Boaz Golany

List of Publications by Year
in descending order

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57 papers	3,695 citations	172457 29 h-index	161849 54 g-index
60 all docs	60 docs citations	60 times ranked	2461 citing authors

#	Article	IF	Citations
1	Controlling Factor Weights in Data Envelopment Analysis. IIE Transactions, 1991, 23, 2-9.	2.1	335
2	Evaluation of deregulated airline networks using data envelopment analysis combined with principal component analysis with an application to Western Europe. European Journal of Operational Research, 2001, 132, 260-273.	5.7	288
3	Retailer-Supplier Flexible Commitments Contracts: A Robust Optimization Approach. Manufacturing and Service Operations Management, 2005, 7, 248-271.	3.7	260
4	Using Rank Statistics for Determining Programmatic Efficiency Differences in Data Envelopment Analysis. Management Science, 1996, 42, 466-472.	4.1	226
5	R&D project evaluation: An integrated DEA and balanced scorecard approach. Omega, 2008, 36, 895-912.	5.9	211
6	Constructing and evaluating balanced portfolios of R&D projects with interactions: A DEA based methodology. European Journal of Operational Research, 2006, 172, 1018-1039.	5.7	210
7	A parcel locker network as a solution to the logistics last mile problem. International Journal of Production Research, 2018, 56, 251-261.	7.5	165
8	Modeling tradeoffs in three-dimensional concurrent engineering: a goal programming approach. Journal of Operations Management, 2005, 23, 389-403.	5.2	151
9	Evaluating Efficiency-Effectiveness-Equality Trade-Offs: A Data Envelopment Analysis Approach. Management Science, 1995, 41, 1172-1184.	4.1	125
10	Nature plays with dice â€“ terrorists do not: Allocating resources to counter strategic versus probabilistic risks. European Journal of Operational Research, 2009, 192, 198-208.	5.7	124
11	Real-time disruption management in a two-stage production and inventory system. IIE Transactions, 2004, 36, 111-125.	2.1	122
12	Economic lot-sizing with remanufacturing options. IIE Transactions, 2001, 33, 995-1003.	2.1	103
13	ERP modeling: a comprehensive approach. Information Systems, 2003, 28, 673-690.	3.6	99
14	Estimating returns to scale in DEA. European Journal of Operational Research, 1997, 103, 28-37.	5.7	90
15	Determining the number of kanbans in a multiproduct, multistage production system. International Journal of Production Research, 1991, 29, 881-895.	7.5	84
16	Some extensions of techniques to handle non-discretionary factors in data envelopment analysis. Journal of Productivity Analysis, 1993, 4, 419-432.	1.6	83
17	Optimal Allocation of Proposals to Reviewers to Facilitate Effective Ranking. Management Science, 2005, 51, 655-661.	4.1	76
18	Noteâ€"A Note on Including Ordinal Relations Among Multipliers in Data Envelopment Analysis. Management Science, 1988, 34, 1029-1033.	4.1	74

#	Article	IF	Citations
19	An efficiency measurement framework for multi-stage production systems. Annals of Operations Research, 2006, 145, 51-68.	4.1	68
20	Title is missing!. Annals of Operations Research, 1997, 73, 117-140.	4.1	57
21	The stochastic timeâ€“cost tradeoff problem: A robust optimization approach. Networks, 2007, 49, 175-188.	2.7	53
22	The Economic and Social Performance of Nations: Efficiency and Returns to Scale. Socio-Economic Planning Sciences, 1997, 31, 191-204.	5.0	52
23	Modelling Off-the-Shelf Information Systems Requirements: An Ontological Approach. Requirements Engineering, 2001, 6, 183-199.	3.1	51
24	Creating a consensus ranking of proposals from reviewersâ€™ partial ordinal rankings. Computers and Operations Research, 2007, 34, 954-965.	4.0	51
25	A dynamic inventory model with supplier selection in a serial supply chain structure. European Journal of Operational Research, 2013, 230, 258-271.	5.7	48
26	A concave-cost production planning problem with remanufacturing options. Naval Research Logistics, 2005, 52, 443-458.	2.2	46
27	A heuristic algorithm for the quadratic assignment formulation to the plant layout problem. International Journal of Production Research, 1989, 27, 293-308.	7.5	40
28	Managing Stochastic, Finite Capacity, Multi-Project Systems through the Cross-Entropy Methodology. Annals of Operations Research, 2005, 134, 183-199.	4.1	34
29	Inducing coordination in supply chains through linear reward schemes. Naval Research Logistics, 2006, 53, 1-15.	2.2	29
30	Designing patient flow in emergency departments. IIE Transactions on Healthcare Systems Engineering, 2012, 2, 233-247.	0.8	29
31	A multi-period unit commitment problem under a new hybrid uncertainty set for a renewable energy source. Renewable Energy, 2018, 118, 909-917.	8.9	27
32	Determining all Nash equilibria in a (bi-linear) inspection game. European Journal of Operational Research, 2011, 215, 422-430.	5.7	24
33	Network Optimization Models for Resource Allocation in Developing Military Countermeasures. Operations Research, 2012, 60, 48-63.	1.9	22
34	Resource allocation in stochastic, finite-capacity, multi-project systems through the cross entropy methodology. Journal of Scheduling, 2007, 10, 181-193.	1.9	19
35	A goal programming-discriminant function approach to the estimation of an empirical production function based on DEA results. Journal of Productivity Analysis, 1995, 6, 171-186.	1.6	15
36	A Stochastic Competitive R&D Race Where â€œWinner Takes Allâ€• Operations Research, 2012, 60, 700-715.	1.9	15

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37	PCA-DEA. , 2007, , 139-153.		14
38	Setting gates for activities in the stochastic project scheduling problem through theÂcross entropy methodology. Annals of Operations Research, 2009, 172, 259-276.	4.1	14
39	On the average performance of the adjustable RO and its use as an offline tool for multi-period production planning under uncertainty. Computational Management Science, 2016, 13, 293-315.	1.3	14
40	Economic lot-sizing with remanufacturing options. IIE Transactions, 2001, 33, 995-1004.	2.1	11
41	Lower Bound Restrictions on Intensities in Data Envelopment Analysis. Journal of Productivity Analysis, 2001, 16, 241-261.	1.6	11
42	An Interactive Goal Programming Procedure for Operational Recovery Problems. Optimization and Engineering, 2002, 3, 109-127.	2.4	11
43	Optimal investment in development projects. Operations Research Letters, 2008, 36, 657-661.	0.7	11
44	Inspection games with local and global allocation bounds. Naval Research Logistics, 2013, 60, 125-140.	2.2	10
45	Securing Gates of a Protected Area: A Hybrid Game and Queueing Theory Modeling Approach. Decision Analysis, 2019, 16, 31-45.	2.1	10
46	Efficiency Evaluation Games. , 1992, , 327-347.		10
47	Predetermined intervals for start times of activities inÂtheÂstochastic project scheduling problem. Annals of Operations Research, 2011, 186, 429-442.	4.1	9
48	Strategic equilibrium versus global optimum for a pair of competing servers. Journal of Applied Probability, 2006, 43, 1165-1172.	0.7	8
49	Setting gates for activities in the stochastic project scheduling problem through the cross entropy methodology. Annals of Operations Research, 2011, 189, 25-42.	4.1	8
50	Resource allocation in an asymmetric technology race with temporary advantages. Naval Research Logistics, 2012, 59, 128-145.	2.2	8
51	Multiple agents finitely repeated inspection game with dismissals. Annals of Operations Research, 2016, 237, 7-26.	4.1	8
52	A multi-product dynamic supply chain inventory model with supplier selection, joint replenishment, and transportation cost. Annals of Operations Research, 2022, 316, 729-762.	4.1	8
53	The effect of risk aversion on the outcomes of inspection games. Journal of the Operational Research Society, 2018, 69, 645-660.	3.4	5
54	A Generalized Two-Agent Location Problem: Asymmetric Dynamics and Coordination. Journal of Optimization Theory and Applications, 2011, 148, 336-363.	1.5	3

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55	A quantitative foundation for defining and manipulating deals to facilitate automated e-commerce. Electronic Commerce Research, 2007, 7, 341-365.	5.0	2
56	A Stochastic Competitive Research and Development Race Where â€œWinner Takes Allâ€•with Lower and Upper Bounds. Journal of Optimization Theory and Applications, 2012, 154, 986-1014.	1.5	0
57	Dynamic Coordination of Multiple Agents in a Class of Differential Games Through a Generalized Linear Reward Scheme. Profiles in Operations Research, 2014, , 183-201.	0.4	0