

Denis Borenstein

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The Academic Inbreeding Controversy: Analysis and Evidence from Brazil. <i>Journal of Informetrics</i> , 2022 , 16, 101287	3.1	
64	Cargo routing and scheduling problem in deep-sea transportation: Case study from a fertilizer company. <i>Computers and Operations Research</i> , 2020 , 119, 104934	4.6	2
63	EXPLOITING THE TIMETABLING FLEXIBILITY IN THE CONTEXT OF THE VEHICLE SCHEDULING PROBLEM WITH HETEROGENEOUS FLEET. <i>Pesquisa Operacional</i> , 2019 , 39, 85-108	0.3	
62	Investigating the use of statistical process control charts for index tracking portfolios. <i>Journal of the Operational Research Society</i> , 2019 , 70, 1622-1638	2	3
61	Vehicle scheduling problem with loss in bus ridership. <i>Computers and Operations Research</i> , 2019 , 111, 230-242	4.6	3
60	Lotka law for the Brazilian scientific output published in journals. <i>Journal of Information Science</i> , 2019 , 45, 705-709	2	6
59	Is predatory publishing a real threat? Evidence from a large database study. <i>Scientometrics</i> , 2018 , 116, 255-273	3	28
58	Real-time multi-depot vehicle type rescheduling problem. <i>Transportation Research Part B: Methodological</i> , 2018 , 108, 217-234	7.2	18
57	A fuzzy hybrid integrated framework for portfolio optimization in private banking. <i>Expert Systems With Applications</i> , 2018 , 92, 350-362	7.8	18
56	Evaluaci3n de eficiencia de cooperativas de ahorro y cr3dito en Ecuador: Aplicaci3n del modelo An3lisis Envoltante de Datos DEA. <i>Contaduria Y Administracion</i> , 2018 , 64, 87	0.2	
55	Student selection in a Brazilian university: using a multi-criteria method. <i>Journal of the Operational Research Society</i> , 2018 , 69, 528-540	2	6
54	A simulation comparison of risk measures for portfolio optimization. <i>Finance Research Letters</i> , 2018 , 24, 105-112	8.1	23
53	Application of optimization for solving a sawing stock problem with a cant sawing pattern. <i>Optimization Letters</i> , 2018 , 12, 1755-1772	1.1	3
52	Index tracking with controlled number of assets using a hybrid heuristic combining genetic algorithm and non-linear programming. <i>Annals of Operations Research</i> , 2017 , 258, 849-867	3.2	23
51	Modelando o projeto log3stico de uma ind3stria multicommodity. <i>Gest3o & Produ3o</i> , 2017 , 24, 148-160	0.9	1
50	Simple heuristic for the strategic supply chain design of large-scale networks: A Brazilian case study. <i>Computers and Industrial Engineering</i> , 2017 , 113, 746-756	6.4	4
49	The Brazilian scientific output published in journals: A study based on a large CV database. <i>Journal of Informetrics</i> , 2017 , 11, 18-31	3.1	12

48	Model for decision-making, change of LPG stove to induction stove, case in Ecuador. <i>DYNA (Colombia)</i> , 2017 , 84, 95-100	0.6	1
47	Development of an integrated decision-making method for an oil refinery restructuring in Brazil. <i>Energy</i> , 2016 , 111, 197-210	7.9	9
46	Hybrid fuzzy MADM ranking procedure for better alternative discrimination. <i>Engineering Applications of Artificial Intelligence</i> , 2016 , 50, 71-82	7.2	18
45	Simple and efficient heuristic approach for the multiple-depot vehicle scheduling problem. <i>Optimization Letters</i> , 2016 , 10, 1449-1461	1.1	14
44	Otimizaço da rede de uma cadeia de suprimentos com a utilizaço de uma heurística baseada em Busca Tabu. <i>Gesto & Produço</i> , 2016 , 23, 3-17	0.9	0
43	Column generation based heuristic framework for the multiple-depot vehicle type scheduling problem. <i>Computers and Industrial Engineering</i> , 2015 , 90, 361-370	6.4	21
42	A system dynamics model for long-term planning of the undergraduate education in Brazil. <i>Higher Education</i> , 2015 , 69, 375-397	3	11
41	Enhancing The Discrimination of Alternatives in Fuzzy-Topsis. <i>Infor</i> , 2015 , 53, 155-169	0.5	1
40	Review of real-time vehicle schedule recovery methods in transportation services. <i>Journal of Scheduling</i> , 2014 , 17, 541-567	1.6	24
39	Modelagem do projeto da cadeia de suprimentos global: consideraçes tcnicas e perspectivas futuras. <i>Gesto & Produço</i> , 2014 , 21, 369-388	0.9	1
38	The mass customization decade: An updated review of the literature. <i>International Journal of Production Economics</i> , 2012 , 138, 14-25	9.3	438
37	The emergence of the biodiesel industry in Brazil: Current figures and future prospects. <i>Energy Policy</i> , 2012 , 44, 395-405	7.2	65
36	Design and development of a fuzzy agent-based model to measure interest rate expectations. <i>Expert Systems With Applications</i> , 2012 , 39, 7391-7402	7.8	8
35	A fuzzy-Bayesian model for supplier selection. <i>Expert Systems With Applications</i> , 2012 , 39, 7834-7844	7.8	63
34	Normative agent-based simulation for supply chain planning. <i>Journal of the Operational Research Society</i> , 2011 , 62, 501-514	2	12
33	Implementing regulation policy in Brazilian health care regulation centers. <i>Medical Decision Making</i> , 2010 , 30, 366-79	2.5	3
32	STRUCTURING AND MODELING DATA FOR REPRESENTING THE BEHAVIOR OF AGENTS IN THE GOVERNANCE OF THE BRAZILIAN FINANCIAL SYSTEM. <i>Applied Artificial Intelligence</i> , 2009 , 23, 316-345	2.3	3
31	A DSS for integrated distribution of empty and full containers. <i>Decision Support Systems</i> , 2009 , 47, 383-397	3.7	58

30	Real-time vehicle rerouting problems with time windows. <i>European Journal of Operational Research</i> , 2009 , 194, 711-727	5.6	81
29	An agent-based simulation model for analyzing the governance of the Brazilian Financial System. <i>Expert Systems With Applications</i> , 2009 , 36, 11489-11501	7.8	14
28	A Lagrangian heuristic for the real-time vehicle rescheduling problem. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2009 , 45, 419-433	9	60
27	Truck schedule recovery for solid waste collection in Porto Alegre, Brazil. <i>International Transactions in Operational Research</i> , 2008 , 15, 565-582	2.9	8
26	Truck scheduling for solid waste collection in the City of Porto Alegre, Brazil. <i>Omega</i> , 2008 , 36, 1133-1149	9.2	47
25	Sistema para distribui�o integrada de cont�ineres cheios e vazios. <i>Production</i> , 2008 , 18, 452-468	1.3	
24	Parallel Auction Algorithm for Bus Rescheduling 2008 , 281-299		3
23	The vehicle rescheduling problem: Model and algorithms. <i>Networks</i> , 2007 , 50, 211-229	1.6	32
22	A decision support system for the operational planning of solid waste collection. <i>Waste Management</i> , 2007 , 27, 1286-97	8.6	80
21	A decision support system for the single-depot vehicle rescheduling problem. <i>Computers and Operations Research</i> , 2007 , 34, 1008-1032	4.6	48
20	SCOLDSS: A Decision Support System for the Planning of Solid Waste Collection. <i>Annals of Information Systems</i> , 2007 , 207-217		
19	Gest�o operacional da coleta seletiva de res�duos s�lidos urbanos: abordagem utilizando um sistema de apoio � decis�o. <i>Gest�o & Produ�o</i> , 2006 , 13, 449-461	0.9	3
18	A Multi-Criteria Model for The Justification of it Investments. <i>Infor</i> , 2005 , 43, 1-21	0.5	7
17	State space representation of routing flexibility. <i>Computers and Industrial Engineering</i> , 2005 , 49, 537-555	6.4	1
16	State space representation of manufacturing operation plans in the presence of flexible routing capability. <i>International Journal of Computer Integrated Manufacturing</i> , 2004 , 17, 451-466	4.3	4
15	Decision Support System for Product Configuration in Mass Customization Environments. <i>Concurrent Engineering Research and Applications</i> , 2004 , 12, 131-144	1.7	33
14	Measuring the efficiency of Brazilian post office stores using data envelopment analysis. <i>International Journal of Operations and Production Management</i> , 2004 , 24, 1055-1078	6.8	17
13	A framework to support customer�ompany interaction in mass customization environments. <i>Computers in Industry</i> , 2004 , 54, 115-135	11.6	54

12	Representação em espaço de estados para a flexibilidade de roteamento. <i>Gestão & Produção</i> , 2004 , 11, 251-261	0.9	
11	Object-Oriented Model for Customer-Building Company Interaction in Mass Customization Environment. <i>Journal of Construction Engineering and Management - ASCE</i> , 2003 , 129, 302-313	4.2	20
10	Mass customization: Literature review and research directions. <i>International Journal of Production Economics</i> , 2001 , 72, 1-13	9.3	769
9	A directed acyclic graph representation of routing manufacturing flexibility. <i>European Journal of Operational Research</i> , 2000 , 127, 78-93	5.6	19
8	Implementation of an object-oriented tool for the simulation of manufacturing systems and its application to study the effects of flexibility. <i>International Journal of Production Research</i> , 2000 , 38, 2125-2142 ^{7,8}	13	
7	A systemic and integrated approach to flexible manufacturing systems design. <i>Journal of Manufacturing Technology Management</i> , 1999 , 10, 6-14		13
6	Intelligent decision support system for flexible manufacturing system design. <i>Annals of Operations Research</i> , 1998 , 77, 129-156	3.2	12
5	Towards a practical method to validate decision support systems. <i>Decision Support Systems</i> , 1998 , 23, 227-239	5.6	63
4	A visual interactive multicriteria decision analysis model for FMS design. <i>International Journal of Advanced Manufacturing Technology</i> , 1998 , 14, 848-857	3.2	9
3	IDSSFLEX: an intelligent DSS for the design and evaluation of flexible manufacturing systems. <i>Journal of the Operational Research Society</i> , 1998 , 49, 734-744	2	13
2	Combinando simulação e sistemas baseados em conhecimento para o projeto de sistemas avançados de manufatura. <i>Gestão & Produção</i> , 1998 , 5, 89-103	0.9	
1	ExpertFlex: A knowledge-based system for flexible manufacturing system design. <i>Production Planning and Control</i> , 1998 , 9, 598-610	4.3	3