

Gholam R Amin

List of Publications by Year in descending order

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53
papers

1,465
citations

331670

21
h-index

361022

35
g-index

53
all docs

53
docs citations

53
times ranked

683
citing authors

#	ARTICLE	IF	CITATIONS
1	Finding the most efficient DMUs in DEA: An improved integrated model. Computers and Industrial Engineering, 2007, 52, 71-77.	6.3	101
2	An Assurance Interval for the Non-Archimedean Epsilon in DEA Models. Operations Research, 2000, 48, 344-347.	1.9	79
3	A polynomial-time algorithm for finding $\hat{\mu}$ in DEA models. Computers and Operations Research, 2004, 31, 803-805.	4.0	77
4	A novel inverse DEA model with application to allocate the CO ₂ emissions quota to different regions in Chinese manufacturing industries. Journal of the Operational Research Society, 2019, 70, 1079-1090.	3.4	76
5	An extended minimax disparity to determine the OWA operator weights. Computers and Industrial Engineering, 2006, 50, 312-316.	6.3	75
6	Improving minimax disparity model to determine the OWA operator weights. Information Sciences, 2010, 180, 1477-1485.	6.9	75
7	Minimizing greenhouse gas emissions using inverse DEA with an application in oil and gas. Expert Systems With Applications, 2019, 122, 369-375.	7.6	66
8	Maximum appreciative cross-efficiency in DEA: A new ranking method. Computers and Industrial Engineering, 2015, 81, 14-21.	6.3	63
9	An improved MCDM DEA model for technology selection. International Journal of Production Research, 2006, 44, 2681-2686.	7.5	57
10	Modelling generalized firms' restructuring using inverse DEA. Journal of Productivity Analysis, 2017, 48, 51-61.	1.6	52
11	Cross-efficiency in DEA: A maximum resonated appreciative model. Measurement: Journal of the International Measurement Confederation, 2015, 63, 159-167.	5.0	51
12	A combined goal programming and inverse DEA method for target setting in mergers. Expert Systems With Applications, 2019, 115, 412-417.	7.6	47
13	Comments on finding the most efficient DMUs in DEA: An improved integrated model. Computers and Industrial Engineering, 2009, 56, 1701-1702.	6.3	43
14	Minor and major consolidations in inverse DEA: Definition and determination. Computers and Industrial Engineering, 2017, 103, 193-200.	6.3	43
15	On the boundedness of the SORM DEA models with negative data. European Journal of Operational Research, 2010, 206, 265-268.	5.7	35
16	A modified Semi-Oriented Radial Measure for target setting with negative data. Measurement: Journal of the International Measurement Confederation, 2014, 54, 152-158.	5.0	34
17	A new inverse DEA cost efficiency model for estimating potential merger gains: a case of Canadian banks. Annals of Operations Research, 2020, 295, 21-36.	4.1	32
18	Cricket team selection using data envelopment analysis. European Journal of Sport Science, 2014, 14, S369-76.	2.7	28

#	ARTICLE	IF	CITATIONS
19	Optimizing search engines results using linear programming. Expert Systems With Applications, 2011, 38, 11534-11537.	7.6	26
20	Some clarifications on the DEA clustering approach. European Journal of Operational Research, 2011, 215, 498-501.	5.7	25
21	Gangless cross-evaluation in DEA: an application to stock selection. RAIRO - Operations Research, 2019, 53, 645-655.	1.8	23
22	Improving DEA cross-efficiency optimization in portfolio selection. Expert Systems With Applications, 2021, 168, 114280.	7.6	23
23	Notes on properties of the OWA weights determination model. Computers and Industrial Engineering, 2007, 52, 533-538.	6.3	22
24	Application of Optimistic and Pessimistic OWA and DEA Methods in Stock Selection. International Journal of Intelligent Systems, 2016, 31, 1220-1233.	5.7	20
25	Parametric aggregation in ordered weighted averaging. International Journal of Approximate Reasoning, 2011, 52, 819-827.	3.3	19
26	Modelling stock selection using ordered weighted averaging operator. International Journal of Intelligent Systems, 2018, 33, 2283-2292.	5.7	17
27	A two-stage inverse data envelopment analysis approach for estimating potential merger gains in the US banking sector. Managerial and Decision Economics, 2021, 42, 1454-1465.	2.5	17
28	Application of prioritized aggregation operators in preference voting. International Journal of Intelligent Systems, 2010, 25, 1027-1034.	5.7	16
29	Prioritization of textile fabric defects using ordered weighted averaging operator. International Journal of Advanced Manufacturing Technology, 2015, 76, 745-752.	3.0	16
30	A combined OWA-DEA method for dispatching rule selection. Computers and Industrial Engineering, 2015, 88, 470-478.	6.3	16
31	Measuring batting parameters in cricket: A two-stage regression-OWA method. Measurement: Journal of the International Measurement Confederation, 2014, 53, 56-61.	5.0	15
32	New data envelopment analysis models for classifying flexible measures: The role of non-Archimedean epsilon. European Journal of Operational Research, 2021, 292, 1037-1050.	5.7	15
33	Flexible target setting in mergers using inverse data envelopment analysis. International Journal of Operational Research, 2019, 35, 301.	0.2	15
34	Optimal solution of technology selection model: a computational efficient form. International Journal of Advanced Manufacturing Technology, 2009, 43, 1046-1050.	3.0	14
35	A new DEA model for technology selection in the presence of ordinal data. International Journal of Advanced Manufacturing Technology, 2013, 65, 1567-1572.	3.0	13
36	A minimax linear programming model for dispatching rule selection. Computers and Industrial Engineering, 2018, 121, 27-35.	6.3	13

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37	Modeling business partnerships: A data envelopment analysis approach. <i>European Journal of Operational Research</i> , 2023, 305, 329-337.	5.7	13
38	Measuring global prosperity using data envelopment analysis and OWA operator. <i>International Journal of Intelligent Systems</i> , 2019, 34, 2713-2738.	5.7	12
39	Peer-judgment risk minimization using DEA cross-evaluation with an application in fishery. <i>Annals of Operations Research</i> , 2019, 274, 39-55.	4.1	11
40	A note on DEA models in technology selection: an improvement of Karsak and Ahiska's approach. <i>International Journal of Production Research</i> , 2007, 45, 2313-2316.	7.5	10
41	A maximum discrimination DEA method for ranking association rules in data mining. <i>International Journal of Computer Mathematics</i> , 2011, 88, 2233-2245.	1.8	10
42	An efficient DEA method for ranking woven fabric defects in textile manufacturing. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 68, 349-354.	3.0	10
43	Inverse forecasting: A new approach for predictive modeling. <i>Computers and Industrial Engineering</i> , 2007, 53, 491-498.	6.3	8
44	A note on "an improved MCDM DEA model for technology selection". <i>International Journal of Production Research</i> , 2008, 46, 7073-7075.	7.5	8
45	Metasearch information fusion using linear programming. <i>RAIRO - Operations Research</i> , 2012, 46, 289-303.	1.8	8
46	A new inverse data envelopment analysis model for mergers with negative data. <i>IMA Journal of Management Mathematics</i> , 0, , dpw016.	1.6	7
47	Document Similarity: A New Measure Using OWA. , 2009, , .		3
48	Input and output scaling in advanced manufacturing technology: theory and application. <i>International Journal of Advanced Manufacturing Technology</i> , 2010, 50, 1235-1241.	3.0	2
49	A ratio-based method for ranking production units in profit efficiency measurement. <i>Mathematical Sciences</i> , 2016, 10, 211-217.	1.7	2
50	Comment on "The general form of 0-1 programming problem based on DNA computing, by Yin ZhiXiang et al.". <i>BioSystems</i> , 2005, 82, 197.	2.0	1
51	Determining More Realistic OWA Weights. , 2009, , .		1
52	Metasearch aggregation using linear programming and neural networks. <i>International Journal of Operational Research</i> , 2018, 33, 351.	0.2	0
53	Audit Risk Evaluation Using Data Envelopment Analysis with Ordinal Data. <i>Abacus</i> , 0, , .	1.9	0