

# Sandjai Bhulai

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

657  
citations

759233

12  
h-index

677142

22  
g-index

51  
all docs

51  
docs citations

51  
times ranked

445  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study progression and degree completion of autistic students in higher education: a longitudinal study. Higher Education, 2023, 85, 1-26.	4.4	5
2	A data-driven approach to deriving closed-form approximations for queueing problems using genetic algorithms. Queueing Systems, 2022, 100, 549-551.	0.9	2
3	The enriched median routing problem and its usefulness in practice. Computers and Industrial Engineering, 2022, 168, 108063.	6.3	0
4	Multi-view damage inspection using single-view damage projection. Machine Vision and Applications, 2022, 33, 1.	2.7	2
5	Convolutional Neural Networks for vehicle damage detection. Machine Learning With Applications, 2022, 9, 100332.	4.4	9
6	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.	2.9	8
7	Deep learning for white cabbage seedling prediction. Computers and Electronics in Agriculture, 2021, 184, 106059.	7.7	17
8	Identifying socio-demographic risk factors for suicide using data on an individual level. BMC Public Health, 2021, 21, 1702.	2.9	16
9	On the relation between COVID-19, mobility, and the stock market. PLoS ONE, 2021, 16, e0261381.	2.5	4
10	Optimizing pre-processing and relocation moves in the Stochastic Container Relocation Problem. European Journal of Operational Research, 2020, 283, 954-971.	5.7	15
11	First-Year Progression and Retention of Autistic Students in Higher Education: A Propensity Score-Weighted Population Study. Autism in Adulthood, 2020, 2, 307-316.	6.9	11
12	Transaction-Driven Mobility Analysis for Travel Mode Choices. Procedia Computer Science, 2020, 170, 169-176.	2.0	4
13	Pre-processing a container yard under limited available time. Computers and Operations Research, 2020, 123, 105045.	4.0	10
14	Demographic Risk Factors for Suicide among Youths in The Netherlands. International Journal of Environmental Research and Public Health, 2020, 17, 1182.	2.6	8
15	The median routing problem for simultaneous planning of emergency response and non-emergency jobs. European Journal of Operational Research, 2020, 285, 712-727.	5.7	5
16	Background and enrollment characteristics of students with autism in higher education. Research in Autism Spectrum Disorders, 2019, 67, 101424.	1.5	46
17	Optimizing barge utilization in hinterland container transportation. Naval Research Logistics, 2019, 66, 253-271.	2.2	10
18	Demand-point constrained EMS vehicle allocation problems for regions with both urban and rural areas. Operations Research for Health Care, 2018, 18, 65-83.	1.2	13

#	ARTICLE	IF	CITATIONS
19	Real-time ambulance relocation: Assessing real-time redeployment strategies for ambulance relocation. Socio-Economic Planning Sciences, 2018, 62, 129-142.	5.0	30
20	A novel use of value iteration for deriving bounds for threshold and switching curve optimal policies. Naval Research Logistics, 2018, 65, 638-659.	2.2	0
21	Ambulance Dispatch Center Pilots Proactive Relocation Policies to Enhance Effectiveness. Interfaces, 2018, 48, 235-246.	1.5	11
22	DECISION SUPPORT SYSTEM FOR WATER ADAPTING PRICING POLICY. Information System in Management, 2018, 7, 97-107.	0.1	1
23	EMS call center models with and without function differentiation: A comparison. Operations Research for Health Care, 2017, 12, 16-28.	1.2	9
24	Value Function Approximation in Complex Queueing Systems. Profiles in Operations Research, 2017, , 33-62.	0.4	1
25	How to improve a team's position in the FIFA ranking? A simulation study. Journal of Applied Statistics, 2016, 43, 1349-1368.	1.3	16
26	On the Control of a Queueing System with Aging State Information. Stochastic Models, 2015, 31, 588-617.	0.5	1
27	A simulation model for emergency medical services call centers. , 2015, , .		6
28	Dynamic server assignment in an extended machine-repair model. IIE Transactions, 2015, 47, 392-413.	2.1	1
29	Parametric replenishment policies for inventory systems with lost sales and fixed order cost. European Journal of Operational Research, 2015, 241, 381-390.	5.7	12
30	Optimal appointment scheduling in continuous time: The lag order approximation method. European Journal of Operational Research, 2015, 240, 213-219.	5.7	11
31	Learning Optimal Policies in Markov Decision Processes with Value Function Discovery?. Performance Evaluation Review, 2015, 43, 7-9.	0.6	2
32	Structural properties of the optimal resource allocation policy for single-queue systems. Annals of Operations Research, 2013, 202, 211-233.	4.1	11
33	The predictive power of ranking systems in association football. International Journal of Applied Pattern Recognition, 2013, 1, 27.	0.4	76
34	Parameter-dependent convergence bounds and complexity measure for a class of conceptual hydrological models. Journal of Hydroinformatics, 2012, 14, 443-463.	2.4	11
35	Optimal balanced control for call centers. Annals of Operations Research, 2012, 201, 39-62.	4.1	9
36	Optimal resource allocation in synchronized multi-tier Internet services. Performance Evaluation, 2011, 68, 1072-1084.	1.2	1

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37	Optimal resource allocation for multiqueue systems with a shared server pool. Queueing Systems, 2011, 68, 133-163.	0.9	13
38	Optimal resource allocation for time-reservation systems. Performance Evaluation, 2011, 68, 414-428.	1.2	8
39	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.	0.8	10
40	DYNAMIC ROUTING POLICIES FOR MULTISKILL CALL CENTERS. Probability in the Engineering and Informational Sciences, 2009, 23, 101-119.	0.8	19
41	Dynamic thread assignment in web server performance optimization. Performance Evaluation, 2009, 66, 301-310.	1.2	10
42	Session-Level Load Balancing for High-Dimensional Systems. IEEE Transactions on Automatic Control, 2009, 54, 2018-2023.	5.7	2
43	A Simple Staffing Method for Multiskill Call Centers. Manufacturing and Service Operations Management, 2008, 10, 421-428.	3.7	46
44	Simple Methods for Shift Scheduling in Multiskill Call Centers. Manufacturing and Service Operations Management, 2008, 10, 411-420.	3.7	83
45	On the value function of the M/Cox(r)/1 queue. Journal of Applied Probability, 2006, 43, 363-376.	0.7	0
46	On the value function of the M/Cox(r)/1 queue. Journal of Applied Probability, 2006, 43, 363-376.	0.7	19
47	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.	1.0	11
48	On the structure of value functions for threshold policies in queueing models. Journal of Applied Probability, 2003, 40, 613-622.	0.7	19
49	On the structure of value functions for threshold policies in queueing models. Journal of Applied Probability, 2003, 40, 613-622.	0.7	20
50	Open-loop routing to M parallel servers with no buffers. Journal of Applied Probability, 2000, 37, 668-684.	0.7	3