

# 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	Benchmarking within a DEA framework: setting the closest targets and identifying peer groups with the most similar performances. <i>International Transactions in Operational Research</i> , 2022, 29, 554-573.	1.8	13
2	Searching for alternatives to the closest targets: Identifying new directions for improvement while controlling additional efforts. <i>Journal of the Operational Research Society</i> , 2021, 72, 2770-2782.	2.1	5
3	Cross-benchmarking for performance evaluation: Looking across best practices of different peer groups using DEA. <i>Omega</i> , 2020, 92, 102169.	3.6	16
4	Performance evaluation through DEA benchmarking adjusted to goals. <i>Omega</i> , 2019, 87, 150-157.	3.6	39
5	DEA-based benchmarking for performance evaluation in pay-for-performance incentive plans. <i>Omega</i> , 2019, 84, 45-54.	3.6	46
6	Two-step benchmarking: Setting more realistically achievable targets in DEA. <i>Expert Systems With Applications</i> , 2018, 92, 124-131.	4.4	45
7	Fuzzy cross-efficiency evaluation: a possibility approach. <i>Fuzzy Optimization and Decision Making</i> , 2017, 16, 111-126.	3.4	23
8	Within-group common benchmarking using DEA. <i>European Journal of Operational Research</i> , 2017, 256, 901-910.	3.5	45
9	Common benchmarking and ranking of units with DEA. <i>Omega</i> , 2016, 65, 1-9.	3.6	69
10	Ranking Decision Making Units: The Cross-Efficiency Evaluation. <i>Profiles in Operations Research</i> , 2016, , 1-29.	0.3	5
11	On the Use of DEA Models with Weight Restrictions for Benchmarking and Target Setting. <i>Profiles in Operations Research</i> , 2016, , 149-180.	0.3	5
12	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
13	Dominance relations and ranking of units by using interval number ordering with cross-efficiency intervals. <i>Journal of the Operational Research Society</i> , 2014, 65, 1336-1343.	2.1	27
14	Using Induced Ordered Weighted Averaging (IOWA) Operators for Aggregation in Cross-Efficiency Evaluations. <i>International Journal of Intelligent Systems</i> , 2014, 29, 1100-1116.	3.3	20
15	Cross-Efficiency in Fuzzy Data Envelopment Analysis (FDEA): Some Proposals. <i>Studies in Fuzziness and Soft Computing</i> , 2014, , 101-116.	0.6	3
16	Ranking ranges in cross-efficiency evaluations. <i>European Journal of Operational Research</i> , 2013, 226, 516-521.	3.5	50
17	Measuring scale effects in the allocative profit efficiency. <i>Socio-Economic Planning Sciences</i> , 2012, 46, 242-246.	2.5	3
18	On the DEA total weight flexibility and the aggregation in cross-efficiency evaluations. <i>European Journal of Operational Research</i> , 2012, 223, 732-738.	3.5	43

#	ARTICLE	IF	CITATIONS
19	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
20	A DEA approach to derive individual lower and upper bounds for the technical and allocative components of the overall profit efficiency. <i>Journal of the Operational Research Society</i> , 2011, 62, 1907-1916.	2.1	19
21	Reducing differences between profiles of weights: A "peer-restricted" cross-efficiency evaluation. <i>Omega</i> , 2011, 39, 634-641.	3.6	69
22	Choices and Uses of DEA Weights. <i>Profiles in Operations Research</i> , 2011, , 93-126.	0.3	20
23	Avoiding Large Differences in Weights in Cross-Efficiency Evaluations: Application to the Ranking of Basketball Players. <i>Journal of CENTRUM Cathedra (JCC) the Business and Economics Research Journal</i> , 2011, 4, 197-215.	0.4	24
24	A multiplier bound approach to assess relative efficiency in DEA without slacks. <i>European Journal of Operational Research</i> , 2010, 203, 261-269.	3.5	37
25	On the choice of weights profiles in cross-efficiency evaluations. <i>European Journal of Operational Research</i> , 2010, 207, 1564-1572.	3.5	89
26	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
27	A new pricing scheme based on DEA for iterative multi-unit combinatorial auctions. <i>Top</i> , 2008, 16, 319-344.	1.1	11
28	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
29	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
30	A MONTE CARLO EVALUATION OF SEVERAL TESTS FOR THE SELECTION OF VARIABLES IN DEA MODELS. <i>International Journal of Information Technology and Decision Making</i> , 2005, 04, 325-343.	2.3	18
31	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
32	Techniques for the assessment of influence in DEA. <i>European Journal of Operational Research</i> , 2001, 132, 390-399.	3.5	6
33	An enhanced DEA Russell graph efficiency measure. <i>European Journal of Operational Research</i> , 1999, 115, 596-607.	3.5	390
34	A statistical test for detecting influential observations in DEA. <i>European Journal of Operational Research</i> , 1999, 115, 542-554.	3.5	56
35	Identifying suitable benchmarks in the way toward achieving targets using data envelopment analysis. <i>International Transactions in Operational Research</i> , 0, , .	1.8	2