

# Sabine Wittevrongel

## List of Publications by Year in descending order

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35  
papers

223  
citations

1307594

7  
h-index

1125743

13  
g-index

35  
all docs

35  
docs citations

35  
times ranked

124  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discrete-time multiserver queues with geometric service times. Computers and Operations Research, 2004, 31, 81-99.	4.0	44
2	Analysis of secondary user performance in cognitive radio networks with reactive spectrum handoff. Telecommunication Systems, 2017, 65, 539-550.	2.5	20
3	Discrete-time queues with variable service capacity: a basic model and its analysis. Annals of Operations Research, 2016, 239, 359-380.	4.1	13
4	Queueing models for cognitive wireless networks with sensing time of secondary users. Annals of Operations Research, 2022, 310, 641-660.	4.1	12
5	Calculation of delay characteristics for multiserver queues with constant service times. European Journal of Operational Research, 2009, 199, 170-175.	5.7	11
6	Tradeoff Between Ergodic Energy Efficiency and Spectral Efficiency in D2D Communications Under Rician Fading Channel. IEEE Transactions on Vehicular Technology, 2020, 69, 9750-9766.	6.3	10
7	Saturation Throughput in a Heterogeneous Multi-Channel Cognitive Radio Network. , 2011, , .		9
8	Queueing models for the analysis of communication systems. Top, 2014, 22, 421-448.	1.6	8
9	Analysis of Stop-and-Wait ARQ for a wireless channel. 4or, 2009, 7, 61-78.	1.6	7
10	Analysis of a discrete-time single-server queue with an occasional extra server. Performance Evaluation, 2017, 116, 119-142.	1.2	7
11	Algorithmic approach to series expansions around transient Markov chains. , 2012, , .		7
12	Analysis of discrete-time queues with general service demands and finite-support service capacities. Annals of Operations Research, 2017, 252, 3-28.	4.1	6
13	On Queues with General Service Demands and Constant Service Capacity. Lecture Notes in Computer Science, 2014, , 210-225.	1.3	6
14	The Discrete-Time Queue with Geometrically Distributed Service Capacities Revisited. Lecture Notes in Computer Science, 2013, , 443-456.	1.3	6
15	Delay and partial system contents for a discrete-time G-D-c queue. 4or, 2008, 6, 279-290.	1.6	5
16	A Taylor Series Approach for Service-Coupled Queueing Systems with Intermediate Load. Mathematical Problems in Engineering, 2017, 2017, 1-10.	1.1	5
17	Performance Evaluation of Cognitive Radio Networks with Imperfect Spectrum Sensing and Bursty Primary User Traffic. Mathematical Problems in Engineering, 2020, 2020, 1-11.	1.1	5
18	Delay Analysis for a Discrete-Time GI-D-c Queue with Arbitrary-Length Service Times. Lecture Notes in Computer Science, 2004, , 184-195.	1.3	5

#	ARTICLE	IF	CITATIONS
19	Analysis of a Discrete-Time Queueing Model with Disasters. Mathematics, 2021, 9, 3283.	2.2	5
20	Analytic study of multiserver buffers with two-state Markovian arrivals and constant service times of multiple slots. Mathematical Methods of Operations Research, 2008, 67, 269-284.	1.0	4
21	Analysis of a queue with general service demands and correlated service capacities. Annals of Operations Research, 2020, 293, 73-99.	4.1	4
22	Performance analysis of buffers with train arrivals and correlated output interruptions. Journal of Industrial and Management Optimization, 2015, 11, 829-848.	1.3	4
23	Performance Analysis of a Cognitive Radio Network with Imperfect Spectrum Sensing. IEICE Transactions on Communications, 2018, E101.B, 213-222.	0.7	3
24	Analysis of a 2-state discrete-time queue with stochastic state-period lengths and state-dependent server availability and arrivals. Performance Evaluation, 2019, 135, 102026.	1.2	3
25	A simple and efficient computing procedure of the stationary system-length distributions for $G G 1$ and $G G 1$ queues. Computers and Operations Research, 2022, 138, 105564.	1.3	3
26	Analysis of a discrete-time queue with general service demands and phase-type service capacities. Journal of Industrial and Management Optimization, 2017, 13, 1901-1926.	1.3	3
27	On the Performance of Secondary Users in a Cognitive Radio Network. Lecture Notes in Computer Science, 2014, , 208-222.	1.3	2
28	Delay analysis of a discrete-time single-server queue with an occasional extra server. Annals of Operations Research, 2020, , 1.	4.1	1
29	Optimal Multi-Objective Resource Allocation for D2D Underlying Cellular Networks in Uplink Communications. IEEE Access, 2021, 9, 114153-114166.	4.2	1
30	Delay in a 2-State Discrete-Time Queue with Stochastic State-Period Lengths and State-Dependent Server Availability and Arrivals. Mathematics, 2021, 9, 1709.	2.2	1
31	Delay Analysis of a Two-Server Discrete-Time Queue Where One Server Is Only Intermittently Available. Lecture Notes in Computer Science, 2019, , 128-146.	1.3	1
32	An Analytical Performance Evaluation Tool for Wireless Access Points with Opportunistic Scheduling. , 2016, , .		1
33	An All Geometric Discrete-Time Multiserver Queueing System. Lecture Notes in Computer Science, 2020, , 57-70.	1.3	1
34	Queueing analysis of opportunistic scheduling with spatially correlated channels. Computer Communications, 2019, 134, 149-162.	5.1	0
35	A Short Note on the System-Length Distribution in a Finite-Buffer $G G 1/N$ Queue Using Roots. Lecture Notes in Computer Science, 2021, , 396-410.	1.3	0