

# Lisa M Maillart

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

1,318  
citations

566801

15  
h-index

377514

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. <i>Management Science</i> , 2004, 50, 1420-1430.	2.4	162
2	Structured Replacement Policies for Components with Complex Degradation Processes and Dedicated Sensors. <i>Operations Research</i> , 2011, 59, 684-695.	1.2	128
3	Assessing Dynamic Breast Cancer Screening Policies. <i>Operations Research</i> , 2008, 56, 1411-1427.	1.2	127
4	Determining the Acceptance of Cadaveric Livers Using an Implicit Model of the Waiting List. <i>Operations Research</i> , 2007, 55, 24-36.	1.2	109
5	Maintenance policies for systems with condition monitoring and obvious failures. <i>IIE Transactions</i> , 2006, 38, 463-475.	2.1	85
6	Selective Maintenance Decision-Making Over Extended Planning Horizons. <i>IEEE Transactions on Reliability</i> , 2009, 58, 462-469.	3.5	75
7	Choosing Among Living-Donor and Cadaveric Livers. <i>Management Science</i> , 2007, 53, 1702-1715.	2.4	65
8	Estimating the Patient's Price of Privacy in Liver Transplantation. <i>Operations Research</i> , 2008, 56, 1393-1410.	1.2	62
9	Optimal Condition-Based Mission Abort Decisions. <i>IEEE Transactions on Reliability</i> , 2023, 72, 408-425.	3.5	57
10	Macronutrient variability in human milk from donors to a milk bank: Implications for feeding preterm infants. <i>PLoS ONE</i> , 2019, 14, e0210610.	1.1	48
11	Scheduling Preventive Maintenance as a Function of an Imperfect Inspection Interval. <i>IEEE Transactions on Reliability</i> , 2015, 64, 983-997.	3.5	46
12	Cost-optimal condition-monitoring for predictive maintenance of 2-phase systems. <i>IEEE Transactions on Reliability</i> , 2002, 51, 322-330.	3.5	44
13	Alleviating the Patient's Price of Privacy Through a Partially Observable Waiting List. <i>Management Science</i> , 2013, 59, 1836-1854.	2.4	40
14	Eliciting Patients' Revealed Preferences: An Inverse Markov Decision Process Approach. <i>Decision Analysis</i> , 2010, 7, 358-365.	1.2	32
15	Structured maintenance policies on interior sample paths. <i>Naval Research Logistics</i> , 2007, 54, 645-655.	1.4	20
16	OPTIMAL REPLACEMENT POLICIES UNDER ENVIRONMENT-DRIVEN DEGRADATION. <i>Probability in the Engineering and Informational Sciences</i> , 2012, 26, 405-424.	0.6	16
17	Optimal planning of life-depleting maintenance activities. <i>IIE Transactions</i> , 2014, 46, 636-652.	2.1	16
18	Ranking Sports Teams: A Customizable Quadratic Assignment Approach. <i>Interfaces</i> , 2005, 35, 497-510.	1.6	15

#	ARTICLE	IF	CITATIONS
19	Reassessing Tradeoffs Inherent to Simultaneous Maintenance and Production Planning. <i>Production and Operations Management</i> , 2012, 21, 396-403.	2.1	14
20	Structured replacement policies for a Markov-modulated shock model. <i>Operations Research Letters</i> , 2009, 37, 280-284.	0.5	13
21	Optimal planning of unpunctual preventive maintenance. <i>IIE Transactions</i> , 2017, 49, 127-143.	1.6	12
22	Optimal maintenance policies for a safety-critical system and its deteriorating sensor. <i>Naval Research Logistics</i> , 2017, 64, 399-417.	1.4	12
23	Optimal management of a limited number of replacements under Markovian deterioration. <i>IIE Transactions</i> , 2013, 45, 206-214.	2.1	11
24	Maintaining systems with heterogeneous spare parts. <i>Naval Research Logistics</i> , 2019, 66, 485-501.	1.4	11
25	Dynamically optimizing the administration of vaccines from multi-dose vials. <i>IIE Transactions</i> , 2014, 46, 623-635.	2.1	10
26	Age-replacement policies under age-dependent replacement costs. <i>IIE Transactions</i> , 2021, 53, 425-436.	1.6	10
27	Business Opportunity Assessment With Costly, Imperfect Information. <i>IEEE Transactions on Engineering Management</i> , 2008, 55, 279-291.	2.4	9
28	Optimizing RFID tag-inventorying algorithms. <i>IIE Transactions</i> , 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. <i>Naval Research Logistics</i> , 2006, 53, 804-813.	1.4	7
31	Dynamic Abandon/Extract Decisions for Failed Cardiac Leads. <i>Management Science</i> , 2018, 64, 633-651.	2.4	7
32	The effect of failure-distribution specification-errors on maintenance costs. , 1999, , .		6
33	Optimal Implantable Cardioverter Defibrillator (ICD) Generator Replacement. <i>INFORMS Journal on Computing</i> , 2014, 26, 599-615.	1.0	6
34	Optimal Age-Replacement in Anticipation of Time-Dependent, Unpunctual Policy Implementation. <i>IEEE Transactions on Reliability</i> , 2021, 70, 1177-1192.	3.5	6
35	Customizing immunization clinic operations to minimize open vial waste. <i>Socio-Economic Planning Sciences</i> , 2016, 54, 1-17.	2.5	4
36	Optimal pinging frequencies in the search for an immobile beacon. <i>IIE Transactions</i> , 2016, 48, 489-500.	2.1	4

#	ARTICLE	IF	CITATIONS
37	Multi-dose vial administration with non-stationary demand and delayed service. <i>Operations Research for Health Care</i> , 2018, 19, 66-79.	0.8	3
38	A binomial approximation of lot yield under Markov modulated Bernoulli item yield. <i>IIE Transactions</i> , 2008, 40, 459-467.	2.1	2
39	Integrating Dynamic Control Charts and Maintenance Policies. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009, 42, 692-696.	0.4	2
40	Selecting test sensitivity and specificity parameters to optimally maintain a degrading system. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2011, 225, 131-139.	0.6	2
41	Alleviating the Patient's Price of Privacy Through a Partially Observable Waiting List. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
42	Introduction to the Special Issue on Advancing Health Services. <i>Service Science</i> , 2018, 10, v-vii.	0.9	1
43	Optimal sequencing of heterogeneous, non-instantaneous interventions. <i>Annals of Operations Research</i> , 2019, 276, 109-135.	2.6	1
44	Optimal Pooling, Batching, and Pasteurizing of Donor Human Milk. <i>Service Science</i> , 2022, 14, 13-34.	0.9	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. <i>INFORMS Journal on Computing</i> , 0, , .	1.0	0
47	Planning of life-depleting preventive maintenance activities with replacements. <i>Annals of Operations Research</i> , 0, , .	2.6	0