Inmaculada Sirvent

List of Publications by Year
in descending order

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35 papers	1,933 citations	331259 21 h-index	377514 34 g-index
35 all docs	35 docs citations	35 times ranked	959 citing authors

#	Article	IF	Citations
1	An enhanced DEA Russell graph efficiency measure. European Journal of Operational Research, 1999, 115, 596-607.	3.5	390
2	Closest targets and minimum distance to the Pareto-efficient frontier in DEA. Journal of Productivity Analysis, 2007, 28, 209-218.	0.8	215
3	A fuzzy mathematical programming approach to the assessment of efficiency with DEA models. Fuzzy Sets and Systems, 2003, 139, 407-419.	1.6	165
4	Choosing weights from alternative optimal solutions of dual multiplier models in DEA. European Journal of Operational Research, 2007, 180, 443-458.	3.5	116
5	Selecting non-zero weights to evaluate effectiveness of basketball players with DEA. European Journal of Operational Research, 2009, 195, 563-574.	3.5	105
6	On the choice of weights profiles in cross-efficiency evaluations. European Journal of Operational Research, 2010, 207, 1564-1572.	3.5	89
7	Reducing differences between profiles of weights: A â€œpeer-restrictedâ€•cross-efficiency evaluation. Omega, 2011, 39, 634-641.	3.6	69
8	Common benchmarking and ranking of units with DEA. Omega, 2016, 65, 1-9.	3.6	69
9	Benchmarking and target setting with expert preferences: An application to the evaluation of educational performance of Spanish universities. European Journal of Operational Research, 2015, 242, 594-605.	3.5	68
10	Common sets of weights as summaries of DEA profiles of weights: With an application to the ranking of professional tennis players. Expert Systems With Applications, 2012, 39, 4882-4889.	4.4	66
11	A statistical test for detecting influential observations in DEA. European Journal of Operational Research, 1999, 115, 542-554.	3.5	56
12	Ranking ranges in cross-efficiency evaluations. European Journal of Operational Research, 2013, 226, 516-521.	3.5	50
13	DEA-based benchmarking for performance evaluation in pay-for-performance incentive plans. Omega, 2019, 84, 45-54.	3.6	46
14	Within-group common benchmarking using DEA. European Journal of Operational Research, 2017, 256, 901-910.	3.5	45
15	Two-step benchmarking: Setting more realistically achievable targets in DEA. Expert Systems With Applications, 2018, 92, 124-131.	4.4	45
16	On the DEA total weight flexibility and the aggregation in cross-efficiency evaluations. European Journal of Operational Research, 2012, 223, 732-738.	3.5	43
17	Performance evaluation through DEA benchmarking adjusted to goals. Omega, 2019, 87, 150-157.	3.6	39
18	A multiplier bound approach to assess relative efficiency in DEA without slacks. European Journal of Operational Research, 2010, 203, 261-269.	3.5	37

#	Article	IF	Citations
19	Dominance relations and ranking of units by using interval number ordering with cross-efficiency intervals. Journal of the Operational Research Society, 2014, 65, 1336-1343.	2.1	27
20	Avoiding Large Differences in Weights in Cross-Efficiency Evaluations: Application to the Ranking of Basketball Players. Journal of CENTRUM Cathedra (JCC) the Business and Economics Research Journal, 2011, 4, 197-215.	0.4	24
21	Fuzzy cross-efficiency evaluation: a possibility approach. Fuzzy Optimization and Decision Making, 2017, 16, 111-126.	3.4	23
22	Using Induced Ordered Weighted Averaging (IOWA) Operators for Aggregation in Cross-Efficiency Evaluations. International Journal of Intelligent Systems, 2014, 29, 1100-1116.	3.3	20
23	Choices and Uses of DEA Weights. Profiles in Operations Research, 2011, , 93-126.	0.3	20
24	A DEA approach to derive individual lower and upper bounds for the technical and allocative components of the overall profit efficiency. Journal of the Operational Research Society, 2011, 62, 1907-1916.	2.1	19
25	A MONTE CARLO EVALUATION OF SEVERAL TESTS FOR THE SELECTION OF VARIABLES IN DEA MODELS. International Journal of Information Technology and Decision Making, 2005, 04, 325-343.	2.3	18
26	Cross-benchmarking for performance evaluation: Looking across best practices of different peer groups using DEA. Omega, 2020, 92, 102169.	3.6	16
27	Benchmarking within a DEA framework: setting the closest targets and identifying peer groups with the most similar performances. International Transactions in Operational Research, 2022, 29, 554-573.	1.8	13
28	A new pricing scheme based on DEA for iterative multi-unit combinatorial auctions. Top, 2008, 16, 319-344.	1.1	11
29	Techniques for the assessment of influence in DEA. European Journal of Operational Research, 2001, 132, 390-399.	3.5	6
30	Searching for alternatives to the closest targets: Identifying new directions for improvement while controlling additional efforts. Journal of the Operational Research Society, 2021, 72, 2770-2782.	2.1	5
31	Ranking Decision Making Units: The Cross-Efficiency Evaluation. Profiles in Operations Research, 2016, , 1-29.	0.3	5
32	On the Use of DEA Models with Weight Restrictions for Benchmarking and Target Setting. Profiles in Operations Research, 2016, , 149-180.	0.3	5
33	Measuring scale effects in the allocative profit efficiency. Socio-Economic Planning Sciences, 2012, 46, 242-246.	2.5	3
34	Cross-Efficiency in Fuzzy Data Envelopment Analysis (FDEA): Some Proposals. Studies in Fuzziness and Soft Computing, 2014, , 101-116.	0.6	3
35	Identifying suitable benchmarks in the way toward achieving targets using data envelopment analysis. International Transactions in Operational Research, 0, , .	1.8	2