Dieter Claeys

List of Publications by Year
in descending order

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29	307	933447 10	888059 17
papers	citations	h-index	g-index

29	29	29	209
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Condition-based critical level policy for spare parts inventory management. Computers and Industrial Engineering, 2021, 157, 107369.	6.3	9
2	Appointment games with unobservable and observable schedules. Annals of Operations Research, 2021, 307, 93-110.	4.1	1
3	Cloud data storage: a queueing model with thresholds. Annals of Operations Research, 2020, 293, 295-315.	4.1	2
4	System occupancy in a multiclass batch-service queueing system with limited variable service capacity. Annals of Operations Research, 2020, 293, 3-26.	4.1	3
5	Performance Analysis of Hybrid MTS/MTO Systems with Stochastic Demand and Production. Mathematics, 2020, 8, 1925.	2.2	4
6	Base part centered assembly task precedence generation. International Journal of Advanced Manufacturing Technology, 2020, 107, 607-616.	3.0	14
7	Joint Optimization of Dynamic Lot-sizing and Condition-based Maintenance. , 2020, , .		1
8	Analysis of a batch-service queue with variable service capacity, correlated customer types and generally distributed class-dependent service times. Performance Evaluation, 2019, 135, 102012.	1.2	4
9	A structured methodology for the design of a human-robot collaborative assembly workplace. International Journal of Advanced Manufacturing Technology, 2019, 102, 2663-2681.	3.0	51
10	Analysis of the age of data in data backup systems. Computer Networks, 2019, 160, 41-50.	5.1	3
11	Ergonomic and performance factors for Human-robot collaborative workplace design and evaluation. IFAC-PapersOnLine, 2019, 52, 2550-2555.	0.9	10
12	Evaluating approximate solution models for the stochastic periodic inventory routing problem. Journal of Manufacturing Systems, 2019, 50, 25-35.	13.9	11
13	Discrete-time modified number- and time-limited vacation queues. Queueing Systems, 2019, 91, 297-318.	0.9	2
14	Delay analysis of a two-class batch-service queue with class-dependent variable server capacity. Mathematical Methods of Operations Research, 2018, 88, 37-57.	1.0	8
15	Asymptotics of queue length distributions in priority retrial queues. Performance Evaluation, 2018, 127-128, 235-252.	1.2	2
16	Modeling data backups as a batch-service queue with vacations and exhaustive policy. Computer Communications, 2018, 128, 46-59.	5.1	7
17	A Queueing System with Vacations after a Random Amount of Work. SIAM Journal on Applied Mathematics, 2018, 78, 1697-1711.	1.8	2
18	A queueing-theoretic analysis of the threshold-based exhaustive data-backup scheduling policy. AIP Conference Proceedings, 2017, , .	0.4	1

#	Article	IF	Citations
19	System Performance Of A Variable-Capacity Batch-Service Queue With Geometric Service Times And Customer-Based Correlation. , 2017, , .		3
20	Stochastic bounds for order flow times in parts-to-picker warehouses with remotely located order-picking workstations. European Journal of Operational Research, 2016, 254, 895-906.	5.7	18
21	A queueing system with vacations after N services. Naval Research Logistics, 2015, 62, 646-658.	2.2	5
22	Impact of class clustering in a multiclass FCFS queue with order-dependent service times. Computers and Operations Research, 2014, 51, 90-98.	4.0	2
23	A continuous-time queueing model with class clustering and global FCFS service discipline. Journal of Industrial and Management Optimization, 2014, 10, 193-206.	1.3	12
24	Tail probabilities of the delay in a batch-service queueing model with batch-size dependent service times and a timer mechanism. Computers and Operations Research, 2013, 40, 1497-1505.	4.0	29
25	Analysis of a versatile batch-service queueing model with correlation in the arrival process. Performance Evaluation, 2013, 70, 300-316.	1.2	45
26	Effect of global FCFS and relative load distribution in two-class queues with dedicated servers. 4or, 2013, 11, 375-391.	1.6	7
27	A two-class discrete-time queueing model with two dedicated servers and global FCFS service discipline. European Journal of Operational Research, 2012, 223, 123-132.	5.7	15
28	Tail distribution of the delay in a general batch-service queueing model. Computers and Operations Research, 2012, 39, 2733-2741.	4.0	11
29	Analysis of threshold-based batch-service queueing systems with batch arrivals and general service times. Performance Evaluation, 2011, 68, 528-549.	1.2	25