Zilla sinuany-Stern

List of Publications by Year
in descending order

54 papers	1,995 citations	567281 15 h-index	243625 44 g-index
54 all docs	54 docs citations	54 times ranked	1182 citing authors

#	Article	IF	Citations
1	Review of ranking methods in the data envelopment analysis context. European Journal of Operational Research, 2002, 140, 249-265.	5.7	689
2	An AHP/DEA methodology for ranking decision making units. International Transactions in Operational Research, 2000, 7, 109-124.	2.7	213
3	Academic departments efficiency via DEA. Computers and Operations Research, 1994, 21, 543-556.	4.0	206
4	Scaling units via the canonical correlation analysis in the DEA context. European Journal of Operational Research, 1997, 100, 629-637.	5.7	151
5	DEA and the discriminant analysis of ratios for ranking units. European Journal of Operational Research, 1998, 111, 470-478.	5.7	138
6	Combining ranking scales and selecting variables in the DEA context: The case of industrial branches. Computers and Operations Research, 1998, 25, 781-791.	4.0	137
7	Simulating the evacuation of a small city: the effects of traffic factors. Socio-Economic Planning Sciences, 1993, 27, 97-108.	5.0	49
8	Evaluating the efficiency of local municipalities in providing traffic safety using the Data Envelopment Analysis. Accident Analysis and Prevention, 2015, 78, 39-50.	5.7	48
9	Ranking of Sports Teams via the AHP. Journal of the Operational Research Society, 1988, 39, 661-667.	3.4	34
10	The location of a hospital in a rural region: The case of the Negev. Location Science, 1995, 3, 255-266.	0.1	27
11	The One Dimensional Cutting Stock Problem Using Two Objectives. Journal of the Operational Research Society, 1994, 45, 231-236.	3.4	26
12	An Interactive Approach for Project Selection. Journal of the Operational Research Society, 1983, 34, 621-626.	3.4	25
13	A Network Optimization Model for Budget Allocation in a Multi-Campus University. Journal of the Operational Research Society, 1984, 35, 749-757.	3.4	23
14	Operations research in the public sector and nonprofit organizations. Annals of Operations Research, 2014, 221, 1-8.	4.1	23
15	A single facility location problem with a weighted maximin-minimax rectilinear distance. Computers and Operations Research, 1985, 12, 51-60.	4.0	16
16	Application of the analytic hierarchy process for the evaluation of basketball teams. International Journal of Sport Management and Marketing, 2006, 1, 193.	0.2	15
17	Project selection in a small university R&D laboratory. R and D Management, 1982, 12, 169-174.	5.3	13
18	Nuclear Power Plant Site Selection: A Case Study. Nuclear Technology, 1985, 69, 7-13.	1.2	11

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19	Determining control points of a production system under a chance constraint. Engineering Costs and Production Economics, 1989, 18, 139-144.	0.2	11
20	Hierarchical control of semi-automated production systems. Production Planning and Control, 1993, 4, 361-370.	8.8	11
21	Multi-Objective Scheduling Plans for Security Guards. Journal of the Operational Research Society, 1986, 37, 67-77.	3.4	10
22	A Financial Planning Model for a multi-campus college. Socio-Economic Planning Sciences, 1984, 18, 135-142.	5.0	9
23	Feeding parts with random production speed to an assembly line. Engineering Costs and Production Economics, 1989, 16, 91-96.	0.2	8
24	On-line production control using the EVPI approach. European Journal of Operational Research, 1993, 67, 344-357.	5.7	8
25	Curtailment of artificial attribute sampling plans. International Journal of Production Research, 1985, 23, 847-856.	7.5	7
26	Discrete Multiattribute Utility Approach to Project Selection. Journal of the Operational Research Society, 1987, 38, 1133-1139.	3.4	7
27	Replacement policy under partially observed Markov process. International Journal of Production Economics, 1993, 29, 159-166.	8.9	7
28	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.	1.8	7
29	THE ONE-DIMENSIONAL SINGLE FACILITY MAXIMIN DISTANCE LOCATION PROBLEM. Journal of Regional Science, 1983, 23, 233-239.	3.3	6
30	An efficient heuristic for a partially observable Markov decision process of machine replacement. Computers and Operations Research, 1997, 24, 117-126.	4.0	6
31	Water Allocation Between the Agricultural and the Municipal Sectors Under Scarcity: A Financial Approach Analysis. Water Resources Management, 2015, 29, 3481-3501.	3.9	6
32	Resource allocation to interrelated projects. Water Resources Research, 1983, 19, 876-880.	4.2	5
33	Paradoxes in Higher Education: Universities Versus Academic Colleges. Research in Comparative and International Education, 2013, 8, 132-148.	1.3	5
34	Semi-Automated Production Systems under Disturbances. Journal of the Operational Research Society, 1993, 44, 161-168.	3.4	4
35	Hip fracture surgery efficiency in Israeli hospitals via a network data envelopment analysis. Central European Journal of Operations Research, 2020, 28, 251-277.	1.8	4
36	Resource allocation to interrelated projects. Water Resources Research, 1982, 18, 462-462.	4.2	3

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37	Cost simulation models for university budgeting. Computers, Environment and Urban Systems, 1983, 8, 211-216.	7.1	3
38	Optimal threshold in multi-stage competitions. International Journal of Sport Management and Marketing, 2006, 1, 215.	0.2	3
39	Quadratic model for allocating operational budget in public and nonprofit organizations. Annals of Operations Research, 2014, 221, 357-376.	4.1	3
40	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.	1.8	3
41	Simulating an Integrated Energy System. Simulation, 1982, 38, 131-N 139.	1.8	2
42	Budgeting in Hierarchical Systems Under Uncertainty. IIE Transactions, 1987, 19, 2-12.	2.1	2
43	Forecasting hardware resource requirements. Computers and Operations Research, 1993, 20, 477-484.	4.0	2
44	Production control in semi-automated systems: comparison between constant and stochastic speeds. Production Planning and Control, 1996, 7, 176-183.	8.8	2
45	Break-even and equilibrium analyses in university financial planning. Computers, Environment and Urban Systems, 1983, 8, 109-119.	7.1	1
46	Menu planning via computer simulation. Computers, Environment and Urban Systems, 1985, 10, 81-87.	7.1	1
47	An optimal forest thinning policy: A simulation approach. Computers, Environment and Urban Systems, 1986, 11, 181-189.	7.1	1
48	Physical simulation of a two-stage control algorithm for an FMS. Computers and Industrial Engineering, 1990, 18, 535-545.	6.3	1
49	On â€˜An Enhancement of the Drezner-Wesolowsky Algorithmâ€™. Journal of the Operational Research Society, 1992, 43, 373-374.	3.4	1
50	Project post-evaluation via AHP. Production Planning and Control, 1994, 5, 337-341.	8.8	1
51	Optimal thresholds in symmetric multi-stage multi-players competitions. International Journal of Sport Management and Marketing, 2006, 1, 239.	0.2	1
52	A simulation of a solar energy system for heating water. Computers and Industrial Engineering, 1984, 8, 181-191.	6.3	0
53	A Response to â€˜A Good Enhancement with Logical Weaknessesâ€™. Journal of the Operational Research Society, 1993, 44, 106-106.	3.4	0
54	Performance of hospitals operating departments: the effect of logistic parameters. International Journal of Logistics Systems and Management, 2016, 25, 3.	0.2	0