Jie Wu

List of Publications by Year
in descending order

73 papers	2,861 citations	201575 27 h-index	189801 50 g-index
74 all docs	74 docs citations	74 times ranked	1579 citing authors

#	Article	IF	Citations
1	Efficiency measures of the Chinese commercial banking system using an additive two-stage DEA. Omega, 2014, 44, 5-20.	3.6	278
2	Alternative secondary goals in DEA cross-efficiency evaluation. International Journal of Production Economics, 2008, 113, 1025-1030.	5.1	240
3	Determination of weights for ultimate cross efficiency using Shannon entropy. Expert Systems With Applications, 2011, 38, 5162-5165.	4.4	231
4	A comprehensive analysis of China's regional energy saving and emission reduction efficiency: From production and treatment perspectives. Energy Policy, 2015, 84, 166-176.	4.2	131
5	DEA cross-efficiency evaluation based on Pareto improvement. European Journal of Operational Research, 2016, 248, 571-579.	3.5	102
6	Cross efficiency evaluation method based on weight-balanced data envelopment analysis model. Computers and Industrial Engineering, 2012, 63, 513-519.	3.4	91
7	Extended secondary goal models for weights selection in DEA cross-efficiency evaluation. Computers and Industrial Engineering, 2016, 93, 143-151.	3.4	87
8	Total-factor energy efficiency evaluation of Chinese industry by using two-stage DEA model with shared inputs. Annals of Operations Research, 2017, 255, 257-276.	2.6	86
9	Performance ranking of units considering ideal and anti-ideal DMU with common weights. Applied Mathematical Modelling, 2013, 37, 6301-6310.	2.2	77
10	Allocation of emission permits using DEA: centralised and individual points of view. International Journal of Production Research, 2014, 52, 419-435.	4.9	77
11	Measuring slacks-based efficiency for commercial banks in China by using a two-stage DEA model with undesirable output. Annals of Operations Research, 2015, 235, 13-35.	2.6	76
12	Entrepreneurial Finance and Innovation: Informal Debt as an Empirical Case. Strategic Entrepreneurship Journal, 2016, 10, 257-273.	2.6	71
13	Eco-design of transportation in sustainable supply chain management: A DEA-like method. Transportation Research, Part D: Transport and Environment, 2016, 48, 451-459.	3.2	71
14	DEA cross-efficiency aggregation method based upon Shannon entropy. International Journal of Production Research, 2012, 50, 6726-6736.	4.9	70
15	Determination of cross-efficiency under the principle of rank priority in cross-evaluation. Expert Systems With Applications, 2009, 36, 4826-4829.	4.4	67
16	Two-Stage Network Structures with Undesirable Intermediate Outputs Reused: A DEA Based Approach. Computational Economics, 2015, 46, 455-477.	1.5	56
17	An SBM-DEA model with parallel computing design for environmental efficiency evaluation in the big data context: a transportation system application. Annals of Operations Research, 2018, 270, 105-124.	2.6	54
18	DEA cross-efficiency evaluation based on satisfaction degree: an application to technology selection. International Journal of Production Research, 2016, 54, 5990-6007.	4.9	48

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19	Measuring environmental efficiency of thermoelectric power plants: a common equilibrium efficient frontier DEA approach with fixed-sum undesirable output. Annals of Operations Research, 2019, 275, 731-749.	2.6	42
20	DEA models for identifying sensitive performance measures in container port evaluation. Maritime Economics and Logistics, 2010, 12, 215-236.	2.0	40
21	Analysis of China's Regional Eco-efficiency: A DEA Two-stage Network Approach with Equitable Efficiency Decomposition. Computational Economics, 2019, 54, 1263-1285.	1.5	34
22	Dynamic pricing with reference price effect and price-matching policy in the presence of strategic consumers. Journal of the Operational Research Society, 2019, 70, 2069-2083.	2.1	32
23	Sustainable trade promotion decisions under demand disruption in manufacturer-retailer supply chains. Annals of Operations Research, 2020, 290, 115-143.	2.6	32
24	Ranking approach of cross-efficiency based on improved TOPSIS technique. Journal of Systems Engineering and Electronics, 2011, 22, 604-608.	1.1	31
25	A multiple criteria ranking method based on game cross-evaluation approach. Annals of Operations Research, 2012, 197, 191-200.	2.6	31
26	Methods and applications of DEA cross-efficiency: Review and future perspectives. Frontiers of Engineering Management, 2021, 8, 199-211.	3.3	31
27	Measuring energy and environmental performance for regions in China by using DEA-based Malmquist indices. Operational Research, 2017, 17, 715-735.	1.3	30
28	Closest target for the orientation-free context-dependent DEA under variable returns to scale. Journal of the Operational Research Society, 2018, 69, 1819-1833.	2.1	30
29	Performance Based Clustering for Benchmarking of Container Ports: An Application of Dea and Cluster Analysis Technique. International Journal of Computational Intelligence Systems, 2010, 3, 709-722.	1.6	29
30	A DEA-based approach for allocation of emission reduction tasks. International Journal of Production Research, 2016, 54, 5618-5633.	4.9	29
31	Using a hybrid heterogeneous DEA method to benchmark China's sustainable urbanization: an empirical study. Annals of Operations Research, 2019, 278, 281-335.	2.6	29
32	Groups in DEA based cross-evaluation: An application to Asian container ports. Maritime Policy and Management, 2009, 36, 545-558.	1.9	27
33	How ownership structure affects bank deposits and loan efficiencies: an empirical analysis of Chinese commercial banks. Annals of Operations Research, 2020, 290, 983-1008.	2.6	27
34	Managing Efficiency in International Tourist Hotels in Taipei using a DEA Model with Non-discretionary Inputs. Asia Pacific Journal of Tourism Research, 2011, 16, 417-432.	1.8	26
35	A mixed-objective integer DEA model. Annals of Operations Research, 2015, 228, 81-95.	2.6	26
36	A DEA-based improvement of China's green development from the perspective of resource reallocation. Science of the Total Environment, 2020, 717, 137106.	3.9	26

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37	A ranking method for DMUs with interval data based on dea cross-efficiency evaluation and TOPSIS. Journal of Systems Science and Systems Engineering, 2013, 22, 191-201.	0.8	23
38	DEA considering technological heterogeneity and intermediate output target setting: the performance analysis of Chinese commercial banks. Annals of Operations Research, 2020, 291, 605-626.	2.6	23
39	Pricing decisions with reference price effect and risk preference customers. International Transactions in Operational Research, 2021, 28, 2081-2109.	1.8	23
40	Energy and environmental efficiency analysis of China's regional transportation sectors: a slack-based DEA approach. Energy Systems, 2017, 8, 747-759.	1.8	22
41	A new DEA common-weight multi-criteria decision-making approach for technology selection. International Journal of Production Research, 2020, 58, 3686-3700.	4.9	21
42	An efficiency analysis of higher education institutions in China from a regional perspective considering the external environmental impact. Scientometrics, 2020, 122, 57-70.	1.6	21
43	Advances in energy and environmental issues in China: theory, models, and applications. Annals of Operations Research, 2015, 228, 1-8.	2.6	20
44	Performance evaluation and enrollment quota allocation for higher education institutions in China. Evaluation and Program Planning, 2020, 81, 101821.	0.9	18
45	Target setting and allocation of carbon emissions abatement based on DEA and closest target: an application to 20 APEC economies. Natural Hazards, 2016, 84, 279-296.	1.6	16
46	The regional green growth and sustainable development of China in the presence of sustainable resources recovered from pollutions. Annals of Operations Research, 2020, 290, 27-45.	2.6	16
47	How does environmental regulation affect environmental performance? A case study of China's regional energy efficiency. Expert Systems, 2020, 37, e12326.	2.9	15
48	An extended aggregated ratio analysis in DEA. Journal of Systems Science and Systems Engineering, 2011, 20, 249-256.	0.8	14
49	The Role of FDI Motives in the Link between Institutional Distance and Subsidiary Ownership Choice by Emerging Market Multinational Enterprises. British Journal of Management, 2022, 33, 1371-1394.	3.3	13
50	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
51	A DEA-based empirical analysis for dynamic performance of China's regional coke production chain. Science of the Total Environment, 2020, 717, 136890.	3.9	12
52	DEA cross-efficiency ranking method considering satisfaction and consensus degree. International Transactions in Operational Research, 2021, 28, 3470-3492.	1.8	12
53	Optimal pricing and ordering decisions with reference effect and quick replenishment policy. International Transactions in Operational Research, 2022, 29, 1188-1219.	1.8	11
54	Refurbished products and supply chain incentives. Annals of Operations Research, 2022, 310, 27-47.	2.6	11

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55	Cross-Efficiency Evaluation of Taiwan's International Tourist Hotels Under Competitive and Cooperative Relationships. Journal of China Tourism Research, 2013, 9, 413-428.	1.2	10
56	Performance Assessment of Hong Kong Hotels. Journal of China Tourism Research, 2017, 13, 123-140.	1.2	8
57	Resource allocation of a parallel system with interaction consideration using a DEA approach: an application to Chinese input–output table. Infor, 2018, 56, 298-316.	0.5	8
58	Cross-efficiency evaluation method based on the conservative point of view. Expert Systems, 2020, 37, e12336.	2.9	8
59	ENVIRONMENTAL EFFICIENCY OF CHINESE PAPER MILLS ALONG HUAI RIVER: A DATA ENVELOPMENT ANALYSIS (DEA) BASED STUDY. Environmental Engineering and Management Journal, 2014, 13, 1101-1109.	0.2	8
60	Measuring and Decomposing Efficiency in International Tourist Hotels in Taipei Using a Multidivision DEA Model. International Journal of Hospitality and Tourism Administration, 2012, 13, 259-280.	1.7	7
61	Coordinated production target setting for production–pollutant control systems: A DEA two-stage bargaining game approach. Journal of the Operational Research Society, 2020, 71, 1216-1232.	2.1	7
62	Strategic role of cause marketing in sustainable supply chain management for dual-channel systems. International Journal of Logistics Research and Applications, 2022, 25, 549-568.	5.6	6
63	Measuring Hotel Performance Using the Game Cross-Efficiency Approach. Journal of China Tourism Research, 2011, 7, 85-103.	1.2	4
64	A DEA model for identifying critical input-output performance measures. Journal of Systems Science and Complexity, 2012, 25, 275-286.	1.6	4
65	Efficiency evaluation with data uncertainty. Annals of Operations Research, 0, , 1.	2.6	4
66	Applying a Peer-Restricted Cross-Efficiency Approach to Measuring the Performance of International Tourist Hotels in Taipei. Journal of Hospitality Marketing and Management, 2014, 23, 157-177.	5.1	3
67	Performance measurement in the parallel interdependent processes systems under decentralized and centralized modes. Journal of the Operational Research Society, 2021, 72, 2442-2459.	2.1	3
68	Optimal pricing strategy for a service provider in the presence of repetitive usage. International Transactions in Operational Research, 2022, 29, 2586-2612.	1.8	3
69	Business analytics: online promotion with gift rewards. Annals of Operations Research, 2020, 291, 1061-1076.	2.6	2
70	Sequential Scaled Sparse Factor Regression. Journal of Business and Economic Statistics, 2022, 40, 595-604.	1.8	1
71	A Modified Super-Efficiency Dea Approach for Solving Multi-Groups Classification Problems. International Journal of Computational Intelligence Systems, 2011, 4, 606-618.	1.6	0
72	Research and Application of a Stochastic Volatility Model with T-distribution Leveraged. , 2014, , .		0

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73	Optimization and Decision Science. Scientific World Journal, The, 2015, 2015, 1-2.	0.8	0