Denis Borenstein

List of Publications by Citations

65 papers	2,327 citations	20 h-index	48 g-index
70 ext. papers	2,645 ext. citations	4 avg, IF	5.24 L-index

#	Paper	IF	Citations
65	Mass customization: Literature review and research directions. *International Journal of Production Economics*, **2001**, 72, 1-13	9.3	769
64	The mass customization decade: An updated review of the literature. *International Journal of Production Economics*, **2012**, 138, 14-25	9.3	438
63	Real-time vehicle rerouting problems with time windows. *European Journal of Operational Research*, **2009**, 194, 711-727	5.6	81
62	A decision support system for the operational planning of solid waste collection. *Waste Management*, **2007**, 27, 1286-97	8.6	80
61	The emergence of the biodiesel industry in Brazil: Current figures and future prospects. *Energy Policy*, **2012**, 44, 395-405	7.2	65
60	A fuzzy-Bayesian model for supplier selection. *Expert Systems With Applications*, **2012**, 39, 7834-7844	7.8	63
59	Towards a practical method to validate decision support systems. *Decision Support Systems*, **1998**, 23, 227-239	5.6	63
58	A Lagrangian heuristic for the real-time vehicle rescheduling problem. *Transportation Research, Part E: Logistics and Transportation Review*, **2009**, 45, 419-433	9	60
57	A DSS for integrated distribution of empty and full containers. *Decision Support Systems*, **2009**, 47, 383-397	5.6	58
56	A framework to support customer–company interaction in mass customization environments. *Computers in Industry*, **2004**, 54, 115-135	11.6	54
55	A decision support system for the single-depot vehicle rescheduling problem. *Computers and Operations Research*, **2007**, 34, 1008-1032	4.6	48
54	Truck scheduling for solid waste collection in the City of Porto Alegre, Brazil. *Omega*, **2008**, 36, 1133-1149	7.2	47
53	Decision Support System for Product Configuration in Mass Customization Environments. *Concurrent Engineering Research and Applications*, **2004**, 12, 131-144	1.7	33
52	The vehicle rescheduling problem: Model and algorithms. *Networks*, **2007**, 50, 211-229	1.6	32
51	Is predatory publishing a real threat? Evidence from a large database study. *Scientometrics*, **2018**, 116, 255-273	3	28
50	Review of real-time vehicle schedule recovery methods in transportation services. *Journal of Scheduling*, **2014**, 17, 541-567	1.6	24
49	Index tracking with controlled number of assets using a hybrid heuristic combining genetic algorithm and non-linear programming. *Annals of Operations Research*, **2017**, 258, 849-867	3.2	23

48	A simulation comparison of risk measures for portfolio optimization. *Finance Research Letters*, **2018**, 24, 105-112	8.1	23
47	Column generation based heuristic framework for the multiple-depot vehicle type scheduling problem. *Computers and Industrial Engineering*, **2015**, 90, 361-370	6.4	21
46	Object-Oriented Model for Customer-Building Company Interaction in Mass Customization Environment. *Journal of Construction Engineering and Management - ASCE*, **2003**, 129, 302-313	4.2	20
45	A directed acyclic graph representation of routing manufacturing flexibility. *European Journal of Operational Research*, **2000**, 127, 78-93	5.6	19
44	Real-time multi-depot vehicle type rescheduling problem. *Transportation Research Part B: Methodological*, **2018**, 108, 217-234	7.2	18
43	A fuzzy hybrid integrated framework for portfolio optimization in private banking. *Expert Systems With Applications*, **2018**, 92, 350-362	7.8	18
42	Hybrid fuzzy MADM ranking procedure for better alternative discrimination. *Engineering Applications of Artificial Intelligence*, **2016**, 50, 71-82	7.2	18
41	Measuring the efficiency of Brazilian post office stores using data envelopment analysis. *International Journal of Operations and Production Management*, **2004**, 24, 1055-1078	6.8	17
40	Simple and efficient heuristic approach for the multiple-depot vehicle scheduling problem. *Optimization Letters*, **2016**, 10, 1449-1461	1.1	14
39	An agent-based simulation model for analyzing the governance of the Brazilian Financial System. *Expert Systems With Applications*, **2009**, 36, 11489-11501	7.8	14
38	Implementation of an object-oriented tool for the simulation of manufacturing systems and its application to study the effects of flexibility. *International Journal of Production Research*, **2000**, 38, 2125-2142	7.8	13
37	IDSSFLEX: an intelligent DSS for the design and evaluation of flexible manufacturing systems. *Journal of the Operational Research Society*, **1998**, 49, 734-744	2	13
36	A systemic and integrated approach to flexible manufacturing systems design. *Journal of Manufacturing Technology Management*, **1999**, 10, 6-14		13
35	The Brazilian scientific output published in journals: A study based on a large CV database. *Journal of Informetrics*, **2017**, 11, 18-31	3.1	12
34	Normative agent-based simulation for supply chain planning. *Journal of the Operational Research Society*, **2011**, 62, 501-514	2	12
33	Intelligent decision support system for flexible manufacturing system design. *Annals of Operations Research*, **1998**, 77, 129-156	3.2	12
32	A system dynamics model for long-term planning of the undergraduate education in Brazil. *Higher Education*, **2015**, 69, 375-397	3	11
31	Development of an integrated decision-making method for an oil refinery restructuring in Brazil. *Energy*, **2016**, 111, 197-210	7.9	9

#	Reference	IF	Cit
30	A visual interactive multicriteria decision analysis model for FMS design. *International Journal of Advanced Manufacturing Technology*, **1998**, 14, 848-857	3.2	9
29	Design and development of a fuzzy agent-based model to measure interest rate expectations. *Expert Systems With Applications*, **2012**, 39, 7391-7402	7.8	8
28	Truck schedule recovery for solid waste collection in Porto Alegre, Brazil. *International Transactions in Operational Research*, **2008**, 15, 565-582	2.9	8
27	A Multi-Criteria Model for The Justification of it Investments. *Infor*, **2005**, 43, 1-21	0.5	7
26	Lotka's law for the Brazilian scientific output published in journals. *Journal of Information Science*, **2019**, 45, 705-709	2	6
25	Student selection in a Brazilian university: using a multi-criteria method. *Journal of the Operational Research Society*, **2018**, 69, 528-540	2	6
24	Simple heuristic for the strategic supply chain design of large-scale networks: A Brazilian case study. *Computers and Industrial Engineering*, **2017**, 113, 746-756	6.4	4
23	State space representation of manufacturing operation plans in the presence of flexible routing capability. *International Journal of Computer Integrated Manufacturing*, **2004**, 17, 451-466	4.3	4
22	Investigating the use of statistical process control charts for index tracking portfolios. *Journal of the Operational Research Society*, **2019**, 70, 1622-1638	2	3
21	Vehicle scheduling problem with loss in bus ridership. *Computers and Operations Research*, **2019**, 111, 230-242	4.6	3
20	Implementing regulation policy in Brazilian health care regulation centers. *Medical Decision Making*, **2010**, 30, 366-79	2.5	3
19	STRUCTURING AND MODELING DATA FOR REPRESENTING THE BEHAVIOR OF AGENTS IN THE GOVERNANCE OF THE BRAZILIAN FINANCIAL SYSTEM. *Applied Artificial Intelligence*, **2009**, 23, 316-345	2.3	3
18	Gestão operacional da coleta seletiva de resíduos sólidos urbanos: abordagem utilizando um sistema de apoio à decisão. *Gestão & Produção*, **2006**, 13, 449-461	0.9	3
17	Parallel Auction Algorithm for Bus Rescheduling **2008**, 281-299		3
16	ExpertFlex: A knowledge-based system for flexible manufacturing system design. *Production Planning and Control*, **1998**, 9, 598-610	4.3	3
15	Application of optimization for solving a sawing stock problem with a cant sawing pattern. *Optimization Letters*, **2018**, 12, 1755-1772	1.1	3
14	Cargo routing and scheduling problem in deep-sea transportation: Case study from a fertilizer company. *Computers and Operations Research*, **2020**, 119, 104934	4.6	2
13	Modelando o projeto logístico de uma indústria multicommodity. *Gestão & Produção*, **2017**, 24, 148-160	0.9	1

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12	Enhancing The Discrimination of Alternatives in Fuzzy-Topsis. *Infor*, **2015**, 53, 155-169	0.5	1
11	State space representation of routing flexibility. *Computers and Industrial Engineering*, **2005**, 49, 537-555	6.4	1
10	Modelagem do projeto da cadeia de suprimentos global: considerações teóricas e perspectivas futuras. *Gestão & Produção*, **2014**, 21, 369-388	0.9	1
9	Model for decision-making, change of LPG stove to induction stove, case in Ecuador. *DYNA (Colombia)*, **2017**, 84, 95-100	0.6	1
8	Otimização da rede de uma cadeia de suprimentos com a utilização de uma heurística baseada em Busca Tabu. *Gestão & Produção*, **2016**, 23, 3-17	0.9	0
7	EXPLOITING THE TIMETABLING FLEXIBILITY IN THE CONTEXT OF THE VEHICLE SCHEDULING PROBLEM WITH HETEROGENEOUS FLEET. *Pesquisa Operacional*, **2019**, 39, 85-108	0.3	
6	Sistema para distribuição integrada de contêineres cheios e vazios. *Production*, **2008**, 18, 452-468	1.3	
5	Combinando simulação e sistemas baseados em conhecimento para o projeto de sistemas avançados de manufatura. *Gestão & Produção*, **1998**, 5, 89-103	0.9	
4	Representação em espaço de estados para a flexibilidade de roteamento. *Gestão & Produção*, **2004**, 11, 251-261	0.9	
3	SCOLDSS: A Decision Support System for the Planning of Solid Waste Collection. *Annals of Information Systems*, **2007**, 207-217		
2	Evaluación de eficiencia de cooperativas de ahorro y crédito en Ecuador: Aplicación del modelo Análisis Envolvente de Datos DEA. *Contaduria Y Administracion*, **2018**, 64, 87	0.2	
1	The Academic Inbreeding Controversy: Analysis and Evidence from Brazil. *Journal of Informetrics*, **2022**, 16, 101287	3.1	