

Joe Zhu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

212
papers

12,830
citations

62
h-index

111
g-index

220
ext. papers

14,639
ext. citations

3.6
avg. IF

7.11
L-index

#	Paper	IF	Citations
212	U.S. airline mergers performance and productivity change. <i>Journal of Air Transport Management</i> , 2022 , 102, 102226	5.1	0
211	Data Envelopment Analysis and Big Data: A Systematic Literature Review with Bibliometric Analysis. <i>Profiles in Operations Research</i> , 2021 , 1-29	1	0
210	Acceleration of Large-Scale DEA Computations Using Random Forest Classification. <i>Profiles in Operations Research</i> , 2021 , 31-49	1	
209	Data science for better productivity. <i>Journal of the Operational Research Society</i> , 2021 , 72, 971-974	2	2
208	Efficiency measurement for hierarchical situations. <i>Journal of the Operational Research Society</i> , 2021 , 72, 654-662	2	4
207	Using Operational and Stock Analytics to Measure Airline Performance: A Network DEA Approach. <i>Decision Sciences</i> , 2021 , 52, 720-748	3.7	13
206	Big data algorithms and applications in intelligent transportation system: A review and bibliometric analysis. <i>International Journal of Production Economics</i> , 2021 , 231, 107868	9.3	50
205	Innovation performance evaluation for high-tech companies using a dynamic network data envelopment analysis approach. <i>European Journal of Operational Research</i> , 2021 , 292, 199-212	5.6	13
204	Shared and unsplitable performance links in network DEA. <i>Annals of Operations Research</i> , 2021 , 303, 507-528	3.2	3
203	DEA Application in Sustainability 1996-2019: The Origins, Development, and Future Directions. <i>Profiles in Operations Research</i> , 2021 , 71-109	1	1
202	Production scale-based two-stage network data envelopment analysis. <i>European Journal of Operational Research</i> , 2021 , 294, 283-294	5.6	5
201	Data science and productivity: A bibliometric review of data science applications and approaches in productivity evaluations. <i>Journal of the Operational Research Society</i> , 2021 , 72, 975-988	2	3
200	A nonparametric framework to detect outliers in estimating production frontiers. <i>European Journal of Operational Research</i> , 2020 , 286, 375-388	5.6	5
199	DEA under big data: data enabled analytics and network data envelopment analysis. <i>Annals of Operations Research</i> , 2020 , 1	3.2	26
198	Balancing Fairness and Efficiency: Performance Evaluation with Disadvantaged Units in Non-homogeneous Environments. <i>European Journal of Operational Research</i> , 2020 , 287, 1003-1013	5.6	4
197	Data Envelopment Analysis and Big Data: Revisit with a Faster Method. <i>Profiles in Operations Research</i> , 2020 , 1-34	1	
196	Evaluating Efficiency in Nonhomogeneous Environments. <i>Profiles in Operations Research</i> , 2020 , 33-52	1	

195	Identification of Congestion in DEA. <i>Profiles in Operations Research</i> , 2020 , 83-119	1	1
194	Modelling Efficiency in Regional Innovation Systems: A Two-Stage Data Envelopment Analysis Problem with Shared Outputs within Groups of Decision-Making Units. <i>European Journal of Operational Research</i> , 2020 , 287, 572-582	5.6	8
193	Additive slacks-based measure: Computational strategy and extension to network DEA. <i>Omega</i> , 2020 , 91, 102022	7.2	15
192	Efficiency measurement with products and partially desirable co-products. <i>Journal of the Operational Research Society</i> , 2020 , 71, 335-345	2	1
191	A conic relaxation model for searching for the global optimum of network data envelopment analysis. <i>European Journal of Operational Research</i> , 2020 , 280, 242-253	5.6	6
190	A survey of data envelopment analysis applications in the insurance industry 1993-2018. <i>European Journal of Operational Research</i> , 2020 , 284, 801-813	5.6	31
189	Measuring efficiency in DEA in the presence of common inputs. <i>Journal of the Operational Research Society</i> , 2020 , 71, 1710-1722	2	4
188	The curse of dimensionality of decision-making units: A simple approach to increase the discriminatory power of data envelopment analysis. <i>European Journal of Operational Research</i> , 2019 , 279, 929-940	5.6	34
187	When to increase firms' sustainable operations for efficiency? A data envelopment analysis in the retailing industry. <i>European Journal of Operational Research</i> , 2019 , 277, 1010-1026	5.6	25
186	Primal-dual correspondence and frontier projections in two-stage network DEA models. <i>Omega</i> , 2019 , 83, 236-248	7.2	34
185	Number of performance measures versus number of decision making units in DEA. <i>Annals of Operations Research</i> , 2019 , 303, 529	3.2	6
184	Computational tractability of chance constrained data envelopment analysis. <i>European Journal of Operational Research</i> , 2019 , 274, 1037-1046	5.6	8
183	Data envelopment analysis and big data. <i>European Journal of Operational Research</i> , 2019 , 274, 1047-1054	5.6	39
182	Scale efficiency in two-stage network DEA. <i>Journal of the Operational Research Society</i> , 2019 , 70, 101-110	2	14
181	DEA-based benchmarking for performance evaluation in pay-for-performance incentive plans. <i>Omega</i> , 2019 , 84, 45-54	7.2	35
180	How the Great Recession affects performance: a case of Pennsylvania hospitals using DEA. <i>Annals of Operations Research</i> , 2019 , 278, 77-99	3.2	19
179	Estimation and allocation of cost savings from collaborative CO2 abatement in China. <i>Energy Economics</i> , 2018 , 72, 62-74	8.3	24
178	DEA as a tool for auditing: application to Chinese manufacturing industry with parallel network structures. <i>Annals of Operations Research</i> , 2018 , 263, 247-269	3.2	21

177	Two-stage network DEA: Who is the leader?. <i>Omega</i> , 2018 , 74, 15-19	7.2	45
176	A new network DEA model for mutual fund performance appraisal: An application to U.S. equity mutual funds. <i>Omega</i> , 2018 , 77, 168-179	7.2	43
175	Data envelopment analysis application in sustainability: The origins, development and future directions. <i>European Journal of Operational Research</i> , 2018 , 264, 1-16	5.6	159
174	Identification of congestion in data envelopment analysis under the occurrence of multiple projections: A reliable method capable of dealing with negative data. <i>European Journal of Operational Research</i> , 2018 , 265, 644-654	5.6	15
173	Evaluating the Efficiencies of Academic Research Groups: A Problem of Shared Outputs. <i>Asia-Pacific Journal of Operational Research</i> , 2018 , 35, 1850042	0.8	
172	A DEA-based approach for competitive environment analysis in global operations strategies. <i>International Journal of Production Economics</i> , 2018 , 203, 110-123	9.3	20
171	Bounded and discrete data and Likert scales in data envelopment analysis: application to regional energy efficiency in China. <i>Annals of Operations Research</i> , 2017 , 255, 347-366	3.2	41
170	Investigation of the Impact of the Massachusetts Health Care Reform on Hospital Costs and Quality of Care. <i>Annals of Operations Research</i> , 2017 , 250, 129-146	3.2	5
169	Units invariant DEA when weight restrictions are present: ecological performance of US electricity industry. <i>Annals of Operations Research</i> , 2017 , 255, 323-346	3.2	16
168	Modeling efficiency in the presence of multiple partial input to output processes. <i>Annals of Operations Research</i> , 2017 , 250, 235-248	3.2	6
167	Within-group common benchmarking using DEA. <i>European Journal of Operational Research</i> , 2017 , 256, 901-910	5.6	35
166	Non-cooperative two-stage network DEA model: Linear vs. parametric linear. <i>European Journal of Operational Research</i> , 2017 , 258, 398-400	5.6	26
165	Goal congruence analysis in multi-Division Organizations with shared resources based on data envelopment analysis. <i>European Journal of Operational Research</i> , 2017 , 263, 961-973	5.6	13
164	Second order cone programming approach to two-stage network data envelopment analysis. <i>European Journal of Operational Research</i> , 2017 , 262, 231-238	5.6	33
163	Decomposition weights and overall efficiency in two-stage additive network DEA. <i>European Journal of Operational Research</i> , 2017 , 257, 896-906	5.6	88
162	Efficiency Measurement of Multistage Processes: Context Dependent Numbers of Stages. <i>Asia-Pacific Journal of Operational Research</i> , 2017 , 34, 1750032	0.8	1
161	A note on two-stage network DEA model: Frontier projection and duality. <i>European Journal of Operational Research</i> , 2016 , 248, 342-346	5.6	47
160	Mutual Fund Industry Performance: A Network Data Envelopment Analysis Approach. <i>Profiles in Operations Research</i> , 2016 , 165-228	1	7

159	Sustainable Product Design Performance Evaluation with Two-Stage Network Data Envelopment Analysis. <i>Profiles in Operations Research</i> , 2016 , 317-344	1	
158	A DEA based composite measure of quality and its associated data uncertainty interval for health care provider profiling and pay-for-performance. <i>European Journal of Operational Research</i> , 2016 , 253, 489-502	5.6	32
157	Data Envelopment Analysis with Output-Bounded Data. <i>Asia-Pacific Journal of Operational Research</i> , 2016 , 33, 1650050	0.8	2
156	DEA models for non-homogeneous DMUs with different input configurations. <i>European Journal of Operational Research</i> , 2016 , 254, 946-956	5.6	27
155	Best cooperative partner selection and input resource reallocation using DEA. <i>Journal of the Operational Research Society</i> , 2016 , 67, 1221-1237	2	12
154	Two-stage network DEA: when intermediate measures can be treated as outputs from the second stage. <i>Journal of the Operational Research Society</i> , 2015 , 66, 1868-1877	2	27
153	DEA Models for Parallel Systems: Game-Theoretic Approaches. <i>Asia-Pacific Journal of Operational Research</i> , 2015 , 32, 1550008	0.8	5
152	Data Envelopment Analysis with Non-Homogeneous DMUs. <i>Profiles in Operations Research</i> , 2015 , 309-340		0
151	DEA cross-efficiency evaluation under variable returns to scale. <i>Journal of the Operational Research Society</i> , 2015 , 66, 476-487	2	33
150	Partial input to output impacts in DEA: The case of DMU-specific impacts. <i>European Journal of Operational Research</i> , 2015 , 244, 837-844	5.6	11
149	Decomposing technical efficiency and scale elasticity in two-stage network DEA. <i>European Journal of Operational Research</i> , 2014 , 233, 584-594	5.6	54
148	Use of DEA cross-efficiency evaluation in portfolio selection: An application to Korean stock market. <i>European Journal of Operational Research</i> , 2014 , 236, 361-368	5.6	130
147	Data envelopment analysis: Prior to choosing a model. <i>Omega</i> , 2014 , 44, 1-4	7.2	441
146	DEA Cobb-Douglas frontier and cross-efficiency. <i>Journal of the Operational Research Society</i> , 2014 , 65, 265-268	2	34
145	An integrated approach for ship block manufacturing process performance evaluation: Case from a Korean shipbuilding company. <i>International Journal of Production Economics</i> , 2014 , 156, 214-222	9.3	47
144	Fixed cost and resource allocation based on DEA cross-efficiency. <i>European Journal of Operational Research</i> , 2014 , 235, 206-214	5.6	134
143	Data Envelopment Analysis. <i>Profiles in Operations Research</i> , 2014 , 1-9	1	10
142	Quantitative Models for Performance Evaluation and Benchmarking. <i>Profiles in Operations Research</i> , 2014 ,	1	30

141	Interval and Ordinal Data in DEA. <i>Profiles in Operations Research</i> , 2014 , 383-398	1	
140	DEA Models for Two-Stage Network Processes. <i>Profiles in Operations Research</i> , 2014 , 291-309	1	
139	Slack-Based DEA Models. <i>Profiles in Operations Research</i> , 2014 , 93-101	1	
138	Incorporating health outcomes in Pennsylvania hospital efficiency: an additive super-efficiency DEA approach. <i>Annals of Operations Research</i> , 2014 , 221, 161-172	3-2	75
137	DEA for Two-Stage Networks: Efficiency Decompositions and Modeling Techniques. <i>Profiles in Operations Research</i> , 2014 , 1-29	1	2
136	Network DEA Pitfalls: Divisional Efficiency and Frontier Projection. <i>Profiles in Operations Research</i> , 2014 , 31-54	1	3
135	Additive Efficiency Decomposition in Network DEA. <i>Profiles in Operations Research</i> , 2014 , 91-118	1	1
134	Decomposing Efficiency and Returns to Scale in Two-Stage Network Systems. <i>Profiles in Operations Research</i> , 2014 , 137-164	1	7
133	Evaluating Two-Stage Network Structures: Bargaining Game Approach. <i>Profiles in Operations Research</i> , 2014 , 165-187	1	1
132	Benchmarking Models. <i>Profiles in Operations Research</i> , 2014 , 245-276	1	1
131	Context-dependent Data Envelopment Analysis. <i>Profiles in Operations Research</i> , 2014 , 153-174	1	1
130	Multiplier DEA Model. <i>Profiles in Operations Research</i> , 2014 , 49-60	1	
129	Two-Stage Network Processes: DEA Frontier Identification. <i>Profiles in Operations Research</i> , 2014 , 79-89	1	
128	Shared Resources and Efficiency Decomposition in Two-Stage Networks. <i>Profiles in Operations Research</i> , 2014 , 189-208	1	
127	Modeling Undesirable Measures. <i>Profiles in Operations Research</i> , 2014 , 141-151	1	
126	Models for Evaluating Supply Chains and Network Structures. <i>Profiles in Operations Research</i> , 2014 , 311-344		
125	DEA Cross Efficiency. <i>Profiles in Operations Research</i> , 2014 , 61-92	1	
124	Returns-to-Scale. <i>Profiles in Operations Research</i> , 2014 , 277-290	1	

123	Measure-Specific DEA Models. <i>Profiles in Operations Research</i> , 2014 , 103-119	1	
122	Identifying Critical Measures in DEA. <i>Profiles in Operations Research</i> , 2014 , 363-381	1	
121	Super Efficiency. <i>Profiles in Operations Research</i> , 2014 , 175-206	1	
120	Non-radial DEA Models and DEA with Preference. <i>Profiles in Operations Research</i> , 2014 , 121-140	1	
119	Integrated data envelopment analysis: Global vs. local optimum. <i>European Journal of Operational Research</i> , 2013 , 229, 276-278	5.6	36
118	Data Envelopment Analysis with Nonhomogeneous DMUs. <i>Operations Research</i> , 2013 , 61, 666-676	2.3	73
117	Network DEA pitfalls: Divisional efficiency and frontier projection under general network structures. <i>European Journal of Operational Research</i> , 2013 , 226, 507-515	5.6	119
116	Incorporating performance measures with target levels in data envelopment analysis. <i>European Journal of Operational Research</i> , 2013 , 230, 634-642	5.6	22
115	Data envelopment analysis: The research frontier. <i>Omega</i> , 2013 , 41, 1-2	7.2	10
114	Partial input to output impacts in DEA: Production considerations and resource sharing among business subunits. <i>Naval Research Logistics</i> , 2013 , 60, 190-207	1.5	37
113	Super-efficiency infeasibility and zero data in DEA. <i>European Journal of Operational Research</i> , 2012 , 216, 429-433	5.6	71
112	Additive super-efficiency in integer-valued data envelopment analysis. <i>European Journal of Operational Research</i> , 2012 , 218, 186-192	5.6	31
111	Relative efficiency measurement: The problem of a missing output in a subset of decision making units. <i>European Journal of Operational Research</i> , 2012 , 220, 79-84	5.6	27
110	A new methodology for evaluating sustainable product design performance with two-stage network data envelopment analysis. <i>European Journal of Operational Research</i> , 2012 , 221, 348-359	5.6	94
109	Best-performing US mutual fund families from 1993 to 2008: Evidence from a novel two-stage DEA model for efficiency decomposition. <i>Journal of Banking and Finance</i> , 2012 , 36, 3302-3317	2.6	69
108	Undesirable factors in integer-valued DEA: Evaluating the operational efficiencies of city bus systems considering safety records. <i>Decision Support Systems</i> , 2012 , 54, 330-335	5.6	41
107	Sensitivity Analysis in DEA. <i>Profiles in Operations Research</i> , 2011 , 71-91	1	4
106	Efficient Resource Allocation via Efficiency Bootstraps: An Application to R&D Project Budgeting. <i>Operations Research</i> , 2011 , 59, 729-741	2.3	21

105	Data envelopment analysis efficiency in two-stage networks with feedback. <i>IIE Transactions</i> , 2011 , 43, 309-322		55
104	Data Envelopment Analysis: History, Models, and Interpretations. <i>Profiles in Operations Research</i> , 2011 , 1-39	1	113
103	Output-specific input-assurance regions in DEA. <i>Journal of the Operational Research Society</i> , 2011 , 62, 1881-1887	2	5
102	Multiple Variable Proportionality in Data Envelopment Analysis. <i>Operations Research</i> , 2011 , 59, 1024-1032	3	25
101	A bargaining game model for measuring performance of two-stage network structures. <i>European Journal of Operational Research</i> , 2011 , 210, 390-397	5.6	104
100	Super-efficiency DEA in the presence of infeasibility. <i>European Journal of Operational Research</i> , 2011 , 212, 141-147	5.6	96
99	Airlines Performance via Two-Stage Network DEA Approach. <i>Journal of CENTRUM Cathedra (JCC) the Business and Economics Research Journal</i> , 2011 , 4, 260-269		90
98	Congestion: Its Identification and Management with DEA. <i>Profiles in Operations Research</i> , 2011 , 173-193	1	1
97	Modeling DMU's Internal Structures: Cooperative and Noncooperative Approaches. <i>Profiles in Operations Research</i> , 2011 , 297-313	1	1
96	Returns to Scale in DEA. <i>Profiles in Operations Research</i> , 2011 , 41-70	1	19
95	Context-dependent performance standards in DEA. <i>Annals of Operations Research</i> , 2010 , 173, 163-175	3.2	8
94	Measuring performance of two-stage network structures by DEA: A review and future perspective. <i>Omega</i> , 2010 , 38, 423-430	7.2	330
93	Deriving the DEA frontier for two-stage processes. <i>European Journal of Operational Research</i> , 2010 , 202, 138-142	5.6	144
92	DEA model with shared resources and efficiency decomposition. <i>European Journal of Operational Research</i> , 2010 , 207, 339-349	5.6	128
91	Network DEA: Additive efficiency decomposition. <i>European Journal of Operational Research</i> , 2010 , 207, 1122-1129	5.6	233
90	A slacks-based measure of super-efficiency in data envelopment analysis: A comment. <i>European Journal of Operational Research</i> , 2010 , 204, 694-697	5.6	81
89	Additive efficiency decomposition in two-stage DEA. <i>European Journal of Operational Research</i> , 2009 , 196, 1170-1176	5.6	435
88	Piecewise linear output measures in DEA (third revision). <i>European Journal of Operational Research</i> , 2009 , 197, 312-319	5.6	16

87	Equivalence in two-stage DEA approaches. <i>European Journal of Operational Research</i> , 2009 , 193, 600-604	5.6	111
86	A modified super-efficiency DEA model for infeasibility. <i>Journal of the Operational Research Society</i> , 2009 , 60, 276-281	2	105
85	Quantitative Models for Performance Evaluation and Benchmarking. <i>Profiles in Operations Research</i> , 2009 ,	1	85
84	Returns-to-Scale. <i>Profiles in Operations Research</i> , 2009 , 1-15	1	
83	DEA Models for Two-Stage Processes. <i>Profiles in Operations Research</i> , 2009 , 1-14	1	
82	Nonlinear inputs and diminishing marginal value in DEA. <i>Journal of the Operational Research Society</i> , 2009 , 60, 1567-1574	2	7
81	The DEA Game Cross-Efficiency Model and Its Nash Equilibrium. <i>Operations Research</i> , 2008 , 56, 1278-1288	3	244
80	CAR-DEA: Context-Dependent Assurance Regions in DEA. <i>Operations Research</i> , 2008 , 56, 69-78	2.3	35
79	A response to the critiques of DEA by Dmitruk and Koshevoy, and Bol. <i>Journal of Productivity Analysis</i> , 2008 , 29, 15-21	1.8	6
78	DEA models for two-stage processes: Game approach and efficiency decomposition. <i>Naval Research Logistics</i> , 2008 , 55, 643-653	1.5	345
77	Alternative secondary goals in DEA cross-efficiency evaluation. <i>International Journal of Production Economics</i> , 2008 , 113, 1025-1030	9.3	202
76	Within-group common weights in DEA: An analysis of power plant efficiency. <i>European Journal of Operational Research</i> , 2007 , 178, 207-216	5.6	60
75	Some models and measures for evaluating performances with DEA: past accomplishments and future prospects. <i>Journal of Productivity Analysis</i> , 2007 , 28, 151-163	1.8	90
74	Classifying inputs and outputs in data envelopment analysis. <i>European Journal of Operational Research</i> , 2007 , 180, 692-699	5.6	118
73	Data Envelopment Analysis. <i>Journal of Portfolio Management</i> , 2007 , 33, 120-132	1.6	9
72	Rank Order Data In Dea 2007 , 13-34		0
71	Interval And Ordinal Data 2007 , 35-62		
70	DEA Models For Supply Chain or Multi-Stage Structure 2007 , 189-208		2

69	Context-Dependent Data Envelopment Analysis and its Use 2007 , 241-259		4
68	Flexible Measures of Classifying Inputs and Outputs 2007 , 261-270		
67	Rank order data in DEA: A general framework. <i>European Journal of Operational Research</i> , 2006 , 174, 1021-1038	3.7	73
66	Service Productivity Management 2006 ,		89
65	Dual-role factors in data envelopment analysis. <i>IIE Transactions</i> , 2006 , 38, 105-115		72
64	Incorporating Multiprocess Performance Standards into the DEA Framework. <i>Operations Research</i> , 2006 , 54, 656-665	2.3	20
63	Evaluation of information technology investment: a data envelopment analysis approach. <i>Computers and Operations Research</i> , 2006 , 33, 1368-1379	4.6	99
62	DEA models for supply chain efficiency evaluation. <i>Annals of Operations Research</i> , 2006 , 145, 35-49	3.2	291
61	Benchmarking with quality-adjusted DEA (Q-DEA) to seek lower-cost high-quality service: Evidence from a U.S.bank application. <i>Annals of Operations Research</i> , 2006 , 145, 301-319	3.2	79
60	Building performance standards into data envelopment analysis structures. <i>IIE Transactions</i> , 2005 , 37, 267-275		17
59	Allocation of shared costs among decision making units: a DEA approach. <i>Computers and Operations Research</i> , 2005 , 32, 2171-2178	4.6	108
58	A slack-based measure of efficiency in context-dependent data envelopment analysis. <i>Omega</i> , 2005 , 33, 357-362	7.2	92
57	A response to comments on modeling undesirable factors in efficiency evaluation. <i>European Journal of Operational Research</i> , 2005 , 161, 579-581	5.6	109
56	Hedge fund performance appraisal using data envelopment analysis. <i>European Journal of Operational Research</i> , 2005 , 164, 555-571	5.6	85
55	Notes on Sensitivity and Stability of the Classifications of Returns to Scale in Data Envelopment Analysis: A Comment. <i>Journal of Productivity Analysis</i> , 2005 , 23, 315-316	1.8	7
54	A SPECIAL ISSUE ON "DATA ENVELOPMENT ANALYSIS: THEORIES AND APPLICATIONS" IN HONOR OF WILLIAM W. COOPER. <i>International Journal of Information Technology and Decision Making</i> , 2005 , 04, 311-316	2.8	2
53	Modeling Performance Measurement 2005 ,		32
52	CONTEXT-DEPENDENT DEA WITH AN APPLICATION TO TOKYO PUBLIC LIBRARIES. <i>International Journal of Information Technology and Decision Making</i> , 2005 , 04, 385-394	2.8	35

51	Sensitivity Analysis in DEA 2004 , 75-97		13
50	Returns to Scale in DEA 2004 , 41-73		8
49	Imprecise DEA via Standard Linear DEA Models with a Revisit to a Korean Mobile Telecommunication Company. <i>Operations Research</i> , 2004 , 52, 323-329	2.3	79
48	Data Envelopment Analysis 2004 , 1-39		107
47	Models for performance benchmarking: measuring the effect of e-business activities on banking performance. <i>Omega</i> , 2004 , 32, 313-322	7.2	79
46	Measuring Information Technology's Indirect Impact on Firm Performance. <i>Information Technology and Management</i> , 2004 , 5, 9-22	1.8	296
45	A buyer-seller game model for selection and negotiation of purchasing bids: Extensions and new models. <i>European Journal of Operational Research</i> , 2004 , 154, 150-156	5.6	59
44	Returns to scale in different DEA models. <i>European Journal of Operational Research</i> , 2004 , 154, 345-362	5.6	221
43	Strategic and Transactional Use of Information Technology in Banking. <i>The Journal of Cost Analysis and Management</i> , 2003 , 5, 1-22		
42	DEA Models for Identifying Critical Performance Measures. <i>Annals of Operations Research</i> , 2003 , 124, 225-244	3.2	15
41	Context-dependent data envelopment analysis: Measuring attractiveness and progress. <i>Omega</i> , 2003 , 31, 397-408	7.2	169
40	Identifying Best Applicants in recruiting using data envelopment analysis. <i>Socio-Economic Planning Sciences</i> , 2003 , 37, 125-139	3.7	15
39	Imprecise data envelopment analysis (IDEA): A review and improvement with an application. <i>European Journal of Operational Research</i> , 2003 , 144, 513-529	5.6	207
38	Efficiency evaluation with strong ordinal input and output measures. <i>European Journal of Operational Research</i> , 2003 , 146, 477-485	5.6	49
37	Multiplier bounds in DEA via strong complementary slackness condition solution. <i>International Journal of Production Economics</i> , 2003 , 86, 11-19	9.3	10
36	Output deterioration with input reduction in data envelopment analysis. <i>IIE Transactions</i> , 2003 , 35, 309-320		12
35	Quantitative Models for Performance Evaluation and Benchmarking. <i>Profiles in Operations Research</i> , 2003 ,	1	211
34	On the Decomposition of DEA Inefficiency 2003 , 99-104		

33	Solving DEA via Excel 2003 , 301-306		1
32	An Approach for Determining DEA Efficiency Bounds 2003 , 105-110		1
31	Cooperative advertising, game theory and manufacturerRetailer supply chains. <i>Omega</i> , 2002 , 30, 347-357.2	149	
30	Modeling undesirable factors in efficiency evaluation. <i>European Journal of Operational Research</i> , 2002 , 142, 16-20	5.6	932
29	CLASSIFICATION INVARIANCE IN DATA ENVELOPMENT ANALYSIS 2002 , 331-342		2
28	Super-efficiency and DEA sensitivity analysis. <i>European Journal of Operational Research</i> , 2001 , 129, 443-455	164	
27	Sensitivity and Stability Analysis in DEA: Some Recent Developments. <i>Journal of Productivity Analysis</i> , 2001 , 15, 217-246	1.8	140
26	Multidimensional quality-of-life measure with an application to Fortune's best cities. <i>Socio-Economic Planning Sciences</i> , 2001 , 35, 263-284	3.7	57
25	Portfolio Evaluation and Benchmark Selection. <i>Journal of Alternative Investments</i> , 2001 , 4, 9-19	3	47
24	Setting scale efficient targets in DEA via returns to scale estimation method. <i>Journal of the Operational Research Society</i> , 2000 , 51, 376-378	2	15
23	Multi-factor performance measure model with an application to Fortune 500 companies. <i>European Journal of Operational Research</i> , 2000 , 123, 105-124	5.6	288
22	Further discussion on linear production functions and DEA. <i>European Journal of Operational Research</i> , 2000 , 127, 611-618	5.6	16
21	A unified additive model approach for evaluating inefficiency and congestion with associated measures in DEA. <i>Socio-Economic Planning Sciences</i> , 2000 , 34, 1-25	3.7	117
20	Sensitivity and Stability of the Classifications of Returns to Scale in Data Envelopment Analysis. <i>Journal of Productivity Analysis</i> , 1999 , 12, 55-75	1.8	27
19	An investigation of returns to scale in data envelopment analysis. <i>Omega</i> , 1999 , 27, 1-11	7.2	131
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