

# Sandjai Bhulai

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

657  
citations

758635

12  
h-index

676716

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. <i>Higher Education</i> , 2023, 85, 1-26.	2.8	5
2	A data-driven approach to deriving closed-form approximations for queueing problems using genetic algorithms. <i>Queueing Systems</i> , 2022, 100, 549-551.	0.6	2
3	The enriched median routing problem and its usefulness in practice. <i>Computers and Industrial Engineering</i> , 2022, 168, 108063.	3.4	0
4	Multi-view damage inspection using single-view damage projection. <i>Machine Vision and Applications</i> , 2022, 33, 1.	1.7	2
5	Convolutional Neural Networks for vehicle damage detection. <i>Machine Learning With Applications</i> , 2022, 9, 100332.	3.0	9
6	Forecasting Spatio-Temporal Variation in Residential Burglary with the Integrated Laplace Approximation Framework: Effects of Crime Generators, Street Networks, and Prior Crimes. <i>Journal of Quantitative Criminology</i> , 2021, 37, 835-862.	2.0	8
7	Deep learning for white cabbage seedling prediction. <i>Computers and Electronics in Agriculture</i> , 2021, 184, 106059.	3.7	17
8	Identifying socio-demographic risk factors for suicide using data on an individual level. <i>BMC Public Health</i> , 2021, 21, 1702.	1.2	16
9	On the relation between COVID-19, mobility, and the stock market. <i>PLoS ONE</i> , 2021, 16, e0261381.	1.1	4
10	Optimizing pre-processing and relocation moves in the Stochastic Container Relocation Problem. <i>European Journal of Operational Research</i> , 2020, 283, 954-971.	3.5	15
11	First-Year Progression and Retention of Autistic Students in Higher Education: A Propensity Score-Weighted Population Study. <i>Autism in Adulthood</i> , 2020, 2, 307-316.	4.0	11
12	Transaction-Driven Mobility Analysis for Travel Mode Choices. <i>Procedia Computer Science</i> , 2020, 170, 169-176.	1.2	4
13	Pre-processing a container yard under limited available time. <i>Computers and Operations Research</i> , 2020, 123, 105045.	2.4	10
14	Demographic Risk Factors for Suicide among Youths in The Netherlands. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1182.	1.2	8
15	The median routing problem for simultaneous planning of emergency response and non-emergency jobs. <i>European Journal of Operational Research</i> , 2020, 285, 712-727.	3.5	5
16	Background and enrollment characteristics of students with autism in higher education. <i>Research in Autism Spectrum Disorders</i> , 2019, 67, 101424.	0.8	46
17	Optimizing barge utilization in hinterland container transportation. <i>Naval Research Logistics</i> , 2019, 66, 253-271.	1.4	10
18	Demand-point constrained EMS vehicle allocation problems for regions with both urban and rural areas. <i>Operations Research for Health Care</i> , 2018, 18, 65-83.	0.8	13

#	ARTICLE	IF	CITATIONS
19	Real-time ambulance relocation: Assessing real-time redeployment strategies for ambulance relocation. <i>Socio-Economic Planning Sciences</i> , 2018, 62, 129-142.	2.5	30
20	A novel use of value iteration for deriving bounds for threshold and switching curve optimal policies. <i>Naval Research Logistics</i> , 2018, 65, 638-659.	1.4	0
21	Ambulance Dispatch Center Pilots Proactive Relocation Policies to Enhance Effectiveness. <i>Interfaces</i> , 2018, 48, 235-246.	1.6	11
22	DECISION SUPPORT SYSTEM FOR WATER ADAPTING PRICING POLICY. <i>Information System in Management</i> , 2018, 7, 97-107.	0.1	1
23	EMS call center models with and without function differentiation: A comparison. <i>Operations Research for Health Care</i> , 2017, 12, 16-28.	0.8	9
24	Value Function Approximation in Complex Queueing Systems. <i>Profiles in Operations Research</i> , 2017, , 33-62.	0.3	1
25	How to improve a team's position in the FIFA ranking? A simulation study. <i>Journal of Applied Statistics</i> , 2016, 43, 1349-1368.	0.6	16
26	On the Control of a Queueing System with Aging State Information. <i>Stochastic Models</i> , 2015, 31, 588-617.	0.3	1
27	A simulation model for emergency medical services call centers. , 2015, , .		6
28	Dynamic server assignment in an extended machine-repair model. <i>IIE Transactions</i> , 2015, 47, 392-413.	2.1	1
29	Parametric replenishment policies for inventory systems with lost sales and fixed order cost. <i>European Journal of Operational Research</i> , 2015, 241, 381-390.	3.5	12
30	Optimal appointment scheduling in continuous time: The lag order approximation method. <i>European Journal of Operational Research</i> , 2015, 240, 213-219.	3.5	11
31	Learning Optimal Policies in Markov Decision Processes with Value Function Discovery?. <i>Performance Evaluation Review</i> , 2015, 43, 7-9.	0.4	2
32	Structural properties of the optimal resource allocation policy for single-queue systems. <i>Annals of Operations Research</i> , 2013, 202, 211-233.	2.6	11
33	The predictive power of ranking systems in association football. <i>International Journal of Applied Pattern Recognition</i> , 2013, 1, 27.	0.3	76
34	Parameter-dependent convergence bounds and complexity measure for a class of conceptual hydrological models. <i>Journal of Hydroinformatics</i> , 2012, 14, 443-463.	1.1	11
35	Optimal balanced control for call centers. <i>Annals of Operations Research</i> , 2012, 201, 39-62.	2.6	9
36	Optimal resource allocation in synchronized multi-tier Internet services. <i>Performance Evaluation</i> , 2011, 68, 1072-1084.	0.9	1

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37	Optimal resource allocation for multiqueue systems with a shared server pool. <i>Queueing Systems</i> , 2011, 68, 133-163.	0.6	13
38	Optimal resource allocation for time-reservation systems. <i>Performance Evaluation</i> , 2011, 68, 414-428.	0.9	8
39	APPROXIMATE DYNAMIC PROGRAMMING TECHNIQUES FOR THE CONTROL OF TIME-VARYING QUEUING SYSTEMS APPLIED TO CALL CENTERS WITH ABANDONMENTS AND RETRIALS. <i>Probability in the Engineering and Informational Sciences</i> , 2010, 24, 27-45.	0.6	10
40	DYNAMIC ROUTING POLICIES FOR MULTISKILL CALL CENTERS. <i>Probability in the Engineering and Informational Sciences</i> , 2009, 23, 101-119.	0.6	19
41	Dynamic thread assignment in web server performance optimization. <i>Performance Evaluation</i> , 2009, 66, 301-310.	0.9	10
42	Session-Level Load Balancing for High-Dimensional Systems. <i>IEEE Transactions on Automatic Control</i> , 2009, 54, 2018-2023.	3.6	2
43	A Simple Staffing Method for Multiskill Call Centers. <i>Manufacturing and Service Operations Management</i> , 2008, 10, 421-428.	2.3	46
44	Simple Methods for Shift Scheduling in Multiskill Call Centers. <i>Manufacturing and Service Operations Management</i> , 2008, 10, 411-420.	2.3	83
45	On the value function of the $M/Cox(r)/1$ queue. <i>Journal of Applied Probability</i> , 2006, 43, 363-376.	0.4	0
46	On the value function of the $M/Cox(r)/1$ queue. <i>Journal of Applied Probability</i> , 2006, 43, 363-376.	0.4	19
47	On the uniqueness of solutions to the Poisson equations for average cost Markov chains with unbounded cost functions. <i>Mathematical Methods of Operations Research</i> , 2003, 58, 221-236.	0.4	11
48	On the structure of value functions for threshold policies in queueing models. <i>Journal of Applied Probability</i> , 2003, 40, 613-622.	0.4	19
49	On the structure of value functions for threshold policies in queueing models. <i>Journal of Applied Probability</i> , 2003, 40, 613-622.	0.4	20
50	Open-loop routing to $M$ parallel servers with no buffers. <i>Journal of Applied Probability</i> , 2000, 37, 668-684.	0.4	3