Bryan A Norman

List of Publications by Year
in descending order

70	2,139	201674	233421
papers	citations	27 h-index	45 g-index

70	70	70	1643
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhancing staffing methods and improving the admission process of a psychiatric hospital using simulation. International Journal of Healthcare Management, 2023, 16, 246-257.	2.0	0
2	Redesign of vaccine distribution networks. International Transactions in Operational Research, 2022, 29, 200-225.	2.7	35
3	Improving patient access in oncology clinics using simulation. Journal of Industrial Engineering and Management, 2022, 15, 455.	1.5	1
4	Standardizing pharmaceutical delivery to reduce pharmacy costs while simultaneously reducing missing doses. IISE Transactions on Healthcare Systems Engineering, 2020, 10, 33-46.	1.7	3
5	Exact analysis of (R, s, S) inventory control systems with lost sales and zero lead time. Naval Research Logistics, 2019, 66, 123-132.	2.2	5
6	Shelf-space optimization models in decentralized automated dispensing cabinets. Operations Research for Health Care, 2018, 19, 92-106.	1.2	7
7	Multi-dose vial administration with non-stationary demand and delayed service. Operations Research for Health Care, 2018, 19, 66-79.	1.2	3
8	Process Redesign and Simplified Policies for More Effective Vaccine Inventory Management. EMJ - Engineering Management Journal, 2017, 29, 17-25.	2.3	13
9	Coverage models to determine outreach vaccination center locations in low and middle income countries. Operations Research for Health Care, 2016, 9, 40-48.	1.2	18
10	The impact of implementing a demand forecasting system into a low-income country's supply chain. Vaccine, 2016, 34, 3663-3669.	3.8	25
11	Customizing immunization clinic operations to minimize open vial waste. Socio-Economic Planning Sciences, 2016, 54, 1-17.	5.0	4
12	Modular vaccine packaging increases packing efficiency. Vaccine, 2015, 33, 3135-3141.	3.8	7
13	Costs of vaccine programs across 94 low- and middle-income countries. Vaccine, 2015, 33, A99-A108.	3.8	68
14	Landscaping the structures of GAVI country vaccine supply chains and testing the effects of radical redesign. Vaccine, 2015, 33, 4451-4458.	3.8	33
15	Passive cold devices for vaccine supply chains. Annals of Operations Research, 2015, 230, 87-104.	4.1	23
16	A Heuristic Approach for Integrated Storage and Shelf-Space Allocation. Lecture Notes in Management and Industrial Engineering, 2015, , 11-18.	0.4	0
17	Dynamically optimizing the administration of vaccines from multi-dose vials. IIE Transactions, 2014, 46, 623-635.	2.1	10
18	A planning model for the WHO-EPI vaccine distribution network in developing countries. IIE Transactions, 2014, 46, 853-865.	2.1	60

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19	Modeling risk in a Design for Supply Chain problem. Computers and Industrial Engineering, 2014, 78, 44-54.	6.3	41
20	The benefits of redesigning Benin's vaccine supply chain. Vaccine, 2014, 32, 4097-4103.	3.8	74
21	Operating room turnaround time analysis: a case study. International Journal of Collaborative Enterprise, 2014, 4, 101.	0.2	1
22	A passive cold storage device economic model to evaluate selected immunization location scenarios. Vaccine, 2013, 31, 5232-5238.	3.8	17
23	Cross-training in production systems with human learning and forgetting. Industrial Innovation Series, 2013, , 567-582.	0.2	0
24	Augmenting Transport versus Increasing Cold Storage to Improve Vaccine Supply Chains. PLoS ONE, 2013, 8, e64303.	2.5	38
25	Impact of Introducing the Pneumococcal and Rotavirus Vaccines Into the Routine Immunization Program in Niger. American Journal of Public Health, 2012, 102, 269-276.	2.7	41
26	How influenza vaccination policy may affect vaccine logistics. Vaccine, 2012, 30, 4517-4523.	3.8	23
27	Reply to Webster and Osborne. Infection Control and Hospital Epidemiology, 2011, 32, 1047-1048.	1.8	1
28	The optimal number of routine vaccines to order at health clinics in low or middle income countries. Vaccine, 2011, 29, 5512-5518.	3.8	20
29	Replacing the measles ten-dose vaccine presentation with the single-dose presentation in Thailand. Vaccine, 2011, 29, 3811-3817.	3.8	41
30	Retail shelf replenishment with item-level RFID tagging. International Journal of Industrial and Systems Engineering, 2011, 8, 19.	0.2	2
31	Impact of changing the measles vaccine vial size on Niger's vaccine supply chain: a computational model. BMC Public Health, 2011, 11, 425.	2.9	61
32	Maintaining Vaccine Delivery Following the Introduction of the Rotavirus and Pneumococcal Vaccines in Thailand. PLoS ONE, 2011, 6, e24673.	2.5	35
33	Development of a Simultaneous Design for Supply Chain Process for the Optimization of the Product Design and Supply Chain Configuration Problem. EMJ - Engineering Management Journal, 2010, 22, 20-30.	2.3	35
34	Optimizing RFID tag-inventorying algorithms. IIE Transactions, 2010, 42, 690-702.	2.1	8
35	Single versus multi-dose vaccine vials: An economic computational model. Vaccine, 2010, 28, 5292-5300.	3.8	82
36	Determining aisle structures for facility designs using a hierarchy of algorithms. IIE Transactions, 2008, 40, 1019-1031.	2.1	11

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37	Life cycle optimization of building energy systems. Engineering Optimization, 2008, 40, 157-178.	2.6	7
38	Maximizing Read Accuracy by Optimally Locating RFID Interrogators. , 2008, , .		3
39	Placement of multiple RFID reader antennas to maximise portal read accuracy. International Journal of Radio Frequency Identification Technology and Applications, 2007, 1, 260.	0.5	24
40	Bi-objective facility expansion and relayout considering monuments. IIE Transactions, 2007, 39, 747-761.	2.1	23
41	A methodology to create robust job rotation schedules. Annals of Operations Research, 2007, 155, 339-360.	4.1	33
42	Cross training in production systems with human learning and forgetting. , 2007, , 111-129.		5
43	A continuous approach to considering uncertainty in facility design. Computers and Operations Research, 2006, 33, 1760-1775.	4.0	33
44	Multi-objective tabu search using a multinomial probability mass function. European Journal of Operational Research, 2006, 169, 918-931.	5.7	67
45	A new mixed integer programming formulation for facility layout design using flexible bays. Operations Research Letters, 2006, 34, 660-672.	0.7	95
46	Scheduling Models for Optimizing Human Performance and Well-Being. Profiles in Operations Research, 2006, , 287-313.	0.4	6
47	Human related issues in manufacturing cell design, implementation, and operation: a review and survey. Computers and Industrial Engineering, 2005, 48, 507-523.	6.3	111
48	Cross-Training in Production Systems with Human Learning and Forgetting. Industrial Innovation Series, 2005, , 16-1-16-13.	0.2	2
49	Exploiting Tabu Search Memory in Constrained Problems. INFORMS Journal on Computing, 2004, 16, 241-254.	1.7	49
50	A Quantitative Method for Determining Proper Job Rotation Intervals. Annals of Operations Research, 2004, 128, 251-266.	4.1	47
51	Heuristic methods for wind energy conversion system positioning. Electric Power Systems Research, 2004, 70, 179-185.	3.6	137
52	Applying Mathematical Modeling to Create Job Rotation Schedules for Minimizing Occupational Noise Exposure. AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety, 2003, 64, 401-405.	0.4	26
53	Incorporating heterogeneous distance metrics within block layout design. International Journal of Production Research, 2003, 41, 1045-1056.	7.5	9
54	Design of Production Facilities Using Evolutionary Computing. , 2003, , 309-327.		0

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55	Assessing Human Capital: A Lean Manufacturing Example. EMJ - Engineering Management Journal, 2002, 14, 35-39.	2.3	21
56	Optimization of indoor wireless communication network layouts. IIE Transactions, 2002, 34, 823-836.	2.1	62
57	Worker assignment in cellular manufacturing considering technical and human skills. International Journal of Production Research, 2002, 40, 1479-1492.	7.5	112
58	Incorporating physical demand criteria into assembly line balancing. IIE Transactions, 2001, 33, 875-887.	2.1	63
59	Incorporating Physical Demand Criteria into Assembly Line Balancing. IIE Transactions, 2001, 33, 875-887.	2.1	11
60	Integrated facilities design using a contour distance metric. IIE Transactions, 2001, 33, 337-344.	2.1	2
61	Integrated facilities design using a contour distance metric. IIE Transactions, 2001, 33, 337-344.	2.1	38
62	Scheduling operations on parallel machine tools. IIE Transactions, 2000, 32, 449-460.	2.1	3
63	Scheduling operations on parallel machine tools. IIE Transactions, 2000, 32, 449-459.	2.1	21
64	Designing safe job rotation schedules using optimization and heuristic search. Ergonomics, 2000, 43, 543-560.	2.1	95
65	Spare Capacity Planning for Survivable Mesh Networks. Lecture Notes in Computer Science, 2000, , 957-968.	1.3	11
66	Evolutionary Design of Facilities Considering Production Uncertainty. , 2000, , 175-186.		6
67	Scheduling flowshops with finite buffers and sequence-dependent setup times. Computers and Industrial Engineering, 1999, 36, 163-177.	6.3	50
68	A genetic algorithm methodology for complex scheduling problems. Naval Research Logistics, 1999, 46, 199-211.	2.2	112
69	Integrated facility design using an evolutionary approach with a subordinate network algorithm. Lecture Notes in Computer Science, 1998, , 937-946.	1.3	4
70	Enabling Real-Time Management and Visibility with RFID. , 0, , 172-190.		5