Abdollah Hadi-Vencheh

List of Publications by Year
in descending order

84 papers	1,941 citations	257101 24 h-index	301761 39 g-index
85 all docs	85 docs citations	85 times ranked	1368 citing authors

#	Article	IF	Citations
1	Ranking the Alternatives With a Modified TOPSIS Method in Multiple Attribute Decision Making Problems. IEEE Transactions on Engineering Management, 2022, 69, 1800-1805.	2.4	27
2	Bank efficiency estimation in China: DEA-RENNA approach. Annals of Operations Research, 2022, 315, 1373-1398.	2.6	33
3	An Improved Fuzzy TOPSIS Method with a New Ranking Index. International Journal of Information Technology and Decision Making, 2022, 21, 615-641.	2.3	9
4	Restricting the relative weights in data envelopment analysis. International Journal of Finance and Economics, 2021, 26, 4127-4136.	1.9	1
5	A linear programming technique to solve fuzzy multiple criteria decision making problems with an application. RAIRO - Operations Research, 2021, 55, 83-97.	1.0	5
6	Air Pollution Assessment in China: A Novel Group Multiple Criteria Decision Making Model under Uncertain Information. Sustainability, 2021, 13, 1686.	1.6	5
7	Undesirable factors in stochastic DEA cross-efficiency evaluation: An application to thermal power plant energy efficiency. Economic Analysis and Policy, 2021, 69, 613-628.	3.2	24
8	The revised extent analysis method. Concurrency Computation Practice and Experience, 2021, 33, e6319.	1.4	1
9	Longitudinal bibliometric analysis applied to home care services. Computer Methods and Programs in Biomedicine, 2021, 205, 106108.	2.6	3
10	Eco-innovation analysis: A data envelopment analysis methodology. Environmental Technology and Innovation, 2021, 23, 101770.	3.0	6
11	Hotel Performance in the UK: The Role of Information Entropy in a Novel Slack-Based Data Envelopment Analysis. Entropy, 2021, 23, 184.	1.1	5
12	Revisiting the approximated weight extraction methods in fuzzy analyticÂhierarchy process. International Journal of Intelligent Systems, 2021, 36, 1644-1667.	3.3	14
13	An effective hybrid goal programming approach for multi-objective straight assembly line balancing problem with stochastic parameters. Operational Research, 2020, 20, 1939-1976.	1.3	3
14	Sustainability of Chinese airlines: A modified slackâ€based measure model for CO_2 emissions. Expert Systems, 2020, 37, e12302.	2.9	15
15	The multiobjective stochastic CRITICâ€"TOPSIS approach for solving the shipboard crane selection problem. International Journal of Intelligent Systems, 2020, 35, 1570-1598.	3.3	27
16	Sustainable resource management in a supply chain: a methodological proposal combining zero-inflated fuzzy time series and clustering techniques. Journal of Enterprise Information Management, 2020, 33, 1059-1076.	4.4	12
17	What Does Cost Structure Have to Say about Thermal Plant Energy Efficiency? The Case from Angola. Energies, 2020, 13, 2404.	1.6	4
18	A New Index for TOPSIS based on Relative Distance to Best and Worst Points. International Journal of Information Technology and Decision Making, 2020, 19, 695-719.	2.3	10

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19	An integrated group FWA-ELECTRE III approach based on interval type-2 fuzzy sets for solving the MCDM problems using limit distance mean. Complex & Intelligent Systems, 2020, 6, 355-389.	4.0	20
20	Business environment drivers and technical efficiency in the Chinese energy industry: A robust Bayesian stochastic frontier analysis. Computers and Industrial Engineering, 2020, 144, 106487.	3.4	20
21	An Interval Based Score Method for Multiple Criteria Decision Making Problems. International Journal of Information Technology and Decision Making, 2019, 18, 1667-1687.	2.3	5
22	A simple mathematical programming model for countries' credit ranking problem. International Journal of Finance and Economics, 2019, 24, 449-460.	1.9	6
23	An Improvement to Determining Expert Weights in Group Multiple Attribute Decision Making Problem. Group Decision and Negotiation, 2018, 27, 215-221.	2.0	19
24	A DDF based model for efficiency evaluation in two-stage DEA. Optimization Letters, 2018, 12, 1029-1044.	0.9	10
25	Selecting Six Sigma project: a comparative study of DEA and LDA techniques. International Journal of Lean Six Sigma, 2018, 9, 506-522.	2.4	15
26	Optimization Approaches for Core Mapping on Networks on Chip. IETE Journal of Research, 2018, 64, 394-405.	1.8	12
27	Group multiple criteria ABC inventory classification using TOPSIS approach extended by Gaussian interval type-2 fuzzy sets and optimization programs. Scientia Iranica, 2018, .	0.3	4
28	An extension principle based solution approach for shortest path problem with fuzzy arc lengths. Operational Research, 2017, 17, 395-411.	1.3	19
29	Fuzzy inference systems and inventory allocation decisions: Exploring the impact of priority rules on total costs and service levels. Expert Systems With Applications, 2017, 85, 182-193.	4.4	21
30	Fuzzy-based mapping algorithms to design networks-on-chip. Journal of Intelligent and Fuzzy Systems, 2016, 31, 27-43.	0.8	15
31	Predicting performance in ASEAN banks: an integrated fuzzy MCDM–neural network approach. Expert Systems, 2016, 33, 213-229.	2.9	52
32	Hybrid greedy algorithms for fuzzy tardiness/earliness minimisation in a special single machine scheduling problem: case study and generalisation. International Journal of Computer Integrated Manufacturing, 2016, 29, 870-888.	2.9	16
33	Selecting Six Sigma projects: MCDM or DEA?. Journal of Modelling in Management, 2016, 11, 309-325.	1.1	32
34	An unsupervised fuzzy clustering approach to the capacitated vehicle routing problem. Neural Computing and Applications, 2016, 27, 857-867.	3.2	30
35	Designing Statistical Test for Mean of Random Profiles. Industrial Engineering and Management Systems, 2016, 15, 432-445.	0.3	0
36	A new hybrid fuzzy multi-criteria decision making model for solving the material handling equipment selection problem. International Journal of Computer Integrated Manufacturing, 2015, 28, 534-550.	2.9	32

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37	An inverse optimization model for imprecise data envelopment analysis. Optimization, 2015, 64, 2441-2454.	1.0	23
38	A new method for complete ranking of DMUs. Optimization, 2015, 64, 1177-1193.	1.0	12
39	The slack-based measure model based on supporting hyperplanes of production possibility set. Expert Systems With Applications, 2015, 42, 6522-6529.	4.4	14
40	OPAIC: An optimization technique to improve energy consumption and performance in application specific network on chips. Measurement: Journal of the International Measurement Confederation, 2015, 74, 208-220.	2.5	11
41	Modified migrating birds optimization algorithm for closed loop layout with exact distances in flexible manufacturing systems. Expert Systems With Applications, 2015, 42, 6586-6597.	4.4	65
42	The allocation of sub-decision making units to parallel fuzzy network systems. Kybernetes, 2014, 43, 1079-1097.	1.2	7
43	Fuzzy inferior ratio method for multiple attribute decision making problems. Information Sciences, 2014, 277, 263-272.	4.0	126
44	On the input/output reduction in efficiency measurement. Measurement: Journal of the International Measurement Confederation, 2014, 50, 244-249.	2.5	7
45	Two effective total ranking models for preference voting and aggregation. Mathematical Sciences, 2014, 8, 1.	1.0	7
46	A non-radial model for evaluating multiperiod aggregative efficiency. , 2014, , .		0
47	A fuzzy linear programming model for risk evaluation in failure mode and effects analysis. Neural Computing and Applications, 2013, 22, 1105-1113.	3.2	13
48	A super-efficiency model for measuring aggregative efficiency of multi-period production systems. Measurement: Journal of the International Measurement Confederation, 2013, 46, 3988-3993.	2.5	19
49	An integrated AHPâ€"NLP methodology for facility layout design. Journal of Manufacturing Systems, 2013, 32, 40-45.	7.6	59
50	A new super-efficiency model in the presence of negative data. Journal of the Operational Research Society, 2013, 64, 396-401.	2.1	26
51	A new fuzzy TOPSIS method based on left and right scores: An application for determining an industrial zone for dairy products factory. Applied Soft Computing Journal, 2012, 12, 2496-2505.	4.1	58
52	An integrated synthetic value of fuzzy judgments and nonlinear programming methodology for ranking the facility layout patterns. Computers and Industrial Engineering, 2012, 62, 342-348.	3.4	23
53	An improved voting analytic hierarchy processâ€"data envelopment analysis methodology for suppliers selection. International Journal of Computer Integrated Manufacturing, 2011, 24, 189-197.	2.9	43
54	Seclusion-Factor Method to Solve Fuzzy-Multiple Criteria Decision-Making Problems. IEEE Transactions on Fuzzy Systems, 2011, 19, 201-209.	6.5	21

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55	A new nonlinear model for multiple criteria supplier-selection problem. International Journal of Computer Integrated Manufacturing, 2011, 24, 32-39.	2.9	18
56	An application of IDEA to wheat farming efficiency. Agricultural Economics (United Kingdom), 2011, 42, 487-493.	2.0	9
57	A new approach for solving fuzzy critical path problem using analysis of events. Expert Systems With Applications, 2011, 38, 87-93.	4.4	26
58	Determining the ordering policies of inventory items in class B using Ifâ€"Then rules base. Expert Systems With Applications, 2011, 38, 3891-3901.	4.4	10
59	A fuzzy AHP-DEA approach for multiple criteria ABC inventory classification. Expert Systems With Applications, 2011, 38, 3346-3352.	4.4	111
60	A new fuzzy MCDM approach based on centroid of fuzzy numbers. Expert Systems With Applications, 2011, 38, 5226-5230.	4.4	27
61	An improvement to multiple criteria ABC inventory classification. European Journal of Operational Research, 2010, 201, 962-965.	3.5	145
62	An integrated group decision making model and its evaluation by DEA for automobile industry. Expert Systems With Applications, 2010, 37, 8543-8556.	4.4	55
63	On the relation between a fuzzy number and its centroid. Computers and Mathematics With Applications, 2010, 59, 3578-3582.	1.4	21
64	Combination of non-classical pseudospectral and direct methods for the solution of brachistochrone problem. International Journal of Computer Mathematics, 2010, 87, 1847-1856.	1.0	8
65	Erratum to â€œA hybrid MCDM model for strategic vendor selectionâ€•[Math. Comput. Modelling 44 (2006) 749â€"761]. Mathematical and Computer Modelling, 2009, 50, 1252.	2.0	1
66	The Chebyshev wavelets operational matrix of integration and product operation matrix. International Journal of Computer Mathematics, 2009, 86, 1118-1125.	1.0	34
67	Three new models for preference voting and aggregation. Journal of the Operational Research Society, 2009, 60, 1036-1037.	2.1	2
68	Comment on â€œInputs/outputs estimation in DEA when some factors are undesirableâ€•[Applied Mathematics and Computation 156 (2004) 19â€"32]. Applied Mathematics and Computation, 2008, 202, 893-894.	1.4	1
69	A DEA model for resource allocation. Economic Modelling, 2008, 25, 983-993.	1.8	81
70	Fair distribution of a common revenue. Journal of Statistics and Management Systems, 2008, 11, 447-456.	0.3	1
71	Fair distribution of a common revenue. Journal of Interdisciplinary Mathematics, 2008, 11, 671-680.	0.4	0
72	INEFFICIENCY EVALUATION WITH AN ADDITIVE DEA MODEL UNDER IMPRECISE DATA, AN APPLICATION ON IAUK DEPARTMENTS. Journal of the Operations Research Society of Japan, 2007, 50, 163-177.	0.3	5

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73	A generalized DEA model for inputs/outputs estimation. Mathematical and Computer Modelling, 2006, 43, 447-457.	2.0	57
74	Solving second kind integral equations with hybrid Fourier and block–pulse functions. Applied Mathematics and Computation, 2005, 160, 517-522.	1.4	25
75	Solving second kind integral equations with Hybrid Chebyshev and Block-Pulse functions. Applied Mathematics and Computation, 2005, 163, 71-77.	1.4	17
76	Undesirable factors in efficiency measurement. Applied Mathematics and Computation, 2005, 163, 547-552.	1.4	64
77	An iterative method for solving dual fuzzy nonlinear equations. Applied Mathematics and Computation, 2005, 167, 316-323.	1.4	39
78	Direct method for solving integro differential equations using hybrid Fourier and block-pulse functions. International Journal of Computer Mathematics, 2005, 82, 889-895.	1.0	14
79	Solving linear integro-differential equation with Legendre wavelets. International Journal of Computer Mathematics, 2004, 81, 719-726.	1.0	24
80	On return to scale of fully efficient DMUs in data envelopment analysis under interval data. Applied Mathematics and Computation, 2004, 154, 31-40.	1.4	12
81	Inputs/outputs estimation in DEA when some factors are undesirable. Applied Mathematics and Computation, 2004, 156, 19-32.	1.4	46
82	On FDH efficiency analysis with interval data. Applied Mathematics and Computation, 2004, 159, 47-55.	1.4	18
83	Efficiency evaluation with cross-efficiency in the presence of undesirable outputs in stochastic environment. Communications in Statistics - Theory and Methods, 0, , 1-25.	0.6	0
84	Solving fully fuzzy multiple objective linear programming problems: A new perspective. Journal of Soft Computing and Applications, 0, 2014, 1-4.	0.0	2