model. Operations Research Letters, 2009, 37, 280-284.	0.7	13
21	Optimal planning of unpunctual preventive maintenance. IIE Transactions, 2017, 49, 127-143.	2.4	12
22	Optimal maintenance policies for a safety-critical system and its deteriorating sensor. Naval Research Logistics, 2017, 64, 399-417.	2.2	12
23	Optimal management of a limited number of replacements under Markovian deterioration. IIE Transactions, 2013, 45, 206-214.	2.1	11
24	Maintaining systems with heterogeneous spare parts. Naval Research Logistics, 2019, 66, 485-501.	2.2	11
25	Dynamically optimizing the administration of vaccines from multi-dose vials. IIE Transactions, 2014, 46, 623-635.	2.1	10
26	Age-replacement policies under age-dependent replacement costs. IIE Transactions, 2021, 53, 425-436.	2.4	10
27	Business Opportunity Assessment With Costly, Imperfect Information. IEEE Transactions on Engineering Management, 2008, 55, 279-291.	3.5	9
28	Optimizing RFID tag-inventorying algorithms. IIE Transactions, 2010, 42, 690-702.	2.1	8
29	Development and validation of a large scale ICU simulation model with blocking. , 2011, , .		8
30	Optimal maintenance policies for serial, multi-machine systems with non-instantaneous repairs. Naval Research Logistics, 2006, 53, 804-813.	2.2	7
31	Dynamic Abandon/Extract Decisions for Failed Cardiac Leads. Management Science, 2018, 64, 633-651.	4.1	7
32	The effect of failure-distribution specification-errors on maintenance costs. , 1999, , .		6
33	Optimal Implantable Cardioverter Defibrillator (ICD) Generator Replacement. INFORMS Journal on Computing, 2014, 26, 599-615.	1.7	6
34	Optimal Age-Replacement in Anticipation of Time-Dependent, Unpunctual Policy Implementation. IEEE Transactions on Reliability, 2021, 70, 1177-1192.	4.6	6
35	Customizing immunization clinic operations to minimize open vial waste. Socio-Economic Planning Sciences, 2016, 54, 1-17.	5.0	4
36	Optimal pinging frequencies in the search for an immobile beacon. IIE Transactions, 2016, 48, 489-500.	2.1	4

#	ARTICLE	IF	CITATIONS
37	Multi-dose vial administration with non-stationary demand and delayed service. Operations Research for Health Care, 2018, 19, 66-79.	1.2	3
38	A binomial approximation of lot yield under Markov modulated Bernoulli item yield. IIE Transactions, 2008, 40, 459-467.	2.1	2
39	Integrating Dynamic Control Charts and Maintenance Policies. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 692-696.	0.4	2
40	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.	0.7	2
41	Alleviating the Patient's Price of Privacy Through a Partially Observable Waiting List. SSRN Electronic Journal, 0, , .	0.4	1
42	Introduction to the Special Issue on Advancing Health Services. Service Science, 2018, 10, v-vii.	1.3	1
43	Optimal sequencing of heterogeneous, non-instantaneous interventions. Annals of Operations Research, 2019, 276, 109-135.	4.1	1
44	Optimal Pooling, Batching, and Pasteurizing of Donor Human Milk. Service Science, 2022, 14, 13-34.	1.3	1
45	Systematic Engineering Of Acute Care Delivery: Predictability Of Intensive Care Unit Patient Throughput Using Process Modeling. , 2011, , .		0
46	Mitigating Information Asymmetry in Liver Allocation. INFORMS Journal on Computing, 0, , .	1.7	0
47	Planning of life-depleting preventive maintenance activities with replacements. Annals of Operations Research, 0, , .	4.1	0