

# Joe Zhu

## List of Publications by Citations

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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	Modeling undesirable factors in efficiency evaluation. <i>European Journal of Operational Research</i> , <b>2002</b> , 142, 16-20	5.6	932
211	Profitability and Marketability of the Top 55 U.S. Commercial Banks. <i>Management Science</i> , <b>1999</b> , 45, 1270-1288	9.9	28638
210	Data envelopment analysis: Prior to choosing a model. <i>Omega</i> , <b>2014</b> , 44, 1-4	7.2	441
209	Additive efficiency decomposition in two-stage DEA. <i>European Journal of Operational Research</i> , <b>2009</b> , 196, 1170-1176	5.6	435
208	DEA models for two-stage processes: Game approach and efficiency decomposition. <i>Naval Research Logistics</i> , <b>2008</b> , 55, 643-653	1.5	345
207	Measuring performance of two-stage network structures by DEA: A review and future perspective. <i>Omega</i> , <b>2010</b> , 38, 423-430	7.2	330
206	Measuring Information Technology's Indirect Impact on Firm Performance. <i>Information Technology and Management</i> , <b>2004</b> , 5, 9-22	1.8	296
205	DEA models for supply chain efficiency evaluation. <i>Annals of Operations Research</i> , <b>2006</b> , 145, 35-49	3.2	291
204	Multi-factor performance measure model with an application to Fortune 500 companies. <i>European Journal of Operational Research</i> , <b>2000</b> , 123, 105-124	5.6	288
203	The DEA Game Cross-Efficiency Model and Its Nash Equilibrium. <i>Operations Research</i> , <b>2008</b> , 56, 1278-1288	3.3	244
202	Network DEA: Additive efficiency decomposition. <i>European Journal of Operational Research</i> , <b>2010</b> , 207, 1122-1129	5.6	233
201	Returns to scale in different DEA models. <i>European Journal of Operational Research</i> , <b>2004</b> , 154, 345-362	5.6	221
200	Infeasibility Of Super-Efficiency Data Envelopment Analysis Models. <i>Infor</i> , <b>1999</b> , 37, 174-187	0.5	215
199	Quantitative Models for Performance Evaluation and Benchmarking. <i>Profiles in Operations Research</i> , <b>2003</b> ,	1	211
198	Imprecise data envelopment analysis (IDEA): A review and improvement with an application. <i>European Journal of Operational Research</i> , <b>2003</b> , 144, 513-529	5.6	207
197	Alternative secondary goals in DEA cross-efficiency evaluation. <i>International Journal of Production Economics</i> , <b>2008</b> , 113, 1025-1030	9.3	202
196	Data envelopment analysis vs. principal component analysis: An illustrative study of economic performance of Chinese cities. <i>European Journal of Operational Research</i> , <b>1998</b> , 111, 50-61	5.6	180

195	Robustness of the efficient DMUs in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>1996</b> , 90, 451-460	5.6	171
194	Context-dependent data envelopment analysis: Measuring attractiveness and progress. <i>Omega</i> , <b>2003</b> , 31, 397-408	7.2	169
193	Super-efficiency and DEA sensitivity analysis. <i>European Journal of Operational Research</i> , <b>2001</b> , 129, 443-455	5.6	164
192	Data envelopment analysis application in sustainability: The origins, development and future directions. <i>European Journal of Operational Research</i> , <b>2018</b> , 264, 1-16	5.6	159
191	Data Envelopment Analysis with Preference Structure. <i>Journal of the Operational Research Society</i> , <b>1996</b> , 47, 136-150	2	154
190	Cooperative advertising, game theory and manufacturer-retailer supply chains. <i>Omega</i> , <b>2002</b> , 30, 347-357	7.2	149
189	Deriving the DEA frontier for two-stage processes. <i>European Journal of Operational Research</i> , <b>2010</b> , 202, 138-142	5.6	144
188	Sensitivity and Stability Analysis in DEA: Some Recent Developments. <i>Journal of Productivity Analysis</i> , <b>2001</b> , 15, 217-246	1.8	140
187	Fixed cost and resource allocation based on DEA cross-efficiency. <i>European Journal of Operational Research</i> , <b>2014</b> , 235, 206-214	5.6	134
186	An investigation of returns to scale in data envelopment analysis. <i>Omega</i> , <b>1999</b> , 27, 1-11	7.2	131
185	Use of DEA cross-efficiency evaluation in portfolio selection: An application to Korean stock market. <i>European Journal of Operational Research</i> , <b>2014</b> , 236, 361-368	5.6	130
184	DEA model with shared resources and efficiency decomposition. <i>European Journal of Operational Research</i> , <b>2010</b> , 207, 339-349	5.6	128
183	Stability regions for maintaining efficiency in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>1998</b> , 108, 127-139	5.6	122
182	Network DEA pitfalls: Divisional efficiency and frontier projection under general network structures. <i>European Journal of Operational Research</i> , <b>2013</b> , 226, 507-515	5.6	119
181	Classifying inputs and outputs in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2007</b> , 180, 692-699	5.6	118
180	A unified additive model approach for evaluating inefficiency and congestion with associated measures in DEA. <i>Socio-Economic Planning Sciences</i> , <b>2000</b> , 34, 1-25	3.7	117
179	Data Envelopment Analysis: History, Models, and Interpretations. <i>Profiles in Operations Research</i> , <b>2011</b> , 1-39	1	113
178	Equivalence in two-stage DEA approaches. <i>European Journal of Operational Research</i> , <b>2009</b> , 193, 600-604	5.6	111

177	A response to comments on modeling undesirable factors in efficiency evaluation. <i>European Journal of Operational Research</i> , <b>2005</b> , 161, 579-581	5.6	109
176	Allocation of shared costs among decision making units: a DEA approach. <i>Computers and Operations Research</i> , <b>2005</b> , 32, 2171-2178	4.6	108
175	Data Envelopment Analysis <b>2004</b> , 1-39		107
174	A modified super-efficiency DEA model for infeasibility. <i>Journal of the Operational Research Society</i> , <b>2009</b> , 60, 276-281	2	105
173	A bargaining game model for measuring performance of two-stage network structures. <i>European Journal of Operational Research</i> , <b>2011</b> , 210, 390-397	5.6	104
172	A discussion of testing DMUs' returns to scale. <i>European Journal of Operational Research</i> , <b>1995</b> , 81, 590-596		103
171	Evaluation of information technology investment: a data envelopment analysis approach. <i>Computers and Operations Research</i> , <b>2006</b> , 33, 1368-1379	4.6	99
170	Super-efficiency DEA in the presence of infeasibility. <i>European Journal of Operational Research</i> , <b>2011</b> , 212, 141-147	5.6	96
169	A new methodology for evaluating sustainable product design performance with two-stage network data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2012</b> , 221, 348-359	5.6	94
168	A slack-based measure of efficiency in context-dependent data envelopment analysis. <i>Omega</i> , <b>2005</b> , 33, 357-362	7.2	92
167	Some models and measures for evaluating performances with DEA: past accomplishments and future prospects. <i>Journal of Productivity Analysis</i> , <b>2007</b> , 28, 151-163	1.8	90
166	Airlines Performance via Two-Stage Network DEA Approach. <i>Journal of CENTRUM Cathedra (JCC) the Business and Economics Research Journal</i> , <b>2011</b> , 4, 260-269		90
165	Service Productivity Management <b>2006</b> ,		89
164	Decomposition weights and overall efficiency in two-stage additive network DEA. <i>European Journal of Operational Research</i> , <b>2017</b> , 257, 896-906	5.6	88
163	Quantitative Models for Performance Evaluation and Benchmarking. <i>Profiles in Operations Research</i> , <b>2009</b> ,	1	85
162	Hedge fund performance appraisal using data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2005</b> , 164, 555-571	5.6	85
161	A slacks-based measure of super-efficiency in data envelopment analysis: A comment. <i>European Journal of Operational Research</i> , <b>2010</b> , 204, 694-697	5.6	81
160	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> , <b>2006</b> , 145, 301-319	3.2	79

159	Imprecise DEA via Standard Linear DEA Models with a Revisit to a Korean Mobile Telecommunication Company. <i>Operations Research</i> , <b>2004</b> , 52, 323-329	2.3	79
158	Models for performance benchmarking: measuring the effect of e-business activities on banking performance. <i>Omega</i> , <b>2004</b> , 32, 313-322	7.2	79
157	Sensitivity analysis of DEA models for simultaneous changes in all the data. <i>Journal of the Operational Research Society</i> , <b>1998</b> , 49, 1060-1071	2	78
156	Incorporating health outcomes in Pennsylvania hospital efficiency: an additive super-efficiency DEA approach. <i>Annals of Operations Research</i> , <b>2014</b> , 221, 161-172	3.2	75
155	Data Envelopment Analysis with Nonhomogeneous DMUs. <i>Operations Research</i> , <b>2013</b> , 61, 666-676	2.3	73
154	Rank order data in DEA: A general framework. <i>European Journal of Operational Research</i> , <b>2006</b> , 174, 1021-1038	5.6	73
153	Dual-role factors in data envelopment analysis. <i>IIE Transactions</i> , <b>2006</b> , 38, 105-115		72
152	Super-efficiency infeasibility and zero data in DEA. <i>European Journal of Operational Research</i> , <b>2012</b> , 216, 429-433	5.6	71
151	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> , <b>2012</b> , 36, 3302-3317	2.6	69
150	Within-group common weights in DEA: An analysis of power plant efficiency. <i>European Journal of Operational Research</i> , <b>2007</b> , 178, 207-216	5.6	60
149	A buyer-seller game model for selection and negotiation of purchasing bids: Extensions and new models. <i>European Journal of Operational Research</i> , <b>2004</b> , 154, 150-156	5.6	59
148	Multidimensional quality-of-life measure with an application to Fortune's best cities. <i>Socio-Economic Planning Sciences</i> , <b>2001</b> , 35, 263-284	3.7	57
147	Data envelopment analysis efficiency in two-stage networks with feedback. <i>IIE Transactions</i> , <b>2011</b> , 43, 309-322		55
146	Decomposing technical efficiency and scale elasticity in two-stage network DEA. <i>European Journal of Operational Research</i> , <b>2014</b> , 233, 584-594	5.6	54
145	Big data algorithms and applications in intelligent transportation system: A review and bibliometric analysis. <i>International Journal of Production Economics</i> , <b>2021</b> , 231, 107868	9.3	50
144	Efficiency evaluation with strong ordinal input and output measures. <i>European Journal of Operational Research</i> , <b>2003</b> , 146, 477-485	5.6	49
143	A note on two-stage network DEA model: Frontier projection and duality. <i>European Journal of Operational Research</i> , <b>2016</b> , 248, 342-346	5.6	47
142	An integrated approach for ship block manufacturing process performance evaluation: Case from a Korean shipbuilding company. <i>International Journal of Production Economics</i> , <b>2014</b> , 156, 214-222	9.3	47

141	Portfolio Evaluation and Benchmark Selection. <i>Journal of Alternative Investments</i> , <b>2001</b> , 4, 9-19	3	47
140	Two-stage network DEA: Who is the leader?. <i>Omega</i> , <b>2018</b> , 74, 15-19	7.2	45
139	Chapter 15 DEA/AR analysis of the 1988-1989 performance of the Nanjing textiles corporation. <i>Annals of Operations Research</i> , <b>1996</b> , 66, 311-335	3.2	44
138	A new network DEA model for mutual fund performance appraisal: An application to U.S. equity mutual funds. <i>Omega</i> , <b>2018</b> , 77, 168-179	7.2	43
137	Bounded and discrete data and Likert scales in data envelopment analysis: application to regional energy efficiency in China. <i>Annals of Operations Research</i> , <b>2017</b> , 255, 347-366	3.2	41
136	Undesirable factors in integer-valued DEA: Evaluating the operational efficiencies of city bus systems considering safety records. <i>Decision Support Systems</i> , <b>2012</b> , 54, 330-335	5.6	41
135	Identifying excesses and deficits in Chinese industrial productivity (1953-1990): a weighted data envelopment analysis approach. <i>Omega</i> , <b>1998</b> , 26, 279-296	7.2	39
134	Data envelopment analysis and big data. <i>European Journal of Operational Research</i> , <b>2019</b> , 274, 1047-1054	5.6	39
133	Partial input to output impacts in DEA: Production considerations and resource sharing among business subunits. <i>Naval Research Logistics</i> , <b>2013</b> , 60, 190-207	1.5	37
132	Integrated data envelopment analysis: Global vs. local optimum. <i>European Journal of Operational Research</i> , <b>2013</b> , 229, 276-278	5.6	36
131	Within-group common benchmarking using DEA. <i>European Journal of Operational Research</i> , <b>2017</b> , 256, 901-910	5.6	35
130	CAR-DEA: Context-Dependent Assurance Regions in DEA. <i>Operations Research</i> , <b>2008</b> , 56, 69-78	2.3	35
129	CONTEXT-DEPENDENT DEA WITH AN APPLICATION TO TOKYO PUBLIC LIBRARIES. <i>International Journal of Information Technology and Decision Making</i> , <b>2005</b> , 04, 385-394	2.8	35
128	DEA-based benchmarking for performance evaluation in pay-for-performance incentive plans. <i>Omega</i> , <b>2019</b> , 84, 45-54	7.2	35
127	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> , <b>2019</b> , 279, 929-940	5.6	34
126	Primal-dual correspondence and frontier projections in two-stage network DEA models. <i>Omega</i> , <b>2019</b> , 83, 236-248	7.2	34
125	DEA Cobb-Douglas frontier and cross-efficiency. <i>Journal of the Operational Research Society</i> , <b>2014</b> , 65, 265-268	2	34
124	Second order cone programming approach to two-stage network data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2017</b> , 262, 231-238	5.6	33

123	DEA cross-efficiency evaluation under variable returns to scale. <i>Journal of the Operational Research Society</i> , <b>2015</b> , 66, 476-487	2	33
122	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> , <b>2016</b> , 253, 489-502	5.6	32
121	An acceptance system decision rule with data envelopment analysis. <i>Computers and Operations Research</i> , <b>1998</b> , 25, 329-332	4.6	32
120	Modeling Performance Measurement <b>2005</b> ,		32
119	Additive super-efficiency in integer-valued data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2012</b> , 218, 186-192	5.6	31
118	A survey of data envelopment analysis applications in the insurance industry 1993-2018. <i>European Journal of Operational Research</i> , <b>2020</b> , 284, 801-813	5.6	31
117	Quantitative Models for Performance Evaluation and Benchmarking. <i>Profiles in Operations Research</i> , <b>2014</b> ,	1	30
116	Two-stage network DEA: when intermediate measures can be treated as outputs from the second stage. <i>Journal of the Operational Research Society</i> , <b>2015</b> , 66, 1868-1877	2	27
115	Relative efficiency measurement: The problem of a missing output in a subset of decision making units. <i>European Journal of Operational Research</i> , <b>2012</b> , 220, 79-84	5.6	27
114	Sensitivity and Stability of the Classifications of Returns to Scale in Data Envelopment Analysis. <i>Journal of Productivity Analysis</i> , <b>1999</b> , 12, 55-75	1.8	27
113	DEA models for non-homogeneous DMUs with different input configurations. <i>European Journal of Operational Research</i> , <b>2016</b> , 254, 946-956	5.6	27
112	Non-cooperative two-stage network DEA model: Linear vs. parametric linear. <i>European Journal of Operational Research</i> , <b>2017</b> , 258, 398-400	5.6	26
111	DEA under big data: data enabled analytics and network data envelopment analysis. <i>Annals of Operations Research</i> , <b>2020</b> , 1	3.2	26
110	When to increase firms' sustainable operations for efficiency? A data envelopment analysis in the retailing industry. <i>European Journal of Operational Research</i> , <b>2019</b> , 277, 1010-1026	5.6	25
109	Multiple Variable Proportionality in Data Envelopment Analysis. <i>Operations Research</i> , <b>2011</b> , 59, 1024-1032	3.3	25
108	Estimation and allocation of cost savings from collaborative CO2 abatement in China. <i>Energy Economics</i> , <b>2018</b> , 72, 62-74	8.3	24
107	Market entity behavior of Chinese state-owned enterprises. <i>Omega</i> , <b>1998</b> , 26, 263-278	7.2	24
106	On alternative optimal solutions in the estimation of returns to scale in DEA. <i>European Journal of Operational Research</i> , <b>1998</b> , 108, 149-152	5.6	23



105	Incorporating performance measures with target levels in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2013</b> , 230, 634-642	5.6	22
104	DEA as a tool for auditing: application to Chinese manufacturing industry with parallel network structures. <i>Annals of Operations Research</i> , <b>2018</b> , 263, 247-269	3.2	21
103	Efficient Resource Allocation via Efficiency Bootstraps: An Application to R&D Project Budgeting. <i>Operations Research</i> , <b>2011</b> , 59, 729-741	2.3	21
102	Incorporating Multiprocess Performance Standards into the DEA Framework. <i>Operations Research</i> , <b>2006</b> , 54, 656-665	2.3	20
101	A DEA-based approach for competitive environment analysis in global operations strategies. <i>International Journal of Production Economics</i> , <b>2018</b> , 203, 110-123	9.3	20
100	How the Great Recession affects performance: a case of Pennsylvania hospitals using DEA. <i>Annals of Operations Research</i> , <b>2019</b> , 278, 77-99	3.2	19
99	Returns to Scale in DEA. <i>Profiles in Operations Research</i> , <b>2011</b> , 41-70	1	19
98	Building performance standards into data envelopment analysis structures. <i>IIE Transactions</i> , <b>2005</b> , 37, 267-275		17
97	Units invariant DEA when weight restrictions are present: ecological performance of US electricity industry. <i>Annals of Operations Research</i> , <b>2017</b> , 255, 323-346	3.2	16
96	Piecewise linear output measures in DEA (third revision). <i>European Journal of Operational Research</i> , <b>2009</b> , 197, 312-319	5.6	16
95	Further discussion on linear production functions and DEA. <i>European Journal of Operational Research</i> , <b>2000</b> , 127, 611-618	5.6	16
94	DEA Models for Identifying Critical Performance Measures. <i>Annals of Operations Research</i> , <b>2003</b> , 124, 225-244	3.2	15
93	Identifying Best Applicants in recruiting using data envelopment analysis. <i>Socio-Economic Planning Sciences</i> , <b>2003</b> , 37, 125-139	3.7	15
92	Setting scale efficient targets in DEA via returns to scale estimation method. <i>Journal of the Operational Research Society</i> , <b>2000</b> , 51, 376-378	2	15
91	Additive slacks-based measure: Computational strategy and extension to network DEA. <i>Omega</i> , <b>2020</b> , 91, 102022	7.2	15
90	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> , <b>2018</b> , 265, 644-654	5.6	15
89	Scale efficiency in two-stage network DEA. <i>Journal of the Operational Research Society</i> , <b>2019</b> , 70, 101-110		14
88	Goal congruence analysis in multi-Division Organizations with shared resources based on data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2017</b> , 263, 961-973	5.6	13



87	Sensitivity Analysis in DEA <b>2004</b> , 75-97		13
86	Using Operational and Stock Analytics to Measure Airline Performance: A Network DEA Approach. <i>Decision Sciences</i> , <b>2021</b> , 52, 720-748	3.7	13
85	Innovation performance evaluation for high-tech companies using a dynamic network data envelopment analysis approach. <i>European Journal of Operational Research</i> , <b>2021</b> , 292, 199-212	5.6	13
84	Output deterioration with input reduction in data envelopment analysis. <i>IIE Transactions</i> , <b>2003</b> , 35, 309-320		12
83	Best cooperative partner selection and input resource reallocation using DEA. <i>Journal of the Operational Research Society</i> , <b>2016</b> , 67, 1221-1237	2	12
82	Partial input to output impacts in DEA: The case of DMU-specific impacts. <i>European Journal of Operational Research</i> , <b>2015</b> , 244, 837-844	5.6	11
81	On piecewise loglinear frontiers and log efficiency measures. <i>Computers and Operations Research</i> , <b>1998</b> , 25, 389-395	4.6	11
80	Data Envelopment Analysis. <i>Profiles in Operations Research</i> , <b>2014</b> , 1-9	1	10
79	Data envelopment analysis: The research frontier. <i>Omega</i> , <b>2013</b> , 41, 1-2	7.2	10
78	Multiplier bounds in DEA via strong complementary slackness condition solution. <i>International Journal of Production Economics</i> , <b>2003</b> , 86, 11-19	9.3	10
77	Data Envelopment Analysis. <i>Journal of Portfolio Management</i> , <b>2007</b> , 33, 120-132	1.6	9
76	Context-dependent performance standards in DEA. <i>Annals of Operations Research</i> , <b>2010</b> , 173, 163-175	3.2	8
75	Returns to Scale in DEA <b>2004</b> , 41-73		8
74	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> , <b>2020</b> , 287, 572-582	5.6	8
73	Computational tractability of chance constrained data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2019</b> , 274, 1037-1046	5.6	8
72	Mutual Fund Industry Performance: A Network Data Envelopment Analysis Approach. <i>Profiles in Operations Research</i> , <b>2016</b> , 165-228	1	7
71	Nonlinear inputs and diminishing marginal value in DEA. <i>Journal of the Operational Research Society</i> , <b>2009</b> , 60, 1567-1574	2	7
70	Notes on Sensitivity and Stability of the Classifications of Returns to Scale in Data Envelopment Analysis: A Comment. <i>Journal of Productivity Analysis</i> , <b>2005</b> , 23, 315-316	1.8	7

69	Decomposing Efficiency and Returns to Scale in Two-Stage Network Systems. <i>Profiles in Operations Research</i> , <b>2014</b> , 137-164	1	7
68	Modeling efficiency in the presence of multiple partial input to output processes. <i>Annals of Operations Research</i> , <b>2017</b> , 250, 235-248	3.2	6
67	Number of performance measures versus number of decision making units in DEA. <i>Annals of Operations Research</i> , <b>2019</b> , 303, 529	3.2	6
66	A response to the critiques of DEA by Dmitruk and Koshevoy, and Bol. <i>Journal of Productivity Analysis</i> , <b>2008</b> , 29, 15-21	1.8	6
65	A conic relaxation model for searching for the global optimum of network data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2020</b> , 280, 242-253	5.6	6
64	Investigation of the Impact of the Massachusetts Health Care Reform on Hospital Costs and Quality of Care. <i>Annals of Operations Research</i> , <b>2017</b> , 250, 129-146	3.2	5
63	A nonparametric framework to detect outliers in estimating production frontiers. <i>European Journal of Operational Research</i> , <b>2020</b> , 286, 375-388	5.6	5
62	DEA Models for Parallel Systems: Game-Theoretic Approaches. <i>Asia-Pacific Journal of Operational Research</i> , <b>2015</b> , 32, 1550008	0.8	5
61	Output-specific input-assurance regions in DEA. <i>Journal of the Operational Research Society</i> , <b>2011</b> , 62, 1881-1887	2	5
60	Production scale-based two-stage network data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2021</b> , 294, 283-294	5.6	5
59	Balancing Fairness and Efficiency: Performance Evaluation with Disadvantaged Units in Non-homogeneous Environments. <i>European Journal of Operational Research</i> , <b>2020</b> , 287, 1003-1013	5.6	4
58	Sensitivity Analysis in DEA. <i>Profiles in Operations Research</i> , <b>2011</b> , 71-91	1	4
57	Context-Dependent Data Envelopment Analysis and its Use <b>2007</b> , 241-259		4
56	Measuring efficiency in DEA in the presence of common inputs. <i>Journal of the Operational Research Society</i> , <b>2020</b> , 71, 1710-1722	2	4
55	Efficiency measurement for hierarchical situations. <i>Journal of the Operational Research Society</i> , <b>2021</b> , 72, 654-662	2	4
54	Network DEA Pitfalls: Divisional Efficiency and Frontier Projection. <i>Profiles in Operations Research</i> , <b>2014</b> , 31-54	1	3
53	Shared and unsplitable performance links in network DEA. <i>Annals of Operations Research</i> , <b>2021</b> , 303, 507-528	3.2	3
52	Data science and productivity: A bibliometric review of data science applications and approaches in productivity evaluations. <i>Journal of the Operational Research Society</i> , <b>2021</b> , 72, 975-988	2	3

51	DEA Models For Supply Chain or Multi-Stage Structure <b>2007</b> , 189-208		2
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