Wade D Cook

List of Publications by Citations

110 papers	7,285 citations	41 h-index	85 g-index
110 ext. papers	8,154 ext. citations	3.5 avg, IF	6.17 L-index

#	Paper	IF	Citations
110	Data envelopment analysis (DEA) Thirty years on. *European Journal of Operational Research*, **2009**, 192, 1-17	5.6	940
109	Additive efficiency decomposition in two-stage DEA. *European Journal of Operational Research*, **2009**, 196, 1170-1176	5.6	435
108	DEA models for two-stage processes: Game approach and efficiency decomposition. *Naval Research Logistics*, **2008**, 55, 643-653	1.5	345
107	Measuring performance of two-stage network structures by DEA: A review and future perspective. *Omega*, **2010**, 38, 423-430	7.2	330
106	DEA models for supply chain efficiency evaluation. *Annals of Operations Research*, **2006**, 145, 35-49	3.2	291
105	Controlling Factor Weights in Data Envelopment Analysis. *IIE Transactions*, **1991**, 23, 2-9		277
104	Preference voting and project ranking using DEA and cross-evaluation. *European Journal of Operational Research*, **1996**, 90, 461-472	5.6	251
103	The DEA Game Cross-Efficiency Model and Its Nash Equilibrium. *Operations Research*, **2008**, 56, 1278-1288	2.3	244
102	A Data Envelopment Model for Aggregating Preference Rankings. *Management Science*, **1990**, 36, 1302-1310	3.9	239
101	Network DEA: Additive efficiency decomposition. *European Journal of Operational Research*, **2010**, 207, 1122-1129	5.6	233
100	Alternative secondary goals in DEA cross-efficiency evaluation. *International Journal of Production Economics*, **2008**, 113, 1025-1030	9.3	202
99	Priority Ranking and Consensus Formation. *Management Science*, **1978**, 24, 1721-1732	3.9	186
98	Multicomponent Efficiency Measurement and Shared Inputs in Data Envelopment Analysis: An Application to Sales and Service Performance in Bank Branches. *Journal of Productivity Analysis*, **2000**, 14, 209-224	1.8	179
97	Distance-based and ad hoc consensus models in ordinal preference ranking. *European Journal of Operational Research*, **2006**, 172, 369-385	5.6	165
96	Sales performance measurement in bank branches. *Omega*, **2001**, 29, 299-307	7.2	148
95	Deriving the DEA frontier for two-stage processes. *European Journal of Operational Research*, **2010**, 202, 138-142	5.6	144
94	Data Envelopment Analysis in the Presence of Both Quantitative and Qualitative Factors. *Journal of the Operational Research Society*, **1996**, 47, 945-953	2	140

93	Fixed cost and resource allocation based on DEA cross-efficiency. *European Journal of Operational Research*, **2014**, 235, 206-214	5.6	134
92	Network DEA pitfalls: Divisional efficiency and frontier projection under general network structures. *European Journal of Operational Research*, **2013**, 226, 507-515	5.6	119
91	Classifying inputs and outputs in data envelopment analysis. *European Journal of Operational Research*, **2007**, 180, 692-699	5.6	118
90	A multiple criteria decision model with ordinal preference data. *European Journal of Operational Research*, **1991**, 54, 191-198	5.6	115
89	Ordinal Ranking with Intensity of Preference. *Management Science*, **1985**, 31, 26-32	3.9	106
88	A bargaining game model for measuring performance of two-stage network structures. *European Journal of Operational Research*, **2011**, 210, 390-397	5.6	104
87	On the Use of Ordinal Data in Data Envelopment Analysis. *Journal of the Operational Research Society*, **1993**, 44, 133-140	2	93
86	Evaluating power plant efficiency: a hierarchical model. *Computers and Operations Research*, **2005**, 32, 813-823	4.6	77
85	A Dea Model For Measuring The Relative Eeficiency Of Highway Maintenance Patrols. *Infor*, **1990**, 28, 113-124	0.5	74
84	Data Envelopment Analysis with Nonhomogeneous DMUs. *Operations Research*, **2013**, 61, 666-676	2.3	73
83	Hierarchies and Groups in DEA. *Journal of Productivity Analysis*, **1998**, 10, 177-198	1.8	73
82	Rank order data in DEA: A general framework. *European Journal of Operational Research*, **2006**, 174, 1021-1038	2.6	73
81	Dual-role factors in data envelopment analysis. *IIE Transactions*, **2006**, 38, 105-115		72
80	Deriving weights from pairwise comparison ratio matrices: An axiomatic approach. *European Journal of Operational Research*, **1988**, 37, 355-362	5.6	71
79	On the Minimum Violations Ranking of a Tournament. *Management Science*, **1986**, 32, 660-672	3.9	70
78	A general framework for distance-based consensus in ordinal ranking models. *European Journal of Operational Research*, **1997**, 96, 392-397	5.6	65
77	Optimal Allocation of Proposals to Reviewers to Facilitate Effective Ranking. *Management Science*, **2005**, 51, 655-661	3.9	61
76	Data envelopment analysis efficiency in two-stage networks with feedback. *IIE Transactions*, **2011**, 43, 309-322		55

75	Prioritization models for frontier decision making units in DEA. *European Journal of Operational Research*, **1992**, 59, 319-323	5.6	54
74	An examination of the trade-off between internal and external IT capabilities. *Journal of Strategic Information Systems*, **2007**, 16, 5-23	13.3	53
73	Two-stage network DEA: Who is the leader?. *Omega*, **2018**, 74, 15-19	7.2	45
72	Multicomponent efficiency measurement and core business identification in multiplant firms: A DEA model. *European Journal of Operational Research*, **2004**, 157, 540-551	5.6	42
71	Bounded and discrete data and Likert scales in data envelopment analysis: application to regional energy efficiency in China. *Annals of Operations Research*, **2017**, 255, 347-366	3.2	41
70	Efficiency bounds in Data Envelopment Analysis. *European Journal of Operational Research*, **1996**, 89, 482-490	5.6	41
69	Strict vs. Weak Ordinal Relations for Multipliers in Data Envelopment Analysis. *Management Science* , **1991**, 37, 733-738	3.9	41
68	Creating a consensus ranking of proposals from reviewers□ partial ordinal rankings. *Computers and Operations Research*, **2007**, 34, 954-965	4.6	40
67	Partial input to output impacts in DEA: Production considerations and resource sharing among business subunits. *Naval Research Logistics*, **2013**, 60, 190-207	1.5	37
66	Within-group common benchmarking using DEA. *European Journal of Operational Research*, **2017**, 256, 901-910	5.6	35
65	CAR-DEA: Context-Dependent Assurance Regions in DEA. *Operations Research*, **2008**, 56, 69-78	2.3	35
64	Priority Ranking and Consensus Formation: The Case of Ties. *Management Science*, **1982**, 28, 638-645	3.9	35
63	Performance measurement with classification information: an enhanced additive DEA model. *Omega*, **2003**, 31, 439-450	7.2	32
62	Modeling Performance Measurement **2005**,		32
61	Two-stage network DEA: when intermediate measures can be treated as outputs from the second stage. *Journal of the Operational Research Society*, **2015**, 66, 1868-1877	2	27
60	DEA models for non-homogeneous DMUs with different input configurations. *European Journal of Operational Research*, **2016**, 254, 946-956	5.6	27
59	Multiple Variable Proportionality in Data Envelopment Analysis. *Operations Research*, **2011**, 59, 1024-1032	2.3	25
58	Information and preference in partial orders: A bimatrix representation. *Psychometrika*, **1986**, 51, 197-207	7.2	25

57	DEA as a tool for auditing: application to Chinese manufacturing industry with parallel network structures. *Annals of Operations Research*, **2018**, 263, 247-269	3.2	21
56	Aggregating Incomplete Lists of Journal Rankings: An Application to Academic Accounting Journals*. *Accounting Perspectives*, **2010**, 9, 217-235	0.6	21
55	Incorporating Multiprocess Performance Standards into the DEA Framework. *Operations Research*, **2006**, 54, 656-665	2.3	20
54	Building performance standards into data envelopment analysis structures. *IIE Transactions*, **2005**, 37, 267-275		17
53	Units invariant DEA when weight restrictions are present: ecological performance of US electricity industry. *Annals of Operations Research*, **2017**, 255, 323-346	3.2	16
52	Evaluation of ecological systems and the recycling of undesirable outputs: An efficiency study of regions in China. *Socio-Economic Planning Sciences*, **2017**, 60, 77-86	3.7	16
51	A multicriteria approach to country risk evaluation: With an example employing Japanese data. *International Review of Economics and Finance*, **1993**, 2, 327-348	2.8	16
50	Preface: DEA and its applications in operations and data analytics. *Annals of Operations Research*, **2019**, 278, 1-4	3.2	12
49	Output deterioration with input reduction in data envelopment analysis. *IIE Transactions*, **2003**, 35, 309-320		12
48	Partial input to output impacts in DEA: The case of DMU-specific impacts. *European Journal of Operational Research*, **2015**, 244, 837-844	5.6	11
47	Measuring efficiency with products, by-products and parent-offspring relations: A conditional two-stage DEA model. *Omega*, **2017**, 68, 95-104	7.2	8
46	Context-dependent performance standards in DEA. *Annals of Operations Research*, **2010**, 173, 163-175	3.2	8
45	Ordinal ranking and preference strength. *Mathematical Social Sciences*, **1986**, 11, 295-306	0.7	8
44	An ordinal ranking model for the highway corridor selection problem. *Computers, Environment and Urban Systems*, **1984**, 9, 271-276	5.9	8
43	Modelling Efficiency in Regional Innovation Systems: A Two-Stage Data Envelopment Analysis Problem with Shared Outputs within Groups of Decision-Making Units. *European Journal of Operational Research*, **2020**, 287, 572-582	5.6	8
42	Time-staged outputs in DEA. *Omega*, **2015**, 55, 1-9	7.2	7
41	Technology Implementation: A Comparative Study Of Canadian And U.S. Factories. *Infor*, **1998**, 36, 142-150		7
40	Partial efficiencies in data envelopment analysis. *Socio-Economic Planning Sciences*, **1993**, 27, 171-179	3.7	7

39	Relationships Between $l^1 $ Metrics on Linear Ranking Spaces. *SIAM Journal on Applied Mathematics*, **1984**, 44, 209-220	1.8	7
38	Modeling efficiency in the presence of multiple partial input to output processes. *Annals of Operations Research*, **2017**, 250, 235-248	3.2	6
37	Number of performance measures versus number of decision making units in DEA. *Annals of Operations Research*, **2019**, 303, 529	3.2	6
36	Selecting Sites for New Facilities Using Data Envelopment Analysis. *Journal of Productivity Analysis*, **2003**, 19, 77-91	1.8	6
35	Qualitative Data in Dea **2004**, 153-175		6
34	FINANCIAL LIBERALIZATION AND EFFICIENCY IN TUNISIAN BANKING INDUSTRY: DEA TEST. *International Journal of Information Technology and Decision Making*, **2005**, 04, 455-475	2.8	6
33	A conic relaxation model for searching for the global optimum of network data envelopment analysis. *European Journal of Operational Research*, **2020**, 280, 242-253	5.6	6
32	DEA Models for Parallel Systems: Game-Theoretic Approaches. *Asia-Pacific Journal of Operational Research*, **2015**, 32, 1550008	0.8	5
31	Preference ranking models: Conditions for equivalence. *Journal of Mathematical Sociology*, **1983**, 9, 125-137	1.2	5
30	Balancing Fairness and Efficiency: Performance Evaluation with Disadvantaged Units in Non-homogeneous Environments. *European Journal of Operational Research*, **2020**, 287, 1003-1013	5.6	4
29	Measuring efficiency in DEA in the presence of common inputs. *Journal of the Operational Research Society*, **2020**, 71, 1710-1722	2	4
28	Efficiency measurement for hierarchical situations. *Journal of the Operational Research Society*, **2021**, 72, 654-662	2	4
27	A Linear Value Function In Mixed Mcdm Problems With Incomplete Preference Data: An Extreme Point Approach. *Infor*, **2002**, 40, 331-346	0.5	3
26	Network DEA Pitfalls: Divisional Efficiency and Frontier Projection. *Profiles in Operations Research*, **2014**, 31-54	1	3
25	Qualitative Data in DEA. *Profiles in Operations Research*, **2011**, 151-172	1	3
24	An empirical study of IT as a factor of production: The case of Net-enabled IT assets. *Information Systems Frontiers*, **2010**, 12, 323-335	4	2
23	DEA Models For Supply Chain or Multi-Stage Structure **2007**, 189-208		2
22	Setting Performance Targents For New Decision Making Units In DEA. *Infor*, **1998**, 36, 177-188	0.5	2

21	Partial and multiple match tournaments. *Mathematical Social Sciences*, **1988**, 15, 303-306	0.7	2
20	DEA for Two-Stage Networks: Efficiency Decompositions and Modeling Techniques. *Profiles in Operations Research*, **2014**, 1-29	1	2
19	Setting goals for economic activities in Mexico. *Infor*, **2017**, 55, 161-187	0.5	1
18	Efficiency Measurement of Multistage Processes: Context Dependent Numbers of Stages. *Asia-Pacific Journal of Operational Research*, **2017**, 34, 1750032	0.8	1
17	Additive Efficiency Decomposition in Network DEA. *Profiles in Operations Research*, **2014**, 91-118	1	1
16	Evaluating Two-Stage Network Structures: Bargaining Game Approach. *Profiles in Operations Research*, **2014**, 165-187	1	1
15	Ranking **2005**, 275-284		1
14	Efficiency measurement with products and partially desirable co-products. *Journal of the Operational Research Society*, **2020**, 71, 335-345	2	1
13	Modelling efficiency in the presence of shared inputs within groups of DMUs. *Journal of the Operational Research Society*,1-17	2	1
12	Modeling DMU Internal Structures: Cooperative and Noncooperative Approaches. *Profiles in Operations Research*, **2011**, 297-313	1	1
11	Has the technological investment been worth it? Assessing the aggregate efficiency of non-homogeneous bank holding companies in the digital age. *Technological Forecasting and Social Change*, **2022**, 178, 121576	9.5	1
10	Rank Order Data In Dea **2007**, 13-34		0
9	Resource Allocation In R&D Departments. *Infor*, **1998**, 36, 41-57	0.5	0
8	Modelling the semi-additive production technology in DEA. *Omega*, **2021**, 103, 102385	7.2	0
7	Relationships Between $l^1 $ Metrics on Rankings: The Case of Ties. *SIAM Journal on Algebraic and Discrete Methods*, **1986**, 7, 445-451		
6	Evaluating Efficiency in Nonhomogeneous Environments. *Profiles in Operations Research*, **2020**, 33-52	1	
5	Multicomponent Efficiency Measurement in Banking. *Profiles in Operations Research*, **2014**, 377-403	1	
4	Evaluating Power Plant Efficiency: Hierarchical Models. *Profiles in Operations Research*, **2014**, 405-430	1	

3	Two-Stage Network Processes: DEA Frontier Identification. *Profiles in Operations Research*, **2014**, 79-89	1
2	Multicomponent Efficiency Measurement and Core Business Identification in Multiplant Firms. *Profiles in Operations Research*, **2014**, 431-449	1
1	Evaluating the Efficiencies of Academic Research Groups: A Problem of Shared Outputs. *Asia-Pacific Journal of Operational Research*, **2018**, 35, 1850042	0.8