# Pieter-Tjerk de Boer

## List of Publications by Year
in descending order

| 31 | 2,253 | 1162889 | 580701 |
|----|-------|---------|--------|
| papers | citations | 8 | 25 |
| | | h-index | g-index |

| 31 | 31 | 31 | 2266 |
|----|----|----|------|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | Vector Modulator-Based Analog Beamforming Using the Least Euclidean Distance Criterion. IEEE Access, 2021, 9, 65411-65417. | 2.6 | 2 |
| 2 | 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 |
| 3 | Interference Mitigation by Adaptive Analog Spatial Filtering for MIMO Receivers. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 4169-4179. | 2.9 | 5 |
| 4 | ON STATE-INDEPENDENT IMPORTANCE SAMPLING FOR THE GI\|GI\|1 TANDEM QUEUE1. Probability in the Engineering and Informational Sciences, 2020, 34, 131-156. | 0.6 | 2 |
| 5 | Passive Observations of a Large DNS Service: 2.5 Years in the Life of Google. IEEE Transactions on Network and Service Management, 2020, 17, 190-200. | 3.2 | 7 |
| 6 | Machine Learning Data Center Workloads Using Generative Adversarial Networks. Performance Evaluation Review, 2020, 48, 21-23. | 0.4 | 0 |
| 7 | Importance sampling for non-Markovian tandem queues using subsolutions. Queueing Systems, 2019, 93, 31-65. | 0.6 | 2 |
| 8 | Rare event simulation for dynamic fault trees. Reliability Engineering and System Safety, 2019, 186, 220-231. | 5.1 | 32 |
| 9 | Sideband Asymmetry in Ionospheric Cross Modulation. Radio Science, 2018, 53, 640-655. | 0.8 | 1 |
| 10 | Path-ZVA. ACM Transactions on Modeling and Computer Simulation, 2018, 28, 1-25. | 0.6 | 6 |
| 11 | Large deviations for the total queue size in non-Markovian tandem queues. Queueing Systems, 2017, 85, 305-312. | 0.6 | 9 |
| 12 | Threats and surprises behind IPv6 extension headers. , 2017, , . | | 3 |
| 13 | Rare Event Simulation for Dynamic Fault Trees. Lecture Notes in Computer Science, 2017, , 20-35. | 1.0 | 4 |
| 14 | Spectrum Efficient, Localized, Orthogonal Waveforms: Closing the Gap With the Balian-Low Theorem. IEEE Transactions on Communications, 2016, 64, 2155-2165. | 4.9 | 8 |
| 15 | A sequential hypothesis test based on a generalized Azuma inequality. Statistics and Probability Letters, 2015, 97, 192-196. | 0.4 | 2 |
| 16 | Peak-to-average power reduction by rotation of the time-frequency representation. , 2013, , . | | 2 |
| 17 | Synchronization and matched filtering in time-frequency using the sunflower spiral. , 2012, , . | | 2 |
| 18 | Autonomic Parameter Tuning of Anomaly-Based IDSs: an SSH Case Study. IEEE Transactions on Network and Service Management, 2012, 9, 128-141. | 3.2 | 20 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Rare event simulation for highly dependable systems with fast repairs. Performance Evaluation, 2012, 69, 336-355. | 0.9 | 8 |
| 20 | Unified Frequency-Domain Analysis of Switched-Series-$RC$ Passive Mixers and Samplers. IEEE Transactions on Circuits and Systems I: Regular Papers, 2010, 57, 2618-2631. | 3.5 | 122 |
| 21 | Severe congestion handling approaches in NSIS RMD domains with bi-directional reservations. Computer Communications, 2008, 31, 3153-3162. | 3.1 | 1 |
| 22 | Improving Adaptive Importance Sampling Simulation of Markovian Queueing Models using Non-parametric Smoothing. Simulation, 2007, 83, 811-820. | 1.1 | 1 |
| 23 | Estimating the probability of a rare event over a finite time horizon. , 2007, , . | | 6 |
| 24 | Alternative proof and interpretations for a recent state-dependent importance sampling scheme. Queueing Systems, 2007, 57, 61-69. | 0.6 | 7 |
| 25 | Analysis of state-independent importance-sampling measures for the two-node tandem queue. ACM Transactions on Modeling and Computer Simulation, 2006, 16, 225-250. | 0.6 | 36 |
| 26 | A Tutorial on the Cross-Entropy Method. Annals of Operations Research, 2005, 134, 19-67. | 2.6 | 1,865 |
| 27 | Rare-Event Simulation of Non-Markovian Queueing Networks Using a State-Dependent Change of Measure Determined Using Cross-Entropy. Annals of Operations Research, 2005, 134, 69-100. | 2.6 | 5 |
| 28 | A Fast Cross-Entropy Method for Estimating Buffer Overflows in Queueing Networks. Management Science, 2004, 50, 883-895. | 2.4 | 49 |
| 29 | Adaptive state–dependent importance sampling simulation of markovian queueing networks. European Transactions on Telecommunications, 2002, 13, 303-315. | 1.2 | 23 |
| 30 | The Remaining Service Time upon Reaching a High Level in M/G/1 Queues. Queueing Systems, 2001, 39, 55-78. | 0.6 | 21 |
| 31 | Importance sampling for Markovian tandem queues using subsolutions: exploring the possibilities. Simulation, 0, , 003754972110413. | 1.1 | 1 |