

# Hans Daduna

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Analysis of semi-open queueing networks using lost customers approximation with an application to robotic mobile fulfilment systems. OR Spectrum, 2022, 44, 603-648.	3.4	5
2	Graph-Based Mobility Models: Asymptotic and Stationary Node Distribution. Lecture Notes in Computer Science, 2020, , 155-172.	1.3	2
3	Performance Analysis for Loss Systems with Many Subscribers and Concurrent Services. Lecture Notes in Computer Science, 2020, , 118-135.	1.3	0
4	Robustness analysis of generalized Jackson network. Computational Management Science, 2019, 16, 697-714.	1.3	0
5	Optimal capacity allocation in a production inventory system with base stock. Annals of Operations Research, 2019, 277, 329-344.	4.1	4
6	Analysis of Jackson networks with infinite supply and unreliable nodes. Queueing Systems, 2017, 87, 181-207.	0.9	7
7	Monotonicity of base stock policies. Operations Research Letters, 2016, 44, 186-190.	0.7	2
8	Jackson networks in nonautonomous random environments. Advances in Applied Probability, 2016, 48, 315-331.	0.7	8
9	Moving Queue on a Network. Lecture Notes in Computer Science, 2016, , 40-54.	1.3	2
10	Loss systems in a random environment: steady state analysis. Queueing Systems, 2015, 80, 127-153.	0.9	26
11	The cyclic queue and the tandem queue. Queueing Systems, 2014, 77, 275-295.	0.9	2
12	Throughput limits from the asymptotic profile of cyclic networks with state-dependent service rates. Queueing Systems, 2008, 58, 191-219.	0.9	4
13	Impact of Routing on Correlation Strength in Stationary Queueing Network Processes. Journal of Applied Probability, 2008, 45, 846-878.	0.7	5
14	Product Form Models for Queueing Networks with an Inventory. Stochastic Models, 2007, 23, 627-663.	0.5	28
15	M/M/1 Queueing systems with inventory. Queueing Systems, 2006, 54, 55-78.	0.9	145
16	Queueing systems with inventory management with random lead times and with backordering. Mathematical Methods of Operations Research, 2006, 64, 383-414.	1.0	64
17	Availability Formulas and Performance Measures for Separable Degradable Networks. Economic Quality Control, 2003, 18, .	0.3	21
18	Optimal admission control for M/D/1/K queueing systems. Mathematical Methods of Operations Research, 1999, 50, 91-100.	1.0	6