

Sohrab Kordrostami

List of Publications by Year in descending order

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papers

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623188

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62
all docs

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docs citations

62
times ranked

462
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-stage network structures with undesirable outputs: A DEA based approach. Measurement: Journal of the International Measurement Confederation, 2014, 48, 109-118.	2.5	106
2	Allocating fixed costs and target setting: A dea-based approach. Applied Mathematics and Computation, 2005, 171, 136-151.	1.4	71
3	A Euclidean distance-based measure of efficiency in data envelopment analysis. Optimization, 2010, 59, 985-996.	1.0	69
4	Slacks-based measures of efficiency in imprecise data envelopment analysis: An approach based on data envelopment analysis with double frontiers. Computers and Industrial Engineering, 2015, 79, 42-51.	3.4	39
5	Modeling undesirable factors in data envelopment analysis. Applied Mathematics and Computation, 2006, 180, 444-452.	1.4	34
6	Un-desirable factors in multi-component performance measurement. Applied Mathematics and Computation, 2005, 171, 721-729.	1.4	28
7	Ranking of decision making units in data envelopment analysis: A distance-based approach. Applied Mathematics and Computation, 2005, 171, 122-135.	1.4	27
8	Inputs and outputs classification in integer-valued data envelopment analysis. Measurement: Journal of the International Measurement Confederation, 2019, 139, 317-325.	2.5	24
9	Production planning in data envelopment analysis. International Journal of Production Economics, 2012, 140, 212-218.	5.1	23
10	Context-based competition strategy and performance analysis with fixed-sum outputs: an application to banking sector. Journal of the Operational Research Society, 2017, 68, 1461-1469.	2.1	22
11	Variables reduction in data envelopment analysis. Optimization, 2014, 63, 735-745.	1.0	20
12	Efficient surfaces and an efficiency index in DEA: a constant returns to scale. Applied Mathematics and Computation, 2005, 163, 683-691.	1.4	19
13	Additive models for network data envelopment analysis in the presence of shared resources. Transportation Research, Part D: Transport and Environment, 2016, 48, 411-424.	3.2	18
14	DEA-like models for multi-component performance measurement. Applied Mathematics and Computation, 2005, 163, 735-743.	1.4	15
15	Multi-component efficiency measurement with imprecise data. Applied Mathematics and Computation, 2005, 162, 1265-1277.	1.4	15
16	A distance-based measure of super efficiency in data envelopment analysis: an application to gas companies. Journal of Global Optimization, 2012, 54, 117-128.	1.1	15
17	Two-stage additive integer-valued data envelopment analysis models. Journal of Modelling in Management, 2019, 14, 199-213.	1.1	15
18	An improvement to the cost efficiency interval: A DEA-based approach. Applied Mathematics and Computation, 2006, 181, 775-781.	1.4	14

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19	Production planning: a DEA-based approach. International Journal of Advanced Manufacturing Technology, 2011, 56, 369-376.	1.5	14
20	An alternative clustering approach: a DEA-based procedure. Optimization, 2013, 62, 227-240.	1.0	12
21	Supply chains performance with undesirable factors and reverse flows: A DEA-based approach. Journal of the Operational Research Society, 2019, 70, 125-135.	2.1	12
22	Measuring the efficiency of two-stage network processes: A satisficing DEA approach. Journal of the Operational Research Society, 2021, 72, 354-366.	2.1	12
23	Sustainability assessment using a fuzzy DEA aggregation approach: a healthcare application. Soft Computing, 2021, 25, 10829-10849.	2.1	12
24	Multi-period efficiency analysis in data envelopment analysis. International Journal of Mathematics in Operational Research, 2010, 2, 113.	0.1	11
25	Generating strong defining hyperplanes of the production possibility set in data envelopment analysis. Applied Mathematics Letters, 2012, 25, 605-609.	1.5	11
26	Production planning in data envelopment analysis without explicit inputs. RAIRO - Operations Research, 2013, 47, 273-284.	1.0	8
27	Increasing the discrimination power of data envelopment analysis. International Journal of Operational Research, 2014, 19, 198.	0.1	7
28	Fuzzy integer-valued data envelopment analysis. RAIRO - Operations Research, 2018, 52, 1429-1444.	1.0	7
29	Data envelopment analysis with common weights: the weight restriction approach. Mathematical Sciences, 2018, 12, 197-203.	1.0	7
30	Performance analysis of sustainable supply networks with bounded, discrete, and joint factors. Environment, Development and Sustainability, 2022, 24, 238-270.	2.7	7
31	DETERMINING AN EQUITABLE ALLOCATION OF NEW INPUT AND OUTPUT USING DATA ENVELOPMENT ANALYSIS. Journal of the Operations Research Society of Japan, 2003, 46, 66-73.	0.3	6
32	On the generating function $e^{xt+y\dot{i}\cdot(t)}$ and its fractional calculus. Open Physics, 2013, 11, .	0.8	6
33	Double Frontier Two-Stage Fuzzy Data Envelopment Analysis. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2020, 28, 117-152.	0.9	6
34	Performance measurement in data envelopment analysis without slacks: an application to electricity distribution companies. RAIRO - Operations Research, 2018, 52, 1069-1085.	1.0	5
35	Alternative Trade-Offs in Data Envelopment Analysis: An Application to Hydropower Plants. Mathematical Problems in Engineering, 2016, 2016, 1-8.	0.6	4
36	Optimal scale sizes in input-output allocative data envelopment analysis models. Annals of Operations Research, 2022, 315, 1455-1476.	2.6	4

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37	Recyclable outputs in production process: a data envelopment analysis approach. International Journal of Operational Research, 2013, 18, 62.	0.1	3
38	Data envelopment analysis with discrete-valued inputs and outputs. Expert Systems, 2014, 31, 335-342.	2.9	3
39	Performance analysis in a stochastic supply chain with reverse flows: a DEA-based approach. IMA Journal of Management Mathematics, 0, , .	1.1	3
40	Sustainability Assessment and Most Productive Scale Size: a Stochastic DEA Approach with Dual Frontiers. Environmental Modeling and Assessment, 2021, 26, 723-735.	1.2	3
41	Data envelopment analysis with selective convexity and integer-valued factors. Applied Mathematics and Computation, 2007, 188, 734-738.	1.4	2
42	Evaluating the efficiency of a two-stage network structure with the use of fractional programming. Discrete Mathematics, Algorithms and Applications, 2017, 09, 1750034.	0.4	2
43	Cost Efficiency Measurement in Data Envelopment Analysis with Dynamic Network Structures: A Relational Model. Asia-Pacific Journal of Operational Research, 2017, 34, 1750023.	0.9	2
44	Performance and competition analysis with fixed-sum measures : A case on OPEC members. Journal of Information and Optimization Sciences, 2021, 42, 669-687.	0.2	2
45	Prioritization method for frontier DMUs: a distance-based approach. Journal of Applied Mathematics, 2004, 2004, 395-407.	0.4	1
46	Russell-graph measure and super efficiency in data envelopment analysis. International Journal of Mathematics in Operational Research, 2013, 5, 406.	0.1	1
47	Efficiency decomposition in parallel production systems with shared sources on interval data: An illustration of Iranian Banks. International Journal of Biomathematics, 2014, 07, 1450059.	1.5	1
48	Data envelopment analysis with integer-valued factors in a fuzzy environment. , 2015, , .		1
49	Restricted variation in data envelopment analysis with undesirable factors in nature. International Journal of Biomathematics, 2015, 08, 1550034.	1.5	1
50	Multi-dimensional Nondiscretionary Factors in Data Envelopment Analysis: A Slack-Based Measure. Computational Economics, 2016, 48, 211-223.	1.5	1
51	Detecting the multi-period performance and efficiency changes of systems with undesirable outputs. Discrete Mathematics, Algorithms and Applications, 2018, 10, 1850034.	0.4	1
52	Undesirable factors and marginal rates of substitution in Data Envelopment Analysis. Mathematical Sciences, 0, , 1.	1.0	1
53	Closest reference point on the strong efficient frontier in data envelopment analysis. AIMS Mathematics, 2020, 5, 811-827.	0.7	1
54	Prioritization method for frontier DMUs: A slack-based measure. Applied Mathematics and Computation, 2006, 174, 409-418.	1.4	0

#	ARTICLE	IF	CITATIONS
55	Solving a fuzzy shortest path problem with multiple inputs and outputs by using data envelopment analysis. , 2013, , .		0
56	Solution of the space-fractional Benjamin-Ono equation: an operational approach. Rendiconti Del Circolo Matematico Di Palermo, 2017, 66, 471.	0.6	0
57	Efficiency evaluation of multi-period systems with fuzzy and undesirable factors. , 2017, , .		0
58	Measurement of overall performances of decision-making units in the presence of interval data. International Journal of Operational Research, 2017, 28, 429.	0.1	0
59	Group efficiency analysis in decision processes: a data envelopment analysis approach. Croatian Operational Research Review, 2019, 10, 75-88.	0.6	0
60	Cost efficiency analysis in data envelopment analysis framework: An application to sugar industries. Journal of Information and Optimization Sciences, 2021, 42, 1137-1161.	0.2	0
61	A New Estimation of Road Safety Index in Transportation Systems with Fuzzy-DEA Method: A Case Study on Roads of East Azarbaijan Province in Iran. Fuzzy Information and Engineering, 2020, 12, 223-237.	1.0	0