

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

2,215
citations

279487

23
h-index

301761

39
g-index

41
all docs

41
docs citations

41
times ranked

1094
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | An enhanced DEA Russell graph efficiency measure. <i>European Journal of Operational Research</i> , 1999, 115, 596-607. | 3.5 | 390 |
| 2 | Closest targets and minimum distance to the Pareto-efficient frontier in DEA. <i>Journal of Productivity Analysis</i> , 2007, 28, 209-218. | 0.8 | 215 |
| 3 | A fuzzy mathematical programming approach to the assessment of efficiency with DEA models. <i>Fuzzy Sets and Systems</i> , 2003, 139, 407-419. | 1.6 | 165 |
| 4 | A Statistical Test for Nested Radial Dea Models. <i>Operations Research</i> , 2002, 50, 728-735. | 1.2 | 130 |
| 5 | Choosing weights from alternative optimal solutions of dual multiplier models in DEA. <i>European Journal of Operational Research</i> , 2007, 180, 443-458. | 3.5 | 116 |
| 6 | Selecting non-zero weights to evaluate effectiveness of basketball players with DEA. <i>European Journal of Operational Research</i> , 2009, 195, 563-574. | 3.5 | 105 |
| 7 | On the choice of weights profiles in cross-efficiency evaluations. <i>European Journal of Operational Research</i> , 2010, 207, 1564-1572. | 3.5 | 89 |
| 8 | Reducing differences between profiles of weights: A "peer-restricted" cross-efficiency evaluation. <i>Omega</i> , 2011, 39, 634-641. | 3.6 | 69 |
| 9 | Common benchmarking and ranking of units with DEA. <i>Omega</i> , 2016, 65, 1-9. | 3.6 | 69 |
| 10 | Benchmarking and target setting with expert preferences: An application to the evaluation of educational performance of Spanish universities. <i>European Journal of Operational Research</i> , 2015, 242, 594-605. | 3.5 | 68 |
| 11 | Common sets of weights as summaries of DEA profiles of weights: With an application to the ranking of professional tennis players. <i>Expert Systems With Applications</i> , 2012, 39, 4882-4889. | 4.4 | 66 |
| 12 | A statistical test for detecting influential observations in DEA. <i>European Journal of Operational Research</i> , 1999, 115, 542-554. | 3.5 | 56 |
| 13 | Ranking ranges in cross-efficiency evaluations. <i>European Journal of Operational Research</i> , 2013, 226, 516-521. | 3.5 | 50 |
| 14 | Cross-efficiency evaluation with directional distance functions. <i>European Journal of Operational Research</i> , 2013, 228, 181-189. | 3.5 | 47 |
| 15 | DEA-based benchmarking for performance evaluation in pay-for-performance incentive plans. <i>Omega</i> , 2019, 84, 45-54. | 3.6 | 46 |
| 16 | Variables With Negative Values In Dea. , 2007, , 63-84. | | 45 |
| 17 | Within-group common benchmarking using DEA. <i>European Journal of Operational Research</i> , 2017, 256, 901-910. | 3.5 | 45 |
| 18 | Two-step benchmarking: Setting more realistically achievable targets in DEA. <i>Expert Systems With Applications</i> , 2018, 92, 124-131. | 4.4 | 45 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |
| 20 | Performance evaluation through DEA benchmarking adjusted to goals. Omega, 2019, 87, 150-157. | 3.6 | 39 |
| 21 | A multiplier bound approach to assess relative efficiency in DEA without slacks. European Journal of Operational Research, 2010, 203, 261-269. | 3.5 | 37 |
| 22 | 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 |
| 23 | Assessing Professional Tennis Players Using Data Envelopment Analysis (DEA). Journal of Sports Economics, 2013, 14, 276-302. | 1.1 | 25 |
| 24 | 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 |
| 25 | Fuzzy cross-efficiency evaluation: a possibility approach. Fuzzy Optimization and Decision Making, 2017, 16, 111-126. | 3.4 | 23 |
| 26 | Robust DEA efficiency scores: A probabilistic/combinatorial approach. Expert Systems With Applications, 2017, 86, 145-154. | 4.4 | 23 |
| 27 | 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 |
| 28 | Choices and Uses of DEA Weights. Profiles in Operations Research, 2011, , 93-126. | 0.3 | 20 |
| 29 | 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 |
| 30 | 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 |
| 31 | Cross-benchmarking for performance evaluation: Looking across best practices of different peer groups using DEA. Omega, 2020, 92, 102169. | 3.6 | 16 |
| 32 | Data Envelopment Analysis and Cross-Efficiency Evaluation in the Management of Sports Teams: The Assessment of Game Performance of Players in the Spanish Handball League. Journal of Sport Management, 2013, 27, 217-229. | 0.7 | 15 |
| 33 | 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 |
| 34 | Game Performance Versus Competitive Performance in the World Championship of Handball 2011. Journal of Human Kinetics, 2013, 36, 137-147. | 0.7 | 10 |
| 35 | Techniques for the assessment of influence in DEA. European Journal of Operational Research, 2001, 132, 390-399. | 3.5 | 6 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Ranking Decision Making Units: The Cross-Efficiency Evaluation. Profiles in Operations Research, 2016, , 1-29. | 0.3 | 5 |
| 38 | On the Use of DEA Models with Weight Restrictions for Benchmarking and Target Setting. Profiles in Operations Research, 2016, , 149-180. | 0.3 | 5 |
| 39 | Measuring scale effects in the allocative profit efficiency. Socio-Economic Planning Sciences, 2012, 46, 242-246. | 2.5 | 3 |
| 40 | Identifying suitable benchmarks in the way toward achieving targets using data envelopment analysis. International Transactions in Operational Research, 0, , . | 1.8 | 2 |
| 41 | Sharpe Portfolio Using a Cross-Efficiency Evaluation. Profiles in Operations Research, 2020, , 415-439. | 0.3 | 1 |