

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	Review of ranking methods in the data envelopment analysis context. <i>European Journal of Operational Research</i> , 2002, 140, 249-265.	3.5	689
2	An AHP/DEA methodology for ranking decision making units. <i>International Transactions in Operational Research</i> , 2000, 7, 109-124.	1.8	213
3	Academic departments efficiency via DEA. <i>Computers and Operations Research</i> , 1994, 21, 543-556.	2.4	206
4	Scaling units via the canonical correlation analysis in the DEA context. <i>European Journal of Operational Research</i> , 1997, 100, 629-637.	3.5	151
5	DEA and the discriminant analysis of ratios for ranking units. <i>European Journal of Operational Research</i> , 1998, 111, 470-478.	3.5	138
6	Combining ranking scales and selecting variables in the DEA context: The case of industrial branches. <i>Computers and Operations Research</i> , 1998, 25, 781-791.	2.4	137
7	Simulating the evacuation of a small city: the effects of traffic factors. <i>Socio-Economic Planning Sciences</i> , 1993, 27, 97-108.	2.5	49
8	Evaluating the efficiency of local municipalities in providing traffic safety using the Data Envelopment Analysis. <i>Accident Analysis and Prevention</i> , 2015, 78, 39-50.	3.0	48
9	Ranking of Sports Teams via the AHP. <i>Journal of the Operational Research Society</i> , 1988, 39, 661-667.	2.1	34
10	The location of a hospital in a rural region: The case of the Negev. <i>Location Science</i> , 1995, 3, 255-266.	0.2	27
11	The One Dimensional Cutting Stock Problem Using Two Objectives. <i>Journal of the Operational Research Society</i> , 1994, 45, 231-236.	2.1	26
12	An Interactive Approach for Project Selection. <i>Journal of the Operational Research Society</i> , 1983, 34, 621-626.	2.1	25
13	A Network Optimization Model for Budget Allocation in a Multi-Campus University. <i>Journal of the Operational Research Society</i> , 1984, 35, 749-757.	2.1	23
14	Operations research in the public sector and nonprofit organizations. <i>Annals of Operations Research</i> , 2014, 221, 1-8.	2.6	23
15	A single facility location problem with a weighted maximin-minimax rectilinear distance. <i>Computers and Operations Research</i> , 1985, 12, 51-60.	2.4	16
16	Application of the analytic hierarchy process for the evaluation of basketball teams. <i>International Journal of Sport Management and Marketing</i> , 2006, 1, 193.	0.1	15
17	Project selection in a small university R&D laboratory. <i>R and D Management</i> , 1982, 12, 169-174.	3.0	13
18	Nuclear Power Plant Site Selection: A Case Study. <i>Nuclear Technology</i> , 1985, 69, 7-13.	0.7	11

#	ARTICLE	IF	CITATIONS
19	Determining control points of a production system under a chance constraint. <i>Engineering Costs and Production Economics</i> , 1989, 18, 139-144.	0.2	11
20	Hierarchical control of semi-automated production systems. <i>Production Planning and Control</i> , 1993, 4, 361-370.	5.8	11
21	Multi-Objective Scheduling Plans for Security Guards. <i>Journal of the Operational Research Society</i> , 1986, 37, 67-77.	2.1	10
22	A Financial Planning Model for a multi-campus college. <i>Socio-Economic Planning Sciences</i> , 1984, 18, 135-142.	2.5	9
23	Feeding parts with random production speed to an assembly line. <i>Engineering Costs and Production Economics</i> , 1989, 16, 91-96.	0.2	8
24	On-line production control using the EVPI approach. <i>European Journal of Operational Research</i> , 1993, 67, 344-357.	3.5	8
25	Curtailment of artificial attribute sampling plans. <i>International Journal of Production Research</i> , 1985, 23, 847-856.	4.9	7
26	Discrete Multiattribute Utility Approach to Project Selection. <i>Journal of the Operational Research Society</i> , 1987, 38, 1133-1139.	2.1	7
27	Replacement policy under partially observed Markov process. <i>International Journal of Production Economics</i> , 1993, 29, 159-166.	5.1	7
28	The relationship between DEA efficiency and the type of production function, the degree of homogeneity, and error variability. <i>Central European Journal of Operations Research</i> , 2013, 21, 595-607.	1.1	7
29	THE ONE-DIMENSIONAL SINGLE FACILITY MAXIMIN DISTANCE LOCATION PROBLEM. <i>Journal of Regional Science</i> , 1983, 23, 233-239.	2.1	6
30	An efficient heuristic for a partially observable Markov decision process of machine replacement. <i>Computers and Operations Research</i> , 1997, 24, 117-126.	2.4	6
31	Water Allocation Between the Agricultural and the Municipal Sectors Under Scarcity: A Financial Approach Analysis. <i>Water Resources Management</i> , 2015, 29, 3481-3501.	1.9	6
32	Resource allocation to interrelated projects. <i>Water Resources Research</i> , 1983, 19, 876-880.	1.7	5
33	Paradoxes in Higher Education: Universities Versus Academic Colleges. <i>Research in Comparative and International Education</i> , 2013, 8, 132-148.	0.8	5
34	Semi-Automated Production Systems under Disturbances. <i>Journal of the Operational Research Society</i> , 1993, 44, 161-168.	2.1	4
35	Hip fracture surgery efficiency in Israeli hospitals via a network data envelopment analysis. <i>Central European Journal of Operations Research</i> , 2020, 28, 251-277.	1.1	4
36	Resource allocation to interrelated projects. <i>Water Resources Research</i> , 1982, 18, 462-462.	1.7	3

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37	Cost simulation models for university budgeting. Computers, Environment and Urban Systems, 1983, 8, 211-216.	3.3	3
38	Optimal threshold in multi-stage competitions. International Journal of Sport Management and Marketing, 2006, 1, 215.	0.1	3
39	Quadratic model for allocating operational budget in public and nonprofit organizations. Annals of Operations Research, 2014, 221, 357-376.	2.6	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.	1.1	3
41	Simulating an Integrated Energy System. Simulation, 1982, 38, 131-N 139.	1.1	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.	2.4	2
44	Production control in semi-automated systems: comparison between constant and stochastic speeds. Production Planning and Control, 1996, 7, 176-183.	5.8	2
45	Break-even and equilibrium analyses in university financial planning. Computers, Environment and Urban Systems, 1983, 8, 109-119.	3.3	1
46	Menu planning via computer simulation. Computers, Environment and Urban Systems, 1985, 10, 81-87.	3.3	1
47	An optimal forest thinning policy: A simulation approach. Computers, Environment and Urban Systems, 1986, 11, 181-189.	3.3	1
48	Physical simulation of a two-stage control algorithm for an FMS. Computers and Industrial Engineering, 1990, 18, 535-545.	3.4	1
49	On "An Enhancement of the Drezner-Wesolowsky Algorithm"™. Journal of the Operational Research Society, 1992, 43, 373-374.	2.1	1
50	Project post-evaluation via AHP. Production Planning and Control, 1994, 5, 337-341.	5.8	1
51	Optimal thresholds in symmetric multi-stage multi-players competitions. International Journal of Sport Management and Marketing, 2006, 1, 239.	0.1	1
52	A simulation of a solar energy system for heating water. Computers and Industrial Engineering, 1984, 8, 181-191.	3.4	0
53	A Response to "A Good Enhancement with Logical Weaknesses"™. Journal of the Operational Research Society, 1993, 44, 106-106.	2.1	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