Mohamed A Ben-Daya

List of Publications by Year in Descending Order

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	Maintenance and sustainability: a systematic review of modeling-based literature. *Journal of Quality in Maintenance Engineering*, **2022**, ahead-of-print,	1.1	2
52	Quality 4.0: leveraging Industry 4.0 technologies to improve quality management practices a systematic review. *International Journal of Quality and Reliability Management*, **2021**, ahead-of-print,	2	2
51	The role of internet of things in food supply chain quality management: A review. *Quality Management Journal*, **2021**, 28, 17-40	2.3	19
50	IoT Quality-Controlled Demand Pricing Model in Food Supply Chains. *Ecoproduction*, **2020**, 381-394	0.5	1
49	A single-vendor multi-buyer production remanufacturing inventory system under a centralized consignment arrangement. *Computers and Industrial Engineering*, **2019**, 135, 10-27	6.4	24
48	Internet of things and supply chain management: a literature review. *International Journal of Production Research*, **2019**, 57, 4719-4742	7.8	400
47	Integrated preventive maintenance and production decisions for imperfect processes. *Reliability Engineering and System Safety*, **2016**, 148, 21-31	6.3	87
46	The professionalization of risk management: What role can the ISO 31000 risk management principles play?. *International Journal of Project Management*, **2016**, 34, 1568-1578	7.6	46
45	Analysis of the effect of risk management practices on the performance of new product development programs. *Technovation*, **2014**, 34, 441-453	7.9	62
44	Comment on An erratum on generalized single-vendor multi-buyer integrated inventory supply chain models with a better synchronization by Hoque, M.A.. *International Journal of Production Economics*, **2014**, 154, 319	9.3	0
43	A note on generalized single-vendor multi-buyer integrated inventory supply chain models with better synchronization. *International Journal of Production Economics*, **2014**, 154, 313-316	9.3	12
42	An integrated production inventory model with raw material replenishment considerations in a three layer supply chain. *International Journal of Production Economics*, **2013**, 143, 53-61	9.3	63
41	Consignment and vendor managed inventory in single-vendor multiple buyers supply chains. *International Journal of Production Research*, **2013**, 51, 1347-1365	7.8	60
40	Scheduling and lot sizing models for the single-vendor multi-buyer problem under consignment stock partnership. *Journal of the Operational Research Society*, **2013**, 64, 995-1009	2	12
39	INTEGRATED PRODUCTION MAINTENANCE MODEL UNDER IMPERFECT AGE-BASED MAINTENANCE POLICY AND NON-NEGLIGIBLE MAINTENANCE TIMES. *Asia-Pacific Journal of Operational Research*, **2010**, 27, 539-558	0.8	5
38	Risk Management in Product Design: Current State, Conceptual Model and Future Research **2010**,		13
37	Turnaround Maintenance **2009**, 223-235		5

36	Reliability Centered Maintenance **2009**, 397-415		4
35	Failure Mode and Effect Analysis **2009**, 75-90		12
34	Failure Statistics **2009**, 45-73		1
33	Economic production quantity model with a shifting production rate. *International Transactions in Operational Research*, **2008**, 15, 87-101	2.9	10
32	An integrated inventory production system in a three-layer supply chain. *Production Planning and Control*, **2008**, 19, 97-104	4.3	51
31	Model for imperfect age-based preventive maintenance with age reduction. *Journal of the Operational Research Society*, **2008**, 59, 1644-1651	2	10
30	Integrated inventory and inspection policies for stochastic demand. *European Journal of Operational Research*, **2008**, 185, 159-169	5.6	36
29	The joint economic lot sizing problem: Review and extensions. *European Journal of Operational Research*, **2008**, 185, 726-742	5.6	178
28	Production and shipment lot sizing in a vendor-Buyer supply chain with transportation cost. *European Journal of Operational Research*, **2007**, 176, 1592-1606	5.6	119
27	Effect of inspection errors and preventive maintenance on a two-stage production inventory system. *International Journal of Production Economics*, **2007**, 107, 301-313	9.3	30
26	Integrated inventory control and inspection policies with deterministic demand. *Computers and Operations Research*, **2006**, 33, 1625-1638	4.6	21
25	Age-based hybrid model for imperfect preventive maintenance. *IIE Transactions*, **2006**, 38, 365-375		61
24	A discounted integrated inspection-maintenance model for a single deteriorating production facility. *International Transactions in Operational Research*, **2006**, 13, 353-364	2.9	5
23	Integrated single vendor single buyer model with stochastic demand and variable lead time. *International Journal of Production Economics*, **2004**, 92, 75-80	9.3	181
22	Optimal lot-sizing, quality improvement and inspection errors for multistage production systems. *International Journal of Production Research*, **2003**, 41, 65-79	7.8	34
21	Lead-time reduction in a stochastic inventory system with learning consideration. *International Journal of Production Research*, **2003**, 41, 571-579	7.8	40
20	The economic production lot-sizing problem with imperfect production processes and imperfect maintenance. *International Journal of Production Economics*, **2002**, 76, 257-264	9.3	126
19	Joint determination of production quantity, inspection schedule, and quality control for an imperfect process with deteriorating products. *Journal of the Operational Research Society*, **2001**, 52, 1370-1378	2	45

18	Integrated Production, Quality & Maintenance Models: An Overview **2001**, 3-28		13
17	Effect of maintenance on the economic design of x -control chart. *European Journal of Operational Research*, **2000**, 120, 131-143	5.6	97
16	Economic Lot Scheduling Problem with Imperfect Production Processes. *Journal of the Operational Research Society*, **2000**, 51, 875	2	
15	Some stochastic inventory models with deterministic variable lead time. *European Journal of Operational Research*, **1999**, 113, 42-51	5.6	150
14	Multi-stage lot sizing models with imperfect processes and inspection errors. *Production Planning and Control*, **1999**, 10, 118-126	4.3	20
13	Integrated production maintenance and quality model for imperfect processes. *IIE Transactions*, **1999**, 31, 491-501		84
12	Note: The economic manufacturing lot-sizing problem with imperfect production processes: Bounds and optimal solutions. *Naval Research Logistics*, **1998**, 45, 423-433	1.5	79
11	A tabu search approach for the flow shop scheduling problem. *European Journal of Operational Research*, **1998**, 109, 88-95	5.6	122
10	A generalized economic model for joint determination of production run, inspection schedule and control chart design. *International Journal of Production Research*, **1998**, 36, 277-289	7.8	50
9	Integrated production and quality model under various preventive maintenance policies. *Journal of the Operational Research Society*, **1998**, 49, 840-853	2	44
8	One-machine scheduling to minimize mean tardiness with minimum number tardy. *Production Planning and Control*, **1997**, 8, 226-230	4.3	2
7	A new penalty function algorithm for convex quadratic programming. *European Journal of Operational Research*, **1997**, 101, 155-163	5.6	16
6	Optimal time varying lot-sizing models under inflationary conditions. *European Journal of Operational Research*, **1996**, 89, 313-325	5.6	47
5	A simulated annealing approach for the one-machine mean tardiness scheduling problem. *European Journal of Operational Research*, **1996**, 93, 61-67	5.6	23
4	Minimizing mean tardiness subject to unspecified minimum number tardy for a single machine. *European Journal of Operational Research*, **1996**, 89, 100-107	5.6	2
3	Comparative study of heuristics for the joint replenishment problem. *Omega*, **1995**, 23, 341-344	7.2	10
2	FMS short term planning problems: a review. *Manufacturing Research and Technology*, **1995**, 23, 113-139		3
1	Inventory Models Involving Lead Time as a Decision Variable. *Journal of the Operational Research Society*, **1994**, 45, 579-582	2	263