

# Sohrab Kordrostami

## List of Publications by Year in descending order

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61  
papers

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citations

623188

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h-index

580395

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g-index

62  
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62  
docs citations

62  
times ranked

462  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal scale sizes in input-output allocative data envelopment analysis models. <i>Annals of Operations Research</i> , 2022, 315, 1455-1476.	2.6	4
2	Performance analysis of sustainable supply networks with bounded, discrete, and joint factors. <i>Environment, Development and Sustainability</i> , 2022, 24, 238-270.	2.7	7
3	Measuring the efficiency of two-stage network processes: A satisficing DEA approach. <i>Journal of the Operational Research Society</i> , 2021, 72, 354-366.	2.1	12
4	Performance and competition analysis with fixed-sum measures : A case on OPEC members. <i>Journal of Information and Optimization Sciences</i> , 2021, 42, 669-687.	0.2	2
5	Cost efficiency analysis in data envelopment analysis framework: An application to sugar industries. <i>Journal of Information and Optimization Sciences</i> , 2021, 42, 1137-1161.	0.2	0
6	Sustainability assessment using a fuzzy DEA aggregation approach: a healthcare application. <i>Soft Computing</i> , 2021, 25, 10829-10849.	2.1	12
7	Sustainability Assessment and Most Productive Scale Size: a Stochastic DEA Approach with Dual Frontiers. <i>Environmental Modeling and Assessment</i> , 2021, 26, 723-735.	1.2	3
8	Double Frontier Two-Stage Fuzzy Data Envelopment Analysis. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2020, 28, 117-152.	0.9	6
9	Closest reference point on the strong efficient frontier in data envelopment analysis. <i>AIMS Mathematics</i> , 2020, 5, 811-827.	0.7	1
10	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. <i>Fuzzy Information and Engineering</i> , 2020, 12, 223-237.	1.0	0
11	Group efficiency analysis in decision processes: a data envelopment analysis approach. <i>Croatian Operational Research Review</i> , 2019, 10, 75-88.	0.6	0
12	Inputs and outputs classification in integer-valued data envelopment analysis. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 139, 317-325.	2.5	24
13	Two-stage additive integer-valued data envelopment analysis models. <i>Journal of Modelling in Management</i> , 2019, 14, 199-213.	1.1	15
14	Supply chains performance with undesirable factors and reverse flows: A DEA-based approach. <i>Journal of the Operational Research Society</i> , 2019, 70, 125-135.	2.1	12
15	Detecting the multi-period performance and efficiency changes of systems with undesirable outputs. <i>Discrete Mathematics, Algorithms and Applications</i> , 2018, 10, 1850034.	0.4	1
16	Fuzzy integer-valued data envelopment analysis. <i>RAIRO - Operations Research</i> , 2018, 52, 1429-1444.	1.0	7
17	Performance measurement in data envelopment analysis without slacks: an application to electricity distribution companies. <i>RAIRO - Operations Research</i> , 2018, 52, 1069-1085.	1.0	5
18	Data envelopment analysis with common weights: the weight restriction approach. <i>Mathematical Sciences</i> , 2018, 12, 197-203.	1.0	7

#	ARTICLE	IF	CITATIONS
19	Solution of the space-fractional Benjamin-Ono equation: an operational approach. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , 2017, 66, 471.	0.6	0
20	Context-based competition strategy and performance analysis with fixed-sum outputs: an application to banking sector. <i>Journal of the Operational Research Society</i> , 2017, 68, 1461-1469.	2.1	22
21	Evaluating the efficiency of a two-stage network structure with the use of fractional programming. <i>Discrete Mathematics, Algorithms and Applications</i> , 2017, 09, 1750034.	0.4	2
22	Efficiency evaluation of multi-period systems with fuzzy and undesirable factors. , 2017, , .		0
23	Cost Efficiency Measurement in Data Envelopment Analysis with Dynamic Network Structures: A Relational Model. <i>Asia-Pacific Journal of Operational Research</i> , 2017, 34, 1750023.	0.9	2
24	Measurement of overall performances of decision-making units in the presence of interval data. <i>International Journal of Operational Research</i> , 2017, 28, 429.	0.1	0
25	Alternative Trade-Offs in Data Envelopment Analysis: An Application to Hydropower Plants. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-8.	0.6	4
26	Additive models for network data envelopment analysis in the presence of shared resources. <i>Transportation Research, Part D: Transport and Environment</i> , 2016, 48, 411-424.	3.2	18
27	Multi-dimensional Nondiscretionary Factors in Data Envelopment Analysis: A Slack-Based Measure. <i>Computational Economics</i> , 2016, 48, 211-223.	1.5	1
28	Data envelopment analysis with integer-valued factors in a fuzzy environment. , 2015, , .		1
29	Restricted variation in data envelopment analysis with undesirable factors in nature. <i>International Journal of Biomathematics</i> , 2015, 08, 1550034.	1.5	1
30	Slacks-based measures of efficiency in imprecise data envelopment analysis: An approach based on data envelopment analysis with double frontiers. <i>Computers and Industrial Engineering</i> , 2015, 79, 42-51.	3.4	39
31	Increasing the discrimination power of data envelopment analysis. <i>International Journal of Operational Research</i> , 2014, 19, 198.	0.1	7
32	Efficiency decomposition in parallel production systems with shared sources on interval data: An illustration of Iranian Banks. <i>International Journal of Biomathematics</i> , 2014, 07, 1450059.	1.5	1
33	Two-stage network structures with undesirable outputs: A DEA based approach. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 48, 109-118.	2.5	106
34	Data envelopment analysis with discrete-valued inputs and outputs. <i>Expert Systems</i> , 2014, 31, 335-342.	2.9	3
35	Variables reduction in data envelopment analysis. <i>Optimization</i> , 2014, 63, 735-745.	1.0	20
36	Russell-graph measure and super efficiency in data envelopment analysis. <i>International Journal of Mathematics in Operational Research</i> , 2013, 5, 406.	0.1	1

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37	On the generating function $e^{xt+y\tilde{t}}$ and its fractional calculus. <i>Open Physics</i> , 2013, 11, .	0.8	6
38	Recyclable outputs in production process: a data envelopment analysis approach. <i>International Journal of Operational Research</i> , 2013, 18, 62.	0.1	3
39	Solving a fuzzy shortest path problem with multiple inputs and outputs by using data envelopment analysis. , 2013, , .		0
40	Production planning in data envelopment analysis without explicit inputs. <i>RAIRO - Operations Research</i> , 2013, 47, 273-284.	1.0	8
41	An alternative clustering approach: a DEA-based procedure. <i>Optimization</i> , 2013, 62, 227-240.	1.0	12
42	A distance-based measure of super efficiency in data envelopment analysis: an application to gas companies. <i>Journal of Global Optimization</i> , 2012, 54, 117-128.	1.1	15
43	Production planning in data envelopment analysis. <i>International Journal of Production Economics</i> , 2012, 140, 212-218.	5.1	23
44	Generating strong defining hyperplanes of the production possibility set in data envelopment analysis. <i>Applied Mathematics Letters</i> , 2012, 25, 605-609.	1.5	11
45	Production planning: a DEA-based approach. <i>International Journal of Advanced Manufacturing Technology</i> , 2011, 56, 369-376.	1.5	14
46	Multi-period efficiency analysis in data envelopment analysis. <i>International Journal of Mathematics in Operational Research</i> , 2010, 2, 113.	0.1	11
47	A Euclidean distance-based measure of efficiency in data envelopment analysis. <i>Optimization</i> , 2010, 59, 985-996.	1.0	69
48	Data envelopment analysis with selective convexity and integer-valued factors. <i>Applied Mathematics and Computation</i> , 2007, 188, 734-738.	1.4	2
49	Prioritization method for frontier DMUs: A slack-based measure. <i>Applied Mathematics and Computation</i> , 2006, 174, 409-418.	1.4	0
50	Modeling undesirable factors in data envelopment analysis. <i>Applied Mathematics and Computation</i> , 2006, 180, 444-452.	1.4	34
51	An improvement to the cost efficiency interval: A DEA-based approach. <i>Applied Mathematics and Computation</i> , 2006, 181, 775-781.	1.4	14
52	DEA-like models for multi-component performance measurement. <i>Applied Mathematics and Computation</i> , 2005, 163, 735-743.	1.4	15
53	Multi-component efficiency measurement with imprecise data. <i>Applied Mathematics and Computation</i> , 2005, 162, 1265-1277.	1.4	15
54	Efficient surfaces and an efficiency index in DEA: a constant returns to scale. <i>Applied Mathematics and Computation</i> , 2005, 163, 683-691.	1.4	19

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55	Allocating fixed costs and target setting: A dea-based approach. Applied Mathematics and Computation, 2005, 171, 136-151.	1.4	71
56	Ranking of decision making units in data envelopment analysis: A distance-based approach. Applied Mathematics and Computation, 2005, 171, 122-135.	1.4	27
57	Un-desirable factors in multi-component performance measurement. Applied Mathematics and Computation, 2005, 171, 721-729.	1.4	28
58	Prioritization method for frontier DMUs: a distance-based approach. Journal of Applied Mathematics, 2004, 2004, 395-407.	0.4	1
59	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
60	Undesirable factors and marginal rates of substitution in Data Envelopment Analysis. Mathematical Sciences, 0, , 1.	1.0	1
61	Performance analysis in a stochastic supply chain with reverse flows: a DEA-based approach. IMA Journal of Management Mathematics, 0, , .	1.1	3