Lee W Schruben

List of Publications by Year
in descending order

567281

552781

32 papers	1,157 citations	15 h-index	26 g-index
35 all docs	35 docs citations	35 times ranked	355 citing authors

#	Article	IF	Citations
1	Detecting Initialization Bias in Simulation Output. Operations Research, 1982, 30, 569-590.	1.9	195
2	Pseudorandom Number Assignment in Statistically Designed Simulation and Distribution Sampling Experiments. Journal of the American Statistical Association, 1978, 73, 504-520.	3.1	150
3	Establishing the credibility of simulations. Simulation, 1980, 34, 101-105.	1.8	126
4	Techniques for simulation response optimization. Operations Research Letters, 1989, 8, 1-9.	0.7	115
5	An experimental procedure for simulation response surface model identification. Communications of the ACM, 1987, 30, 716-730.	4.5	98
6	A survey of recent advances in discrete input parameter discrete-event simulation optimization. IIE Transactions, 2004, 36, 591-600.	2.1	57
7	Driving Frequency Selection for Frequency Domain Simulation Experiments. Operations Research, 1991, 39, 917-924.	1.9	52
8	On the Generality of Event-Graph Models. INFORMS Journal on Computing, 2005, 17, 3-9.	1.7	50
9	A Coverage Function for Interval Estimators of Simulation Response. Management Science, 1980, 26, 18-27.	4.1	39
10	Tests for transient means in simulated time series. Naval Research Logistics, 1994, 41, 171-187.	2.2	36
11	DESIGNING CORRELATION INDUCTION STRATEGIES FOR SIMULATION EXPERIMENTS. , 1979, , 235-256.		33
12	Pseudorandom Number Assignment in Statistically Designed Simulation and Distribution Sampling Experiments. Journal of the American Statistical Association, 1978, 73, 504.	3.1	33
13	Simulation Factor Screening Using Harmonic Analysis. Management Science, 1993, 39, 1459-1476.	4.1	29
14	Using worker personality and demographic information to improve system performance prediction. Journal of Operations Management, 2004, 22, 355-367.	5.2	19
15	Mathematical programming models of closed tandem queueing networks. ACM Transactions on Modeling and Computer Simulation, 2008, 19, 1-27.	0.8	17
16	A Simulation-Based Closed Queueing Network Approximation of Semiconductor Automated Material Handling Systems. IEEE Transactions on Semiconductor Manufacturing, 2011, 24, 5-13.	1.7	14
17	Finite-Sample Performance of Absolute Precision Stopping Rules. INFORMS Journal on Computing, 2012, 24, 624-635.	1.7	11
18	Response Gradient Estimation using Mathematical Programming Models of Discrete-Event System Sample Paths. , 2006, , .		6

#	Article	IF	Citations
19	Data-driven simulation of complex multidimensional time series. ACM Transactions on Modeling and Computer Simulation, 2014, 24, 1-13.	0.8	6
20	Frequency domain metamodelling of a feedback queue. , 1987, , .		5
21	A frequency domain metamodeling approach to transient sensitivity analysis. IIE Transactions, 2001, 33, 229-244.	2.1	5
22	Simulating multivariate time series using flocking. , 2010, , .		5
23	Transaction tagging in highly congested queueing simulations. Queueing Systems, 1988, 3, 257-264.	0.9	4
24	Graphical methods for comparing confounding in two or more designs. Communications in Statistics Part B: Simulation and Computation, 1994, 23, 953-971.	1.2	4
25	Panel discussion: What makes good research in modeling and simulation: Assessing the quality, success, and utility of M&S research. , 2008, , .		4
26	Information models for queueing system simulation. ACM Transactions on Modeling and Computer Simulation, 2010, 20, 1-34.	0.8	4
27	Analysis of sequential stopping rules. , 2009, , .		3
28	A frequency domain metamodeling approach to transient sensitivity analysis. IIE Transactions, 2001, 33, 229-244.	2.1	2
29	Assignment of Primary Response Zones to Emergency Medical Units. A I I E Transactions, 1979, 11, 30-36.	0.3	1
30	Simulation factor screening using cross-spectral methods. Operations Research Letters, 1993, 13, 247-257.	0.7	1
31	Mathematical programming representations for state-dependent queues. , 2008, , .		1
32	Optimization of stochastic dynamical systems in the frequency domain. , 1988, , 925-938.		0