Sandjai Bhulai

List of Publications by Year
in descending order

50	657	758635 12	676716 22
papers	citations	h-index	g-index

51	51	51	445
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Simple Methods for Shift Scheduling in Multiskill Call Centers. Manufacturing and Service Operations Management, 2008, 10, 411-420.	2.3	83
2	The predictive power of ranking systems in association football. International Journal of Applied Pattern Recognition, 2013, 1, 27.	0.3	76
3	A Simple Staffing Method for Multiskill Call Centers. Manufacturing and Service Operations Management, 2008, 10, 421-428.	2.3	46
4	Background and enrollment characteristics of students with autism in higher education. Research in Autism Spectrum Disorders, 2019, 67, 101424.	0.8	46
5	Real-time ambulance relocation: Assessing real-time redeployment strategies for ambulance relocation. Socio-Economic Planning Sciences, 2018, 62, 129-142.	2.5	30
6	On the structure of value functions for threshold policies in queueing models. Journal of Applied Probability, 2003, 40, 613-622.	0.4	20
7	On the structure of value functions for threshold policies in queueing models. Journal of Applied Probability, 2003, 40, 613-622.	0.4	19
8	On the value function of the M/Cox(r)/1 queue. Journal of Applied Probability, 2006, 43, 363-376.	0.4	19
9	DYNAMIC ROUTING POLICIES FOR MULTISKILL CALL CENTERS. Probability in the Engineering and Informational Sciences, 2009, 23, 101-119.	0.6	19
10	Deep learning for white cabbage seedling prediction. Computers and Electronics in Agriculture, 2021, 184, 106059.	3.7	17
11	How to improve a team's position in the FIFA ranking? A simulation study. Journal of Applied Statistics, 2016, 43, 1349-1368.	0.6	16
12	Identifying socio-demographic risk factors for suicide using data on an individual level. BMC Public Health, 2021, 21, 1702.	1.2	16
13	Optimizing pre-processing and relocation moves in the Stochastic Container Relocation Problem. European Journal of Operational Research, 2020, 283, 954-971.	3.5	15
14	Optimal resource allocation for multiqueue systems with a shared server pool. Queueing Systems, 2011, 68, 133-163.	0.6	13
15	Demand-point constrained EMS vehicle allocation problems for regions with both urban and rural areas. Operations Research for Health Care, 2018, 18, 65-83.	0.8	13
16	Parametric replenishment policies for inventory systems with lost sales and fixed order cost. European Journal of Operational Research, 2015, 241, 381-390.	3.5	12
17	On the uniqueness of solutions to the Poisson equations for average cost Markov chains with unbounded cost functions. Mathematical Methods of Operations Research, 2003, 58, 221-236.	0.4	11
18	Parameter-dependent convergence bounds and complexity measure for a class of conceptual hydrological models. Journal of Hydroinformatics, 2012, 14, 443-463.	1.1	11

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19	Structural properties of the optimal resource allocation policy for single-queue systems. Annals of Operations Research, 2013, 202, 211-233.	2.6	11
20	Optimal appointment scheduling in continuous time: The lag order approximation method. European Journal of Operational Research, 2015, 240, 213-219.	3.5	11
21	Ambulance Dispatch Center Pilots Proactive Relocation Policies to Enhance Effectiveness. Interfaces, 2018, 48, 235-246.	1.6	11
22	First-Year Progression and Retention of Autistic Students in Higher Education: A Propensity Score-Weighted Population Study. Autism in Adulthood, 2020, 2, 307-316.	4.0	11
23	Dynamic thread assignment in web server performance optimization. Performance Evaluation, 2009, 66, 301-310.	0.9	10
24	APPROXIMATE DYNAMIC PROGRAMMING TECHNIQUES FOR THE CONTROL OF TIME-VARYING QUEUING SYSTEMS APPLIED TO CALL CENTERS WITH ABANDONMENTS AND RETRIALS. Probability in the Engineering and Informational Sciences, 2010, 24, 27-45.	0.6	10
25	Optimizing barge utilization in hinterland container transportation. Naval Research Logistics, 2019, 66, 253-271.	1.4	10
26	Pre-processing a container yard under limited available time. Computers and Operations Research, 2020, 123, 105045.	2.4	10
27	Optimal balanced control for call centers. Annals of Operations Research, 2012, 201, 39-62.	2.6	9
28	EMS call center models with and without function differentiation: A comparison. Operations Research for Health Care, 2017, 12, 16-28.	0.8	9
29	Convolutional Neural Networks for vehicle damage detection. Machine Learning With Applications, 2022, 9, 100332.	3.0	9
30	Optimal resource allocation for time-reservation systems. Performance Evaluation, 2011, 68, 414-428.	0.9	8
31	Forecasting Spatio-Temporal Variation in Residential Burglary with the Integrated Laplace Approximation Framework: Effects of Crime Generators, Street Networks, and Prior Crimes. Journal of Quantitative Criminology, 2021, 37, 835-862.	2.0	8
32	Demographic Risk Factors for Suicide among Youths in The Netherlands. International Journal of Environmental Research and Public Health, 2020, 17, 1182.	1.2	8
33	A simulation model for emergency medical services call centers. , 2015, , .		6
34	The median routing problem for simultaneous planning of emergency response and non-emergency jobs. European Journal of Operational Research, 2020, 285, 712-727.	3.5	5
35	Study progression and degree completion of autistic students in higher education: a longitudinal study. Higher Education, 2023, 85, 1-26.	2.8	5
36	Transaction-Driven Mobility Analysis for Travel Mode Choices. Procedia Computer Science, 2020, 170, 169-176.	1.2	4

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37	On the relation between COVID-19, mobility, and the stock market. PLoS ONE, 2021, 16, e0261381.	1.1	4
38	Open-loop routeing to M parallel servers with no buffers. Journal of Applied Probability, 2000, 37, 668-684.	0.4	3
39	Session-Level Load Balancing for High-Dimensional Systems. IEEE Transactions on Automatic Control, 2009, 54, 2018-2023.	3.6	2
40	Learning Optimal Policies in Markov Decision Processes with Value Function Discovery?. Performance Evaluation Review, 2015, 43, 7-9.	0.4	2
41	A data-driven approach to deriving closed-form approximations for queueing problems using genetic algorithms. Queueing Systems, 2022, 100, 549-551.	0.6	2
42	Multi-view damage inspection using single-view damage projection. Machine Vision and Applications, 2022, 33, 1.	1.7	2
43	Optimal resource allocation in synchronized multi-tier Internet services. Performance Evaluation, 2011, 68, 1072-1084.	0.9	1
44	On the Control of a Queueing System with Aging State Information. Stochastic Models, 2015, 31, 588-617.	0.3	1
45	Dynamic server assignment in an extended machine-repair model. IIE Transactions, 2015, 47, 392-413.	2.1	1
46	Value Function Approximation in Complex Queueing Systems. Profiles in Operations Research, 2017, , 33-62.	0.3	1
47	DECISION SUPPORT SYSTEM FOR WATER ADAPTING PRICING POLICY. Information System in Management, 2018, 7, 97-107.	0.1	1
48	On the value function of the M/Cox(r)/1 queue. Journal of Applied Probability, 2006, 43, 363-376.	0.4	0
49	A novel use of value iteration for deriving bounds for threshold and switching curve optimal policies. Naval Research Logistics, 2018, 65, 638-659.	1.4	0
50	The enriched median routing problem and its usefulness in practice. Computers and Industrial Engineering, 2022, 168, 108063.	3.4	0