

Davide Castellano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3981616/publications.pdf>

Version: 2024-02-01

37
papers

448
citations

759233

12
h-index

794594

19
g-index

37
all docs

37
docs citations

37
times ranked

356
citing authors

#	ARTICLE	IF	CITATIONS
1	A periodic review policy for a coordinated single vendor-multiple buyers supply chain with controllable lead time and distribution-free approach. <i>4or</i> , 2021, 19, 347-388.	1.6	10
2	Controlling lead times and minor ordering costs in the joint replenishment problem with stochastic demands under the class of cyclic policies. <i>International Transactions in Operational Research</i> , 2021, 28, 376-400.	2.7	12
3	Revised overall labour effectiveness. <i>International Journal of Productivity and Performance Management</i> , 2021, 70, 1317-1335.	3.7	8
4	Metaheuristics for the flow shop scheduling problem with maintenance activities integrated. <i>Computers and Industrial Engineering</i> , 2021, 151, 106989.	6.3	20
5	The average-cost formulation of lot sizing models and inventory carrying charges: a technical note. <i>Operations Management Research</i> , 2021, 14, 194.	8.5	2
6	Dataset of metaheuristics for the flow shop scheduling problem with maintenance activities integrated. <i>Data in Brief</i> , 2021, 36, 106985.	1.0	1
7	Energy Cost Deployment (ECD): A novel lean approach to tackling energy losses. <i>Journal of Cleaner Production</i> , 2020, 246, 119056.	9.3	17
8	A visual planning solution to streamline the processes of hybrid cross-dockings. <i>Production Planning and Control</i> , 2019, 30, 33-47.	8.8	4
9	The effect of GHG emissions on production, inventory replenishment and routing decisions in a single vendor-multiple buyers supply chain. <i>International Journal of Production Economics</i> , 2019, 218, 30-42.	8.9	16
10	A continuous review, (Q, r) inventory model for a deteriorating item with random demand and positive lead time. <i>Computers and Operations Research</i> , 2019, 109, 102-121.	4.0	24
11	A novel operational approach to equipment maintenance: TPM and RCM jointly at work. <i>Journal of Quality in Maintenance Engineering</i> , 2019, 25, 612-634.	1.7	25
12	Batching decisions in multi-item production systems with learning effect. <i>Computers and Industrial Engineering</i> , 2019, 131, 578-591.	6.3	12
13	Optimising replenishment policy in an integrated supply chain with controllable lead time and backorders-lost sales mixture. <i>International Journal of Logistics Systems and Management</i> , 2018, 29, 476.	0.2	2
14	Overall material usage effectiveness (OME): a structured indicator to measure the effective material usage within manufacturing processes. <i>Production Planning and Control</i> , 2018, 29, 143-157.	8.8	20
15	Stochastic modeling of a single-vendor single-buyer supply chain with (s, S)-inventory policy. <i>IFAC-PapersOnLine</i> , 2018, 51, 974-979.	0.9	5
16	Efficient near-optimal procedures for some inventory models with backorders-lost sales mixture and controllable lead time, under continuous or periodic review. <i>International Journal of Mathematics in Operational Research</i> , 2018, 13, 141.	0.2	3
17	Distribution-free approach for stochastic Joint-Replenishment Problem with backorders-lost sales mixtures, and controllable major ordering cost and lead times. <i>Computers and Operations Research</i> , 2017, 79, 161-173.	4.0	32
18	A periodic review policy with quality improvement, setup cost reduction, backorder price discount, and controllable lead time. <i>Production and Manufacturing Research</i> , 2017, 5, 328-350.	1.5	11

#	ARTICLE	IF	CITATIONS
19	Stochastic Reorder Point-Lot Size (r, Q) Inventory Model under Maximum Entropy Principle. <i>Entropy</i> , 2016, 18, 16.	2.2	9
20	Just-in-time parts feeding policies for paced assembly lines: possible solutions for highly constrained layouts. <i>International Transactions in Operational Research</i> , 2016, 23, 691-724.	2.7	5
21	Approximated closed-form minimum-cost solution to the (r, \hat{q}) policy with complete backordering and further developments. <i>Applied Mathematical Modelling</i> , 2016, 40, 8406-8423.	4.2	12
22	An extension of the stochastic Joint-Replenishment Problem under the class of cyclic policies. <i>Operations Research Letters</i> , 2016, 44, 278-284.	0.7	15
23	A novel approach to safety stock management in a coordinated supply chain with controllable lead time using present value. <i>Applied Stochastic Models in Business and Industry</i> , 2016, 32, 99-112.	1.5	16
24	Joint-replenishment problem under stochastic demands with backorders-lost sales mixtures, controllable lead times, and investment to reduce the major ordering cost. <i>Journal of the Operational Research Society</i> , 2016, 67, 1108-1120.	3.4	16
25	Approximated closed-form minimum-cost solutions to the $(S - 1, S)$ policy with complete backordering. <i>International Journal of Mathematics in Operational Research</i> , 2016, 8, 1.	0.2	2
26	A study on the importance of selection rules within unbalanced MTO POLCA-controlled production systems. <i>International Journal of Industrial and Systems Engineering</i> , 2015, 20, 457.	0.2	5
27	Improving Tool-Life Stochastic Control Through a Tool-Life Model Based on Diffusion Theory. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2015, 137, .	2.2	2
28	Diffusion Theory Applied to Tool-Life Stochastic Modeling Under a Progressive Wear Process. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2014, 136, .	2.2	9
29	Safety stock management in single vendor-single buyer problem under VMI with consignment stock agreement. <i>International Journal of Production Economics</i> , 2014, 154, 16-31.	8.9	29
30	Optimization of POLCA-controlled production systems with a simulation-driven genetic algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 70, 385-395.	3.0	16
31	Harmony search algorithm for single-machine scheduling problem with planned maintenance. <i>Computers and Industrial Engineering</i> , 2014, 76, 333-346.	6.3	47
32	Computer-aided activity planning (CAAP) in large-scale projects with an application in the yachting industry. <i>Computers in Industry</i> , 2014, 65, 733-745.	9.9	3
33	A note on a multiple-vendor single-buyer integrated inventory model with a variable number of vendors. <i>Computers and Industrial Engineering</i> , 2014, 74, 84-87.	6.3	2
34	Stochastic theory of tool life - theoretical developments on the injury theory. <i>International Journal of Mathematical Modelling and Numerical Optimisation</i> , 2014, 5, 265.	0.2	1
35	A note concerning physical space occupation costs in vendor managed inventory with consignment agreement models. <i>International Journal of Logistics Systems and Management</i> , 2014, 19, 151.	0.2	11
36	An integer linear programming approach to maintenance strategies selection. <i>International Journal of Quality and Reliability Management</i> , 2013, 30, 991-1016.	2.0	12

#	ARTICLE	IF	CITATIONS
37	A NOVEL GAME THEORY BASED EXIT SELECTION MODEL IN EMERGENCY CONDITIONS. International Journal of Modeling, Simulation, and Scientific Computing, 2013, 16, 1350018.	1.4	12