

# Armann Ingolfsson

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

2,157  
citations

304368

22  
h-index

301761

39  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1409  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability and Sensitivity of an EWMA Controller. <i>Journal of Quality Technology</i> , 1993, 25, 271-287.	1.8	200
2	Optimal ambulance location with random delays and travel times. <i>Health Care Management Science</i> , 2008, 11, 262-274.	1.5	197
3	Ambulance location for maximum survival. <i>Naval Research Logistics</i> , 2008, 55, 42-58.	1.4	172
4	Catastrophe Avoidance Models for Hazardous Materials Route Planning. <i>Transportation Science</i> , 2000, 34, 165-179.	2.6	161
5	Transport risk models for hazardous materials: revisited. <i>Operations Research Letters</i> , 2005, 33, 81-89.	0.5	151
6	The application of forecasting techniques to modeling emergency medical system calls in Calgary, Alberta. <i>Health Care Management Science</i> , 2007, 10, 25-45.	1.5	123
7	Empirical Analysis of Ambulance Travel Times: The Case of Calgary Emergency Medical Services. <i>Management Science</i> , 2010, 56, 716-723.	2.4	105
8	A Survey and Experimental Comparison of Service-Level-Approximation Methods for Nonstationary M(t)/M/s(t) Queueing Systems with Exhaustive Discipline. <i>INFORMS Journal on Computing</i> , 2007, 19, 201-214.	1.0	86
9	A Markov Chain Model for an EMS System with Repositioning. <i>Production and Operations Management</i> , 2013, 22, 216-231.	2.1	86
10	Markov chain models of a telephone call center with call blending. <i>Computers and Operations Research</i> , 2007, 34, 1616-1645.	2.4	77
11	Technical Note "Approximating Vehicle Dispatch Probabilities for Emergency Service Systems with Location-Specific Service Times and Multiple Units per Location. <i>Operations Research</i> , 2009, 57, 251-255.	1.2	67
12	Simulation of single start station for Edmonton EMS. <i>Journal of the Operational Research Society</i> , 2003, 54, 736-746.	2.1	66
13	Combining integer programming and the randomization method to schedule employees. <i>European Journal of Operational Research</i> , 2010, 202, 153-163.	3.5	66
14	Accounting for time-varying queueing effects in workforce scheduling. <i>European Journal of Operational Research</i> , 2002, 139, 585-597.	3.5	64
15	Load effect on service times. <i>European Journal of Operational Research</i> , 2019, 279, 673-686.	3.5	60
16	Indicators of intensive care unit capacity strain: a systematic review. <i>Critical Care</i> , 2018, 22, 86.	2.5	50
17	The Teachers' Forum: Two Looks at the Spinner Experiment. <i>Interfaces</i> , 1999, 29, 112-126.	1.6	48
18	Social Optimal Location of Facilities with Fixed Servers, Stochastic Demand, and Congestion. <i>Production and Operations Management</i> , 2009, 18, 721-736.	2.1	43

#	ARTICLE	IF	CITATIONS
19	Computational Comparison of Five Maximal Covering Models for Locating Ambulances. Geographical Analysis, 2009, 41, 43-65.	1.9	42
20	Scheduling ambulance crews for maximum coverage. Journal of the Operational Research Society, 2010, 61, 543-550.	2.1	42
21	Modeling Load and Overwork Effects in Queueing Systems with Adaptive Service Rates. Operations Research, 2016, 64, 867-885.	1.2	36
22	A linear model for surface mining haul truck allocation incorporating shovel idle probabilities. European Journal of Operational Research, 2013, 231, 770-778.	3.5	34
23	Queueing Models of Case Managers. Management Science, 2017, 63, 882-900.	2.4	29
24	EMS Planning and Management. Profiles in Operations Research, 2013, , 105-128.	0.3	27
25	Maximizing throughput in finite-source parallel queue systems. European Journal of Operational Research, 2012, 217, 554-559.	3.5	19
26	Assessment of Costs of Avoidable Delays in Intensive Care Unit Discharge. JAMA Network Open, 2020, 3, e2013913.	2.8	19
27	Load Effect on Service Times. SSRN Electronic Journal, 0, , .	0.4	14
28	Graphical Spreadsheet Simulation of Queues. INFORMS Transactions on Education, 2002, 2, 27-39.	0.4	11
29	The Use of Queueing and Simulative Analyses to Improve an Overwhelmed Pharmacy Call Center. Journal of Pharmacy Practice, 2010, 23, 492-495.	0.5	9
30	Efficient and Reliable Computation of Birth-Death Process Performance Measures. INFORMS Journal on Computing, 2012, 24, 29-41.	1.0	8
31	Four Canadian Contributions to Stochastic Modeling. Infor, 2008, 46, 3-14.	0.5	7
32	Let's Put the Squares in Least-Squares. INFORMS Transactions on Education, 2000, 1, 47-50.	0.4	6
33	Quality and performance measures of strain on intensive care capacity: a protocol for a systematic review. Systematic Reviews, 2015, 4, 158.	2.5	6
34	Inventory is People: How Load Affects Service Times in Emergency Response. World Scientific-Now Publishers Series in Business, 2016, , 21-49.	0.0	6
35	Comparison of fluid approximations for service systems with state-dependent service rates and return probabilities. European Journal of Operational Research, 2020, 283, 562-575.	3.5	6
36	Simulating NHL Games to Motivate Student Interest in OR/MS. INFORMS Transactions on Education, 2004, 5, 37-46.	0.4	4

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37	Simulation-Based Approach for Estimating Project Completion Time of Stochastic Resource-Constrained Project Networks. <i>Journal of Computing in Civil Engineering</i> , 2012, 26, 558-560.	2.5	3
38	Rostering For A Restaurant Jeffrey Allen Litchfield. Armann Ingolfsson*. And Kwuntung Jonathan Cheng. <i>Infor</i> , 2003, 41, 287-300.	0.5	2
39	Modeling Yellow and Red Alert Durations for Ambulance Systems. <i>Production and Operations Management</i> , 2020, 29, 1972-1991.	2.1	2
40	Algorithms for Queueing Systems with Reneging and Priorities Modeled as Quasi-Birth-Death Processes. <i>INFORMS Journal on Computing</i> , 0, , .	1.0	2
41	Editorial: Advancing What We Do Best. <i>INFORMS Transactions on Education</i> , 2005, 6, 1-2.	0.4	1