

Shaler Stidham

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,736
citations

236612

25
h-index

205818

48
g-index

52
all docs

52
docs citations

52
times ranked

860
citing authors

#	ARTICLE	IF	CITATIONS
1	Airline Yield Management with Overbooking, Cancellations, and No-Shows. <i>Transportation Science</i> , 1999, 33, 147-167.	2.6	276
2	Optimal control of service rates in networks of queues. <i>Advances in Applied Probability</i> , 1987, 19, 202-218.	0.4	183
3	Technical Note "A Last Word on $L = \lambda W$ ". <i>Operations Research</i> , 1974, 22, 417-421.	1.2	178
4	A survey of Markov decision models for control of networks of queues. <i>Queueing Systems</i> , 1993, 13, 291-314.	0.6	166
5	The Underlying Markov Decision Process in the Single-Leg Airline Yield-Management Problem. <i>Transportation Science</i> , 1999, 33, 136-146.	2.6	154
6	Pricing and Capacity Decisions for a Service Facility: Stability and Multiple Local Optima. <i>Management Science</i> , 1992, 38, 1121-1139.	2.4	131
7	Individual versus Social Optimization in Exponential Congestion Systems. <i>Operations Research</i> , 1977, 25, 233-247.	1.2	128
8	Analysis, Design, and Control of Queueing Systems. <i>Operations Research</i> , 2002, 50, 197-216.	1.2	101
9	On the Optimality of Single-Server Queueing Systems. <i>Operations Research</i> , 1970, 18, 708-732.	1.2	100
10	Regenerative processes in the theory of queues, with applications to the alternating-priority queue. <i>Advances in Applied Probability</i> , 1972, 4, 542-577.	0.4	98
11	Monotonic and Insensitive Optimal Policies for Control of Queues with Undiscounted Costs. <i>Operations Research</i> , 1989, 37, 611-625.	1.2	97
12	Optimal control of service rates in networks of queues. <i>Advances in Applied Probability</i> , 1987, 19, 202-218.	0.4	95
13	Socially and Individually Optimal Control of Arrivals to a GI/M/1 Queue. <i>Management Science</i> , 1978, 24, 1598-1610.	2.4	89
14	Sample-Path Analysis of Queueing Systems. <i>Profiles in Operations Research</i> , 1999, , .	0.3	88
15	The Relation between Customer and Time Averages in Queues. <i>Operations Research</i> , 1980, 28, 983-994.	1.2	81
16	Semi-stationary clearing processes. <i>Stochastic Processes and Their Applications</i> , 1978, 6, 165-178.	0.4	67
17	Control of arrivals to a stochastic input-output system. <i>Advances in Applied Probability</i> , 1980, 12, 972-999.	0.4	64
18	Control of arrivals to two queues in series. <i>European Journal of Operational Research</i> , 1985, 21, 399-409.	3.5	64

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19	Cost Models for Stochastic Clearing Systems. <i>Operations Research</i> , 1977, 25, 100-127.	1.2	61
20	Stochastic clearing systems. <i>Stochastic Processes and Their Applications</i> , 1974, 2, 85-113.	0.4	58
21	Stability and Chaos in Input Pricing for a Service Facility with Adaptive Customer Response to Congestion. <i>Management Science</i> , 1998, 44, 246-261.	2.4	52
22	$\langle L \rangle = \hat{\lambda} \langle W \rangle$: A Discounted Analogue and a New Proof. <i>Operations Research</i> , 1972, 20, 1115-1126.	1.2	51
23	Regenerative processes in the theory of queues, with applications to the alternating-priority queue. <i>Advances in Applied Probability</i> , 1972, 4, 542-577.	0.4	48
24	Sample-path analysis of processes with imbedded point processes. <i>Queueing Systems</i> , 1989, 5, 131-165.	0.6	37
25	Optimality of monotonic policies for two-action Markovian decision processes, with applications to control of queues with delayed information. <i>Queueing Systems</i> , 1995, 21, 267-291.	0.6	32
26	Scheduling, Routing, and Flow Control in Stochastic Networks. <i>The IMA Volumes in Mathematics and Its Applications</i> , 1988, , 529-561.	0.5	29
27	Optimal service-rate control of M/G/1 queueing systems using phase methods. <i>Advances in Applied Probability</i> , 1983, 15, 616-637.	0.4	24
28	Sample-path conservation laws, with applications to scheduling queues and fluid systems. <i>Queueing Systems</i> , 2000, 36, 175-199.	0.6	21
29	Forward Recursion for Markov Decision Processes with Skip-Free-to-the-Right Transitions, Part I: Theory and Algorithm. <i>Mathematics of Operations Research</i> , 1986, 11, 295-308.	0.8	18
30	Sample-Path Analysis of Queues. , 1982, , 41-70.		15
31	Deterministic analysis of queueing systems with heterogeneous servers. <i>Theoretical Computer Science</i> , 1992, 106, 243-264.	0.5	14
32	A note on separation in mean-lower-partial-moment portfolio optimization with fixed and moving targets. <i>IIE Transactions</i> , 2005, 37, 901-906.	2.1	13
33	Non-separation in the mean-lower-partial-moment portfolio optimization problem. <i>European Journal of Operational Research</i> , 2008, 184, 701-710.	3.5	13
34	A note on sample-path stability conditions for input-output processes. <i>Operations Research Letters</i> , 1993, 14, 1-7.	0.5	12
35	Sample-path analysis of stochastic discrete-event systems. <i>Discrete Event Dynamic Systems: Theory and Applications</i> , 1993, 3, 325-346.	0.6	11
36	Continuous versions of the queueing formulas $L = \hat{\lambda}W$ and $H = \hat{\lambda}G$. <i>Operations Research Letters</i> , 1983, 2, 211-215.	0.5	10

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37	A filtered ASTA property. Queueing Systems, 1992, 11, 211-222.	0.6	10
38	Sample-path stability conditions for multiserver input-output processes. Journal of Applied Mathematics and Stochastic Analysis, 1994, 7, 437-456.	0.3	7
39	Conservation Laws for Single-Server Fluid Networks. Queueing Systems, 2001, 38, 185-194.	0.6	7
40	Scheduling in a multi-class series of queues with deterministic service times. Queueing Systems, 1996, 24, 83-99.	0.6	6
41	The Price of Anarchy for a Network of Queues in Heavy Traffic. Profiles in Operations Research, 2014, , 91-121.	0.3	5
42	Performance Bounds and Pathwise Stability for Generalized Vacation and Polling Systems. Operations Research, 1998, 46, 137-148.	1.2	4
43	Sample Path Analysis of Token Rings. Teletraffic Science and Engineering, 1994, 1, 811-820.	0.4	4
44	On the optimality of a full-service policy for a queueing system with discounted costs. Mathematical Methods of Operations Research, 2005, 62, 485-497.	0.4	3
45	Monotone Optimal Policies for Left-Skip-Free Markov Decision Processes. Profiles in Operations Research, 1999, , 191-202.	0.3	3
46	Optimal Control of Markov Chains. Profiles in Operations Research, 2000, , 325-363.	0.3	3
47	Sample-path insensitivity of symmetric queues in discrete-time. Nonlinear Analysis: Theory, Methods & Applications, 1997, 30, 1099-1110.	0.6	2
48	Filtration of ASTA: a weak convergence approach. Journal of Statistical Planning and Inference, 2002, 100, 171-183.	0.4	2
49	A sample-path approach to Palm probabilities. Journal of Applied Probability, 1994, 31, 430-437.	0.4	1
50	Control of arrivals to a stochastic input-output system. Advances in Applied Probability, 1980, 12, 972-999.	0.4	0
51	A sample-path approach to Palm probabilities. Journal of Applied Probability, 1994, 31, 430-437.	0.4	0