Shaler Stidham

List of Publications by Year
in descending order

51 papers	2,736 citations	236925 25 h-index	206112 48 g-index
52 all docs	52 docs citations	52 times ranked	860 citing authors

#	Article	IF	Citations
1	The Price of Anarchy for a Network of Queues in Heavy Traffic. Profiles in Operations Research, 2014, , 91-121.	0.4	5
2	Non-separation in the mean–lower-partial-moment portfolio optimization problem. European Journal of Operational Research, 2008, 184, 701-710.	5.7	13
3	On the optimality of a full-service policy for a queueing system with discounted costs. Mathematical Methods of Operations Research, 2005, 62, 485-497.	1.0	3
4	A note on separation in mean-lower-partial-moment portfolio optimization with fixed and moving targets. IIE Transactions, 2005, 37, 901-906.	2.1	13
5	Analysis, Design, and Control of Queueing Systems. Operations Research, 2002, 50, 197-216.	1.9	101
6	Filtration of ASTA: a weak convergence approach. Journal of Statistical Planning and Inference, 2002, 100, 171-183.	0.6	2
7	Conservation Laws for Single-Server Fluid Networks. Queueing Systems, 2001, 38, 185-194.	0.9	7
8	Sample-path conservation laws, with applications to scheduling queues and fluid systems. Queueing Systems, 2000, 36, 175-199.	0.9	21
9	Optimal Control of Markov Chains. Profiles in Operations Research, 2000, , 325-363.	0.4	3
10	Airline Yield Management with Overbooking, Cancellations, and No-Shows. Transportation Science, 1999, 33, 147-167.	4.4	276
11	The Underlying Markov Decision Process in the Single-Leg Airline Yield-Management Problem. Transportation Science, 1999, 33, 136-146.	4.4	154
12	Monotone Optimal Policies for Left-Skip-Free Markov Decision Processes. Profiles in Operations Research, 1999, , 191-202.	0.4	3
13	Sample-Path Analysis of Queueing Systems. Profiles in Operations Research, 1999, , .	0.4	88
14	Stability and Chaos in Input Pricing for a Service Facility with Adaptive Customer Response to Congestion. Management Science, 1998, 44, 246-261.	4.1	52
15	Performance Bounds and Pathwise Stability for Generalized Vacation and Polling Systems. Operations Research, 1998, 46, 137-148.	1.9	4
16	Sample-path insensitivity of symmetric queues in discrete-time. Nonlinear Analysis: Theory, Methods & Applications, 1997, 30, 1099-1110.	1.1	2
17	Scheduling in a multi-class series of queues with deterministic service times. Queueing Systems, 1996, 24, 83-99.	0.9	6
18	Optimality of monotonic policies for two-action Markovian decision processes, with applications to control of queues with delayed information. Queueing Systems, 1995, 21, 267-291.	0.9	32

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19	A sample-path approach to Palm probabilities. Journal of Applied Probability, 1994, 31, 430-437.	0.7	1
20	Sample-path stability conditions for multiserver input-output processes. Journal of Applied Mathematics and Stochastic Analysis, 1994, 7, 437-456.	0.3	7
21	A sample-path approach to Palm probabilities. Journal of Applied Probability, 1994, 31, 430-437.	0.7	0
22	Sample Path Analysis of Token Rings. Teletraffic Science and Engineering, 1994, 1, 811-820.	0.4	4
23	A note on sample-path stability conditions for input—output processes. Operations Research Letters, 1993, 14, 1-7.	0.7	12
24	A survey of Markov decision models for control of networks of queues. Queueing Systems, 1993, 13, 291-314.	0.9	166
25	Sample-path analysis of stochastic discrete-event systems. Discrete Event Dynamic Systems: Theory and Applications, 1993, 3, 325-346.	1.5	11
26	Pricing and Capacity Decisions for a Service Facility: Stability and Multiple Local Optima. Management Science, 1992, 38, 1121-1139.	4.1	131
27	A filtered ASTA property. Queueing Systems, 1992, 11, 211-222.	0.9	10
28	Deterministic analysis of queueing systems with heterogeneous servers. Theoretical Computer Science, 1992, 106, 243-264.	0.9	14
29	Sample-path analysis of processes with imbedded point processes. Queueing Systems, 1989, 5, 131-165.	0.9	37
30	Monotonic and Insensitive Optimal Policies for Control of Queues with Undiscounted Costs. Operations Research, 1989, 37, 611-625.	1.9	97
31	Scheduling, Routing, and Flow Control in Stochastic Networks. The IMA Volumes in Mathematics and Its Applications, 1988, , 529-561.	0.5	29
32	Optimal control of service rates in networks of queues. Advances in Applied Probability, 1987, 19, 202-218.	0.7	183
33	Optimal control of service rates in networks of queues. Advances in Applied Probability, 1987, 19, 202-218.	0.7	95
34	Forward Recursion for Markov Decision Processes with Skip-Free-to-the-Right Transitions, Part I: Theory and Algorithm. Mathematics of Operations Research, 1986, 11, 295-308.	1.3	18
35	Control of arrivals to two queues in series. European Journal of Operational Research, 1985, 21, 399-409.	5.7	64
36	Continuous versions of the queuing formulas L = λW and H = λG. Operations Research Letters, 1983, 2, 211-215.	0.7	10

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37	Optimal service-rate control of M/G/1 queueing systems using phase methods. Advances in Applied Probability, 1983, 15, 616-637.	0.7	24
38	Sample-Path Analysis of Queues. , 1982, , 41-70.		15
39	The Relation between Customer and Time Averages in Queues. Operations Research, 1980, 28, 983-994.	1.9	81
40	Control of arrivals to a stochastic input–output system. Advances in Applied Probability, 1980, 12, 972-999.	0.7	0
41	Control of arrivals to a stochastic input–output system. Advances in Applied Probability, 1980, 12, 972-999.	0.7	64
42	Semi-stationary clearing processes. Stochastic Processes and Their Applications, 1978, 6, 165-178.	0.9	67
43	Socially and Individually Optimal Control of Arrivals to aGI/M/1 Queue. Management Science, 1978, 24, 1598-1610.	4.1	89
44	Individual versus Social Optimization in Exponential Congestion Systems. Operations Research, 1977, 25, 233-247.	1.9	128
45	Cost Models for Stochastic Clearing Systems. Operations Research, 1977, 25, 100-127.	1.9	61
46	Stochastic clearing systems. Stochastic Processes and Their Applications, 1974, 2, 85-113.	0.9	58
47	Technical Note—A Last Word on$L = \lambda W$. Operations Research, 1974, 22, 417-421.	1.9	178
48	Regenerative processes in the theory of queues, with applications to the alternating-priority queue. Advances in Applied Probability, 1972, 4, 542-577.	0.7	98
49	$L = \lambda W$: A Discounted Analogue and a New Proof. Operations Research, 1972, 20, 1115-1126.	1.9	51
50	Regenerative processes in the theory of queues, with applications to the alternating-priority queue. Advances in Applied Probability, 1972, 4, 542-577.	0.7	48
51	On the Optimality of Single-Server Queuing Systems. Operations Research, 1970, 18, 708-732.	1.9	100