

# Zilla sinuany-Stern

## List of Publications by Year in descending order

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54  
papers

1,995  
citations

566801

15  
h-index

243296

44  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1182  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hip fracture surgery efficiency in Israeli hospitals via a network data envelopment analysis. Central European Journal of Operations Research, 2020, 28, 251-277.	1.1	4
2	Performance of hospitals operating departments: the effect of logistic parameters. International Journal of Logistics Systems and Management, 2016, 25, 3.	0.2	0
3	The relationship between the efficiency of orthopedic wards and the socio-economic status of their patients. Central European Journal of Operations Research, 2016, 24, 853-876.	1.1	3
4	Evaluating the efficiency of local municipalities in providing traffic safety using the Data Envelopment Analysis. Accident Analysis and Prevention, 2015, 78, 39-50.	3.0	48
5	Water Allocation Between the Agricultural and the Municipal Sectors Under Scarcity: A Financial Approach Analysis. Water Resources Management, 2015, 29, 3481-3501.	1.9	6
6	Operations research in the public sector and nonprofit organizations. Annals of Operations Research, 2014, 221, 1-8.	2.6	23
7	Quadratic model for allocating operational budget in public and nonprofit organizations. Annals of Operations Research, 2014, 221, 357-376.	2.6	3
8	The relationship between DEA efficiency and the type of production function, the degree of homogeneity, and error variability. Central European Journal of Operations Research, 2013, 21, 595-607.	1.1	7
9	Paradoxes in Higher Education: Universities Versus Academic Colleges. Research in Comparative and International Education, 2013, 8, 132-148.	0.8	5
10	Application of the analytic hierarchy process for the evaluation of basketball teams. International Journal of Sport Management and Marketing, 2006, 1, 193.	0.1	15
11	Optimal thresholds in symmetric multi-stage multi-players competitions. International Journal of Sport Management and Marketing, 2006, 1, 239.	0.1	1
12	Optimal threshold in multi-stage competitions. International Journal of Sport Management and Marketing, 2006, 1, 215.	0.1	3
13	Review of ranking methods in the data envelopment analysis context. European Journal of Operational Research, 2002, 140, 249-265.	3.5	689
14	An AHP/DEA methodology for ranking decision making units. International Transactions in Operational Research, 2000, 7, 109-124.	1.8	213
15	DEA and the discriminant analysis of ratios for ranking units. European Journal of Operational Research, 1998, 111, 470-478.	3.5	138
16	Combining ranking scales and selecting variables in the DEA context: The case of industrial branches. Computers and Operations Research, 1998, 25, 781-791.	2.4	137
17	Scaling units via the canonical correlation analysis in the DEA context. European Journal of Operational Research, 1997, 100, 629-637.	3.5	151
18	An efficient heuristic for a partially observable Markov decision process of machine replacement. Computers and Operations Research, 1997, 24, 117-126.	2.4	6

#	ARTICLE	IF	CITATIONS
19	Production control in semi-automated systems: comparison between constant and stochastic speeds. Production Planning and Control, 1996, 7, 176-183.	5.8	2
20	The location of a hospital in a rural region: The case of the Negev. Location Science, 1995, 3, 255-266.	0.2	27
21	Academic departments efficiency via DEA. Computers and Operations Research, 1994, 21, 543-556.	2.4	206
22	Project post-evaluation via AHP. Production Planning and Control, 1994, 5, 337-341.	5.8	1
23	The One Dimensional Cutting Stock Problem Using Two Objectives. Journal of the Operational Research Society, 1994, 45, 231-236.	2.1	26
24	On-line production control using the EVPI approach. European Journal of Operational Research, 1993, 67, 344-357.	3.5	8
25	Replacement policy under partially observed Markov process. International Journal of Production Economics, 1993, 29, 159-166.	5.1	7
26	Simulating the evacuation of a small city: the effects of traffic factors. Socio-Economic Planning Sciences, 1993, 27, 97-108.	2.5	49
27	Forecasting hardware resource requirements. Computers and Operations Research, 1993, 20, 477-484.	2.4	2
28	A Response to "A Good Enhancement with Logical Weaknesses"™. Journal of the Operational Research Society, 1993, 44, 106-106.	2.1	0
29	Hierarchical control of semi-automated production systems. Production Planning and Control, 1993, 4, 361-370.	5.8	11
30	Semi-Automated Production Systems under Disturbances. Journal of the Operational Research Society, 1993, 44, 161-168.	2.1	4
31	On "An Enhancement of the Drezner-Wesolowsky Algorithm"™. Journal of the Operational Research Society, 1992, 43, 373-374.	2.1	1
32	Physical simulation of a two-stage control algorithm for an FMS. Computers and Industrial Engineering, 1990, 18, 535-545.	3.4	1
33	Feeding parts with random production speed to an assembly line. Engineering Costs and Production Economics, 1989, 16, 91-96.	0.2	8
34	Determining control points of a production system under a chance constraint. Engineering Costs and Production Economics, 1989, 18, 139-144.	0.2	11
35	Ranking of Sports Teams via the AHP. Journal of the Operational Research Society, 1988, 39, 661-667.	2.1	34
36	Budgeting in Hierarchical Systems Under Uncertainty. IIE Transactions, 1987, 19, 2-12.	2.1	2

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37	Discrete Multiattribute Utility Approach to Project Selection. Journal of the Operational Research Society, 1987, 38, 1133-1139.	2.1	7
38	Multi-Objective Scheduling Plans for Security Guards. Journal of the Operational Research Society, 1986, 37, 67-77.	2.1	10
39	An optimal forest thinning policy: A simulation approach. Computers, Environment and Urban Systems, 1986, 11, 181-189.	3.3	1
40	Nuclear Power Plant Site Selection: A Case Study. Nuclear Technology, 1985, 69, 7-13.	0.7	11
41	Menu planning via computer simulation. Computers, Environment and Urban Systems, 1985, 10, 81-87.	3.3	1
42	A single facility location problem with a weighted maximin-minimax rectilinear distance. Computers and Operations Research, 1985, 12, 51-60.	2.4	16
43	Curtailment of artificial attribute sampling plans. International Journal of Production Research, 1985, 23, 847-856.	4.9	7
44	A Financial Planning Model for a multi-campus college. Socio-Economic Planning Sciences, 1984, 18, 135-142.	2.5	9
45	A simulation of a solar energy system for heating water. Computers and Industrial Engineering, 1984, 8, 181-191.	3.4	0
46	A Network Optimization Model for Budget Allocation in a Multi-Campus University. Journal of the Operational Research Society, 1984, 35, 749-757.	2.1	23
47	THE ONE-DIMENSIONAL SINGLE FACILITY MAXIMIN DISTANCE LOCATION PROBLEM. Journal of Regional Science, 1983, 23, 233-239.	2.1	6
48	Break-even and equilibrium analyses in university financial planning. Computers, Environment and Urban Systems, 1983, 8, 109-119.	3.3	1
49	Cost simulation models for university budgeting. Computers, Environment and Urban Systems, 1983, 8, 211-216.	3.3	3
50	Resource allocation to interrelated projects. Water Resources Research, 1983, 19, 876-880.	1.7	5
51	An Interactive Approach for Project Selection. Journal of the Operational Research Society, 1983, 34, 621-626.	2.1	25
52	Simulating an Integrated Energy System. Simulation, 1982, 38, 131-N 139.	1.1	2
53	Resource allocation to interrelated projects. Water Resources Research, 1982, 18, 462-462.	1.7	3
54	Project selection in a small university R&D laboratory. R and D Management, 1982, 12, 169-174.	3.0	13