

Pieter-Tjerk de Boer

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,253
citations

1162889

8
h-index

580701

25
g-index

31
all docs

31
docs citations

31
times ranked

2266
citing authors

#	ARTICLE	IF	CITATIONS
1	A Tutorial on the Cross-Entropy Method. <i>Annals of Operations Research</i> , 2005, 134, 19-67.	2.6	1,865
2	Unified Frequency-Domain Analysis of Switched-Series- Σ Passive Mixers and Samplers. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2010, 57, 2618-2631.	3.5	122
3	A Fast Cross-Entropy Method for Estimating Buffer Overflows in Queueing Networks. <i>Management Science</i> , 2004, 50, 883-895.	2.4	49
4	Analysis of state-independent importance-sampling measures for the two-node tandem queue. <i>ACM Transactions on Modeling and Computer Simulation</i> , 2006, 16, 225-250.	0.6	36
5	Rare event simulation for dynamic fault trees. <i>Reliability Engineering and System Safety</i> , 2019, 186, 220-231.	5.1	32
6	Adaptive state-dependent importance sampling simulation of markovian queueing networks. <i>European Transactions on Telecommunications</i> , 2002, 13, 303-315.	1.2	23
7	The Remaining Service Time upon Reaching a High Level in M/G/1 Queues. <i>Queueing Systems</i> , 2001, 39, 55-78.	0.6	21
8	Autonomic Parameter Tuning of Anomaly-Based IDSs: an SSH Case Study. <i>IEEE Transactions on Network and Service Management</i> , 2012, 9, 128-141.	3.2	20
9	Large deviations for the total queue size in non-Markovian tandem queues. <i>Queueing Systems</i> , 2017, 85, 305-312.	0.6	9
10	Rare event simulation for highly dependable systems with fast repairs. <i>Performance Evaluation</i> , 2012, 69, 336-355.	0.9	8
11	Spectrum Efficient, Localized, Orthogonal Waveforms: Closing the Gap With the Balian-Low Theorem. <i>IEEE Transactions on Communications</i> , 2016, 64, 2155-2165.	4.9	8
12	Alternative proof and interpretations for a recent state-dependent importance sampling scheme. <i>Queueing Systems</i> , 2007, 57, 61-69.	0.6	7
13	Passive Observations of a Large DNS Service: 2.5 Years in the Life of Google. <i>IEEE Transactions on Network and Service Management</i> , 2020, 17, 190-200.	3.2	7
14	Estimating the probability of a rare event over a finite time horizon. , 2007, , .		6
15	Path-ZVA. <i>ACM Transactions on Modeling and Computer Simulation</i> , 2018, 28, 1-25.	0.6	6
16	Rare-Event Simulation of Non-Markovian Queueing Networks Using a State-Dependent Change of Measure Determined Using Cross-Entropy. <i>Annals of Operations Research</i> , 2005, 134, 69-100.	2.6	5
17	Interference Mitigation by Adaptive Analog Spatial Filtering for MIMO Receivers. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021, 69, 4169-4179.	2.9	5
18	Rare Event Simulation for Dynamic Fault Trees. <i>Lecture Notes in Computer Science</i> , 2017, , 20-35.	1.0	4

#	ARTICLE	IF	CITATIONS
19	Threats and surprises behind IPv6 extension headers. , 2017, , .		3
20	Synchronization and matched filtering in time-frequency using the sunflower spiral. , 2012, , .		2
21	Peak-to-average power reduction by rotation of the time-frequency representation. , 2013, , .		2
22	A sequential hypothesis test based on a generalized Azuma inequality. Statistics and Probability Letters, 2015, 97, 192-196.	0.4	2
23	Importance sampling for non-Markovian tandem queues using subsolutions. Queueing Systems, 2019, 93, 31-65.	0.6	2
24	ON STATE-INDEPENDENT IMPORTANCE SAMPLING FOR THE $G G 1$ TANDEM QUEUE1. Probability in the Engineering and Informational Sciences, 2020, 34, 131-156.	0.6	2
25	Vector Modulator-Based Analog Beamforming Using the Least Euclidean Distance Criterion. IEEE Access, 2021, 9, 65411-65417.	2.6	2
26	Improving Adaptive Importance Sampling Simulation of Markovian Queueing Models using Non-parametric Smoothing. Simulation, 2007, 83, 811-820.	1.1	1
27	Severe congestion handling approaches in NSIS RMD domains with bi-directional reservations. Computer Communications, 2008, 31, 3153-3162.	3.1	1
28	Sideband Asymmetry in Ionospheric Cross Modulation. Radio Science, 2018, 53, 640-655.	0.8	1
29	Simplified Harmonic Rejection Mixer Analysis and Design Based on a Filtered Periodic Impulse Model. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2292-2296.	2.2	1
30	Importance sampling for Markovian tandem queues using subsolutions: exploring the possibilities. Simulation, 0, , 003754972110413.	1.1	1
31	Machine Learning Data Center Workloads Using Generative Adversarial Networks. Performance Evaluation Review, 2020, 48, 21-23.	0.4	0