Adel Hatami-Marbini

List of Publications by Citations

67 papers	1,975 citations	24 h-index	43 g-index
72 ext. papers	2,241 ext. citations	4.1 avg, IF	5.53 L-index

#	Paper	IF	Citations
67	A taxonomy and review of the fuzzy data envelopment analysis literature: Two decades in the making. *European Journal of Operational Research*, **2011**, 214, 457-472	5.6	279
66	An extension of the Electre I method for group decision-making under a fuzzy environment. *Omega* , **2011**, 39, 373-386	7.2	216
65	A fuzzy group Electre method for safety and health assessment in hazardous waste recycling facilities. *Safety Science*, **2013**, 51, 414-426	5.8	103
64	Allocating fixed resources and setting targets using a common-weights DEA approach. *Computers and Industrial Engineering*, **2013**, 64, 631-640	6.4	85
63	A robust optimization approach for imprecise data envelopment analysis. *Computers and Industrial Engineering*, **2010**, 59, 387-397	6.4	76
62	An extension of fuzzy TOPSIS for a group decision making with an application to tehran stock exchange. *Applied Soft Computing Journal*, **2017**, 52, 1084-1097	7.5	75
61	An ideal-seeking fuzzy data envelopment analysis framework. *Applied Soft Computing Journal*, **2010** , 10, 1062-1070	7.5	75
60	A flexible cross-efficiency fuzzy data envelopment analysis model for sustainable sourcing. *Journal of Cleaner Production*, **2017**, 142, 2761-2779	10.3	59
59	A common-weights DEA model for centralized resource reduction and target setting. *Computers and Industrial Engineering*, **2015**, 79, 195-203	6.4	51
58	Frontier-based performance analysis models for supply chain management: State of the art and research directions. *Computers and Industrial Engineering*, **2013**, 66, 567-583	6.4	43
57	Chance-constrained DEA models with random fuzzy inputs and outputs. *Knowledge-Based Systems*, **2013**, 52, 32-52	7.3	39
56	Fuzzy stochastic data envelopment analysis with application to base realignment and closure (BRAC). *Expert Systems With Applications*, **2012**, 39, 12247-12259	7.8	39
55	The State of the Art in Fuzzy Data Envelopment Analysis. *Studies in Fuzziness and Soft Computing*, **2014**, 1-45	0.7	39
54	Dual-role factors for imprecise data envelopment analysis. *Omega*, **2018**, 77, 15-31	7.2	37
53	Interval data without sign restrictions in DEA. *Applied Mathematical Modelling*, **2014**, 38, 2028-2036	4.5	37
52	Fuzzy efficiency measures in data envelopment analysis using lexicographic multiobjective approach. *Computers and Industrial Engineering*, **2017**, 105, 362-376	6.4	35
51	An overall profit Malmquist productivity index with fuzzy and interval data. *Mathematical and Computer Modelling*, **2011**, 54, 2827-2838		35

50	An extension of the linear programming method with fuzzy parameters. *International Journal of Mathematics in Operational Research*, **2011**, 3, 44	0.8	34
49	A fuzzy decision support system for credit scoring. *Neural Computing and Applications*, **2018**, 29, 921-937	4.8	32
48	Carbon efficiency evaluation: An analytical framework using fuzzy DEA. *European Journal of Operational Research*, **2016**, 253, 428-440	5.6	29
47	A fully fuzzified data envelopment analysis model. *International Journal of Information and Decision Sciences*, **2011**, 3, 252	0.8	27
46	An Application of Fuzzy Numbers Ranking in Performance Analysis. *Journal of Applied Sciences*, **2009**, 9, 1770-1775	0.3	27
45	A fuzzy expected value approach under generalized data envelopment analysis. *Knowledge-Based Systems*, **2015**, 89, 148-159	7.3	25
44	A new chance-constrained DEA model with birandom input and output data. *Journal of the Operational Research Society*, **2014**, 65, 1824-1839	2	25
43	An extended multiple criteria data envelopment analysis model. *Expert Systems With Applications*, **2017**, 73, 201-219	7.8	23
42	Efficiency evaluation in two-stage data envelopment analysis under a fuzzy environment: A common-weights approach. *Applied Soft Computing Journal*, **2018**, 72, 156-165	7.5	23
41	A common set of weight approach using an ideal decision making unit in data envelopment analysis. *Journal of Industrial and Management Optimization*, **2012**, 8, 623-637	2	23
40	An extended compromise ratio method for fuzzy group multi-attribute decision making with SWOT analysis. *Applied Soft Computing Journal*, **2013**, 13, 3459-3472	7.5	22
39	Efficiency measurement in fuzzy additive data envelopment analysis. *International Journal of Industrial and Systems Engineering*, **2012**, 10, 1	0.4	22
38	Positive and normative use of fuzzy DEA-BCC models: A critical view on NATO enlargement. *International Transactions in Operational Research*, **2013**, 20, 411-433	2.9	21
37	General and multiplicative non-parametric corporate performance models with interval ratio data. *Applied Mathematical Modelling*, **2012**, 36, 5506-5514	4.5	19
36	Data Envelopment Analysis with Fuzzy Parameters. *International Journal of Operations Research and Information Systems*, **2011**, 2, 39-53	0.8	19
35	Data envelopment analysis models with ratio data: A revisit. *Computers and Industrial Engineering*, **2019**, 133, 331-338	6.4	18
34	A group AHP-TOPSIS framework for human spaceflight mission planning at NASA. *Expert Systems With Applications*, **2011**,	7.8	18
33	Consistent and robust ranking in imprecise data envelopment analysis under perturbations of random subsets of data. *OR Spectrum*, **2014**, 36, 133-160	1.9	17

32	A FUZZY DATA ENVELOPMENT ANALYSIS FOR CLUSTERING OPERATING UNITS WITH IMPRECISE DATA. *International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems*, **2013**, 21, 29-54	0.8	14
31	A Two-Fold Linear Programming Model with Fuzzy Data. *International Journal of Fuzzy System Applications*, **2012**, 2, 1-12	0.6	14
30	The role of multiplier bounds in fuzzy data envelopment analysis. *Annals of Operations Research*, **2017**, 250, 249-276	3.2	13
29	A Bounded Data Envelopment Analysis Model in a Fuzzy Environment with an Application to Safety in the Semiconductor Industry. *Journal of Optimization Theory and Applications*, **2015**, 164, 679-701	1.6	13
28	Productivity Growth and Efficiency Measurements in Fuzzy Environments with an Application to Health Care. *International Journal of Fuzzy System Applications*, **2012**, 2, 1-35	0.6	13
27	Optimal control and simulation for production planning of network failure-prone manufacturing systems with perishable goods. *Computers and Industrial Engineering*, **2020**, 146, 106614	6.4	11
26	Measurement of returns-to-scale using interval data envelopment analysis models. *Computers and Industrial Engineering*, **2018**, 117, 94-107	6.4	11
25	Benchmarking with network dea in a fuzzy environment. *RAIRO - Operations Research*, **2019**, 53, 687-703	2.2	10
24	A stepwise fuzzy linear programming model with possibility and necessity relations. *Journal of Intelligent and Fuzzy Systems*, **2013**, 25, 81-93	1.6	10
23	A fuzzy linear programming model with fuzzy parameters and decision variables. *International Journal of Information and Decision Sciences*, **2015**, 7, 312	0.8	10
22	A data envelopment analysis model with discretionary and non-discretionary factors in fuzzy environments. *International Journal of Productivity and Quality Management*, **2011**, 8, 45	0.3	10
21	An inverse optimization model for imprecise data envelopment analysis. *Optimization*, **2015**, 64, 2441-2454	1.4	9
20	Measuring performance with common weights: network DEA. *Neural Computing and Applications*, **2020**, 32, 3599-3617	4.8	8
19	A modified super-efficiency in the range directional model. *Computers and Industrial Engineering*, **2018**, 120, 442-449	6.4	7
18	Efficiency analysis in two-stage structures using fuzzy data envelopment analysis. *Central European Journal of Operations Research*, **2018**, 26, 909-932	2.2	7
17	Modeling Centralized Resources Allocation and Target Setting in Imprecise Data Envelopment Analysis. *International Journal of Information Technology and Decision Making*, **2015**, 14, 1189-1213	2.8	7
16	An interval efficiency analysis with dual-role factors. *OR Spectrum*, **2021**, 43, 255-287	1.9	7
15	A comment on a new super-efficiency model in the presence of negative data. *Journal of the Operational Research Society*, **2016**, 67, 530-534	2	6

14	Extended symmetric and asymmetric weight assignment methods in data envelopment analysis. *Computers and Industrial Engineering*, **2015**, 87, 621-631	6.4	6
13	Dual frontiers without convexity. *Computers and Industrial Engineering*, **2016**, 101, 466-478	6.4	6
12	Chance-constrained cost efficiency in data envelopment analysis model with random inputs and outputs. *Operational Research*, **2020**, 20, 1863-1898	1.6	6
11	Selecting data envelopment analysis models: A data-driven application to EU countries. *Omega*, **2021**, 101, 102248	7.2	5
10	A strategy-based framework for supplier selection: a grey PCA-DEA approach. *Operational Research* , **2020**, 1	1.6	4
9	A fuzzy group linear programming technique for multidimentional analysis of preference. *Journal of Intelligent and Fuzzy Systems*, **2013**, 25, 723-735	1.6	4
8	Robustness of Farrell cost efficiency measurement under data perturbations: Evidence from a US manufacturing application. *European Journal of Operational Research*, **2021**,	5.6	4
7	Overlapping coalition formation in game theory: A state-of-the-art review. *Expert Systems With Applications*, **2021**, 174, 114752	7.8	4
6	Data envelopment analysis: an efficient duo linear programming approach. *International Journal of Productivity and Quality Management*, **2011**, 7, 90	0.3	3
5	Data Envelopment Analysis with Fuzzy Parameters94-108		2
4	Differential game approach to pricing and advertising decisions. *Operations Research Letters*, **2021**, 49, 688-695	1	2
3	An extension of LINMAP method for group decision making under fuzzy environment **2013**,		1
2	An emergency medical services system design using mathematical modelling and simulation-based optimization approaches. *Decision Analytics Journal*, **2022**, 100059		1
1	Extending a fuzzy network data envelopment analysis model to measure maturity levels of a performance based-budgeting system: A case study. *Expert Systems With Applications*, **2022**, 200, 116884	7.8	0