

Mohamed A Ben-Daya

List of Publications by Citations

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53
papers

2,803
citations

26
h-index

52
g-index

57
ext. papers

3,173
ext. citations

5
avg, IF

5.73
L-index

#	Paper	IF	Citations
53	Internet of things and supply chain management: a literature review. <i>International Journal of Production Research</i> , 2019 , 57, 4719-4742	7.8	400
52	Inventory Models Involving Lead Time as a Decision Variable. <i>Journal of the Operational Research Society</i> , 1994 , 45, 579-582	2	263
51	Integrated single vendor single buyer model with stochastic demand and variable lead time. <i>International Journal of Production Economics</i> , 2004 , 92, 75-80	9.3	181
50	The joint economic lot sizing problem: Review and extensions. <i>European Journal of Operational Research</i> , 2008 , 185, 726-742	5.6	178
49	Some stochastic inventory models with deterministic variable lead time. <i>European Journal of Operational Research</i> , 1999 , 113, 42-51	5.6	150
48	The economic production lot-sizing problem with imperfect production processes and imperfect maintenance. <i>International Journal of Production Economics</i> , 2002 , 76, 257-264	9.3	126
47	A tabu search approach for the flow shop scheduling problem. <i>European Journal of Operational Research</i> , 1998 , 109, 88-95	5.6	122
46	Production and shipment lot sizing in a vendor-buyer supply chain with transportation cost. <i>European Journal of Operational Research</i> , 2007 , 176, 1592-1606	5.6	119
45	Effect of maintenance on the economic design of x-control chart. <i>European Journal of Operational Research</i> , 2000 , 120, 131-143	5.6	97
44	Integrated preventive maintenance and production decisions for imperfect processes. <i>Reliability Engineering and System Safety</i> , 2016 , 148, 21-31	6.3	87
43	Integrated production maintenance and quality model for imperfect processes. <i>IIE Transactions</i> , 1999 , 31, 491-501		84
42	Note: The economic manufacturing lot-sizing problem with imperfect production processes: Bounds and optimal solutions. <i>Naval Research Logistics</i> , 1998 , 45, 423-433	1.5	79
41	An integrated production inventory model with raw material replenishment considerations in a three layer supply chain. <i>International Journal of Production Economics</i> , 2013 , 143, 53-61	9.3	63
40	Analysis of the effect of risk management practices on the performance of new product development programs. <i>Technovation</i> , 2014 , 34, 441-453	7.9	62
39	Age-based hybrid model for imperfect preventive maintenance. <i>IIE Transactions</i> , 2006 , 38, 365-375		61
38	Consignment and vendor managed inventory in single-vendor multiple buyers supply chains. <i>International Journal of Production Research</i> , 2013 , 51, 1347-1365	7.8	60
37	An integrated inventory production system in a three-layer supply chain. <i>Production Planning and Control</i> , 2008 , 19, 97-104	4.3	51

36	A generalized economic model for joint determination of production run, inspection schedule and control chart design. <i>International Journal of Production Research</i> , 1998 , 36, 277-289	7.8	50
35	Optimal time varying lot-sizing models under inflationary conditions. <i>European Journal of Operational Research</i> , 1996 , 89, 313-325	5.6	47
34	The professionalization of risk management: What role can the ISO 31000 risk management principles play?. <i>International Journal of Project Management</i> , 2016 , 34, 1568-1578	7.6	46
33	Joint determination of production quantity, inspection schedule, and quality control for an imperfect process with deteriorating products. <i>Journal of the Operational Research Society</i> , 2001 , 52, 1370-1378	2	45
32	Integrated production and quality model under various preventive maintenance policies. <i>Journal of the Operational Research Society</i> , 1998 , 49, 840-853	2	44
31	Lead-time reduction in a stochastic inventory system with learning consideration. <i>International Journal of Production Research</i> , 2003 , 41, 571-579	7.8	40
30	Integrated inventory and inspection policies for stochastic demand. <i>European Journal of Operational Research</i> , 2008 , 185, 159-169	5.6	36
29	Optimal lot-sizing, quality improvement and inspection errors for multistage production systems. <i>International Journal of Production Research</i> , 2003 , 41, 65-79	7.8	34
28	Effect of inspection errors and preventive maintenance on a two-stage production inventory system. <i>International Journal of Production Economics</i> , 2007 , 107, 301-313	9.3	30
27	A single-vendor multi-buyer production remanufacturing inventory system under a centralized consignment arrangement. <i>Computers and Industrial Engineering</i> , 2019 , 135, 10-27	6.4	24
26	A simulated annealing approach for the one-machine mean tardiness scheduling problem. <i>European Journal of Operational Research</i> , 1996 , 93, 61-67	5.6	23
25	Integrated inventory control and inspection policies with deterministic demand. <i>Computers and Operations Research</i> , 2006 , 33, 1625-1638	4.6	21
24	Multi-stage lot sizing models with imperfect processes and inspection errors. <i>Production Planning and Control</i> , 1999 , 10, 118-126	4.3	20
23	The role of internet of things in food supply chain quality management: A review. <i>Quality Management Journal</i> , 2021 , 28, 17-40	2.3	19
22	A new penalty function algorithm for convex quadratic programming. <i>European Journal of Operational Research</i> , 1997 , 101, 155-163	5.6	16
21	Risk Management in Product Design: Current State, Conceptual Model and Future Research 2010 ,		13
20	Integrated Production, Quality & Maintenance Models: An Overview 2001 , 3-28		13
19	A note on generalized single-vendor multi-buyer integrated inventory supply chain models with better synchronization. <i>International Journal of Production Economics</i> , 2014 , 154, 313-316	9.3	12

18	Scheduling and lot sizing models for the single-vendor multi-buyer problem under consignment stock partnership. <i>Journal of the Operational Research Society</i> , 2013 , 64, 995-1009	2	12
17	Failure Mode and Effect Analysis 2009 , 75-90		12
16	Economic production quantity model with a shifting production rate. <i>International Transactions in Operational Research</i> , 2008 , 15, 87-101	2.9	10
15	Model for imperfect age-based preventive maintenance with age reduction. <i>Journal of the Operational Research Society</i> , 2008 , 59, 1644-1651	2	10
14	Comparative study of heuristics for the joint replenishment problem. <i>Omega</i> , 1995 , 23, 341-344	7.2	10
13	INTEGRATED PRODUCTION MAINTENANCE MODEL UNDER IMPERFECT AGE-BASED MAINTENANCE POLICY AND NON-NEGLIGIBLE MAINTENANCE TIMES. <i>Asia-Pacific Journal of Operational Research</i> , 2010 , 27, 539-558	0.8	5
12	A discounted integrated inspection-maintenance model for a single deteriorating production facility. <i>International Transactions in Operational Research</i> , 2006 , 13, 353-364	2.9	5
11	Turnaround Maintenance 2009 , 223-235		5
10	Reliability Centered Maintenance 2009 , 397-415		4
9	FMS short term planning problems: a review. <i>Manufacturing Research and Technology</i> , 1995 , 23, 113-139		3
8	One-machine scheduling to minimize mean tardiness with minimum number tardy. <i>Production Planning and Control</i> , 1997 , 8, 226-230	4.3	2
7	Minimizing mean tardiness subject to unspecified minimum number tardy for a single machine. <i>European Journal of Operational Research</i> , 1996 , 89, 100-107	5.6	2
6	Maintenance and sustainability: a systematic review of modeling-based literature. <i>Journal of Quality in Maintenance Engineering</i> , 2022 , ahead-of-print,	1.1	2
5	Quality 4.0: leveraging Industry 4.0 technologies to improve quality management practices a systematic review. <i>International Journal of Quality and Reliability Management</i> , 2021 , ahead-of-print,	2	2
4	IoT Quality-Controlled Demand Pricing Model in Food Supply Chains. <i>Ecoproduction</i> , 2020 , 381-394	0.5	1
3	Failure Statistics 2009 , 45-73		1
2	Comment on An erratum on generalized single-vendor multi-buyer integrated inventory supply chain models with a better synchronization by Hoque, M.A.. <i>International Journal of Production Economics</i> , 2014 , 154, 319	9.3	0
1	Economic Lot Scheduling Problem with Imperfect Production Processes. <i>Journal of the Operational Research Society</i> , 2000 , 51, 875	2	

