

Ana S Camanho

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

3,658
citations

159585

30
h-index

138484

58
g-index

81
all docs

81
docs citations

81
times ranked

2535
citing authors

#	ARTICLE	IF	CITATIONS
1	Pitfalls and protocols in DEA. European Journal of Operational Research, 2001, 132, 245-259.	5.7	1,145
2	Cost efficiency measurement with price uncertainty: a DEA application to bank branch assessments. European Journal of Operational Research, 2005, 161, 432-446.	5.7	180
3	Evaluation of performance of European cities with the aim to promote quality of life improvements. Omega, 2011, 39, 398-409.	5.9	125
4	Data envelopment analysis and Malmquist indices for measuring group performance. Journal of Productivity Analysis, 2006, 26, 35-49.	1.6	119
5	Undesirable outputs and weighting schemes in composite indicators based on data envelopment analysis. European Journal of Operational Research, 2015, 245, 517-530.	5.7	112
6	Efficiency, size, benchmarks and targets for bank branches: an application of data envelopment analysis. Journal of the Operational Research Society, 1999, 50, 903-915.	3.4	108
7	Performance Assessment of Construction Companies Integrating Key Performance Indicators and Data Envelopment Analysis. Journal of Construction Engineering and Management - ASCE, 2010, 136, 581-594.	3.8	93
8	Performance trends in the construction industry worldwide: an overview of the turn of the century. Journal of Productivity Analysis, 2013, 39, 89-99.	1.6	81
9	Performance assessment of construction companies: A study of factors promoting financial soundness and innovation in the industry. International Journal of Production Economics, 2012, 137, 84-93.	8.9	78
10	Public Green Space Use and Consequences on Urban Vitality: An Assessment of European Cities. Social Indicators Research, 2013, 113, 751-767.	2.7	74
11	A generalisation of the Farrell cost efficiency measure applicable to non-fully competitive settings. Omega, 2008, 36, 147-162.	5.9	72
12	The assessment of cities'™ livability integrating human wellbeing and environmental impact. Annals of Operations Research, 2015, 226, 695-726.	4.1	72
13	Modeling partial customer churn: On the value of first product-category purchase sequences. Expert Systems With Applications, 2012, 39, 11250-11256.	7.6	71
14	Cost efficiency, production and value-added models in the analysis of bank branch performance. Journal of the Operational Research Society, 2005, 56, 483-494.	3.4	62
15	Measurement of input-specific productivity growth with an application to the construction industry in Spain and Portugal. International Journal of Production Economics, 2015, 166, 64-71.	8.9	61
16	The assessment of retailing efficiency using Network Data Envelopment Analysis. Annals of Operations Research, 2010, 173, 5-24.	4.1	60
17	Company failure prediction in the construction industry. Expert Systems With Applications, 2013, 40, 6253-6257.	7.6	60
18	A review of the application of driving forces " Pressure " State " Impact " Response framework to fisheries management. Ocean and Coastal Management, 2012, 69, 273-281.	4.4	57

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19	Benchmarking countries's environmental performance. Journal of the Operational Research Society, 2013, 64, 426-438.	3.4	50
20	Customer data mining for lifestyle segmentation. Expert Systems With Applications, 2012, 39, 9359-9366.	7.6	49
21	Efficiency analysis accounting for internal and external non-discretionary factors. Computers and Operations Research, 2009, 36, 1591-1601.	4.0	46
22	The measurement of relative efficiency using data envelopment analysis with assurance regions that link inputs and outputs. European Journal of Operational Research, 2010, 203, 761-770.	5.7	45
23	Productivity change and innovation in Norwegian electricity distribution companies. Journal of the Operational Research Society, 2012, 63, 982-990.	3.4	43
24	Customer attrition in retailing: An application of Multivariate Adaptive Regression Splines. Expert Systems With Applications, 2013, 40, 6225-6232.	7.6	43
25	Competitive positioning and performance assessment in the construction industry. Expert Systems With Applications, 2014, 41, 974-983.	7.6	43
26	Predicting direct marketing response in banking: comparison of class imbalance methods. Service Business, 2017, 11, 831-849.	4.2	41
27	Quality of Life Experienced by Human Capital: An Assessment of European Cities. Social Indicators Research, 2013, 110, 187-206.	2.7	40
28	Incorporating preference information in a range directional composite indicator: The case of Portuguese public hospitals. European Journal of Operational Research, 2021, 294, 633-650.	5.7	34
29	Productivity change of the artisanal fishing fleet in Portugal: A Malmquist index analysis. Fisheries Research, 2009, 95, 189-197.	1.7	33
30	The assessment of corporate social responsibility: The construction of an industry ranking and identification of potential for improvement. European Journal of Operational Research, 2019, 278, 498-513.	5.7	32
31	Performance assessment of secondary schools: the snapshot of a country taken by DEA. Journal of the Operational Research Society, 2012, 63, 1098-1115.	3.4	28
32	Expanded eco-efficiency assessment of large mining firms. Journal of Cleaner Production, 2017, 142, 2364-2373.	9.3	24
33	The convergence of the World Health Organization Member States regarding the United Nations's Sustainable Development Goal "Good health and well-being". Omega, 2021, 104, 102495.	5.9	24
34	Technical and economic efficiency analysis of the Portuguese artisanal dredge fleet. ICES Journal of Marine Science, 2010, 67, 1811-1821.	2.5	22
35	A nonparametric methodology for evaluating convergence in a multi-input multi-output setting. European Journal of Operational Research, 2015, 246, 554-561.	5.7	22
36	A temporal progressive analysis of the social performance of mining firms based on a Malmquist index estimated with a Benefit-of-the-Doubt directional model. Journal of Cleaner Production, 2020, 267, 121807.	9.3	22

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37	Performance comparison of retailing stores using a Malmquist-type index. Journal of the Operational Research Society, 2012, 63, 631-645.	3.4	20
38	Predicting partial customer churn using Markov for discrimination for modeling first purchase sequences. Advances in Data Analysis and Classification, 2012, 6, 337-353.	1.4	20
39	Assessing the evolution of school performance and value-added: trends over four years. Journal of Productivity Analysis, 2013, 39, 1-14.	1.6	20
40	Performance benchmarking using composite indicators to support regulation of the Portuguese wastewater sector. Utilities Policy, 2020, 66, 101082.	4.0	20
41	Internal benchmarking to assess the cost efficiency of a broiler production system combining data envelopment analysis and throughput accounting. International Journal of Production Economics, 2021, 238, 108173.	8.9	19
42	Estimation of Origin-Destination matrices under Automatic Fare Collection: the case study of Porto transportation system. Transportation Research Procedia, 2017, 27, 664-671.	1.5	18
43	The performance of education systems in the light of Europe 2020 strategy. Annals of Operations Research, 2020, 288, 577-608.	4.1	18
44	Analysis of complementary methodologies for the estimation of school value added. Journal of the Operational Research Society, 2010, 61, 1122-1132.	3.4	17
45	Design of Performance Assessment System for Selection of Contractors in Construction Industry E-Marketplaces. Journal of Construction Engineering and Management - ASCE, 2013, 139, 910-917.	3.8	16
46	THE IMPACT OF INTERNATIONALIZATION AND DIVERSIFICATION ON CONSTRUCTION INDUSTRY PERFORMANCE. International Journal of Strategic Property Management, 2016, 20, 172-183.	1.8	16
47	The use of composite indicators to evaluate the performance of Brazilian hydropower plants. International Transactions in Operational Research, 2018, 25, 1323-1343.	2.7	15
48	The use of frontier techniques to identify efficient solutions for the Berth Allocation Problem solved with a hybrid evolutionary algorithm. Computers and Operations Research, 2019, 107, 43-60.	4.0	14
49	Benchmarking of secondary schools based on Students'™ results in higher education. Omega, 2020, 95, 102119.	5.9	13
50	Performance assessment of water services in Brazilian municipalities: An integrated view of efficiency and access. Socio-Economic Planning Sciences, 2022, 79, 101139.	5.0	13
51	Benchmarking hospitals through a web based platform. Benchmarking, 2016, 23, 722-739.	4.6	12
52	BESP – benchmarking of Portuguese secondary schools. Benchmarking, 2011, 18, 240-260.	4.6	11
53	Residential building resource consumption: A comparison of Portuguese municipalities' performance. Cities, 2016, 50, 54-61.	5.6	11
54	Solving the grocery backroom sizing problem. International Journal of Production Research, 2020, 58, 5707-5720.	7.5	10

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55	Mining Customer Loyalty Card Programs: The Improvement of Service Levels Enabled by Innovative Segmentation and Promotions Design. Lecture Notes in Business Information Processing, 2011, , 83-97.	1.0	10
56	The influence of catch quotas on the productivity of the Portuguese bivalve dredge fleet. ICES Journal of Marine Science, 2013, 70, 1378-1388.	2.5	8
57	Enhancing the performance of quota managed fisheries using seasonality information: The case of the Portuguese artisanal dredge fleet. Marine Policy, 2014, 45, 114-120.	3.2	8
58	The phycotoxins ^{x3} impact on the revenue of the Portuguese artisanal dredge fleet. Marine Policy, 2015, 52, 45-51.	3.2	8
59	Performance evaluation of problematic samples: a robust nonparametric approach for wastewater treatment plants. Annals of Operations Research, 2022, 315, 193-220.	4.1	8
60	A system dynamics model to support the management of artisanal dredge fisheries in the south coast of Portugal. International Transactions in Operational Research, 2015, 22, 611-634.	2.7	7
61	Evaluating the influence of skipper skills in the performance of Portuguese artisanal dredge vessels. ICES Journal of Marine Science, 2016, 73, 2721-2728.	2.5	7
62	Improving the Robustness of Bus Schedules Using an Optimization Model. Studies in Big Data, 2015, , 79-87.	1.1	7
63	Performance benchmarking of power-to-gas plants using Composite Indicators. International Journal of Hydrogen Energy, 2021, , .	7.1	7
64	The assessment of performance trends and convergence in education and training systems of European countries. European Journal of Operational Research, 2023, 305, 356-372.	5.7	7
65	Performance assessment of upper secondary schools in Italian regions using a circular pseudo-Malmquist index. European Journal of Operational Research, 2021, 289, 1188-1208.	5.7	5
66	A Master Program in Services Engineering and Management at the University of Porto. Service Science: Research and Innovations in the Service Economy, 2008, , 181-190.	1.1	5
67	An improvement on the Tracy and Chen model – A generalized model for weight restrictions in DEA TM . Journal of the Operational Research Society, 2010, 61, 1789-1793.	3.4	4
68	Forecasting bivalve landings with multiple regression and data mining techniques: The case of the Portuguese Artisanal Dredge Fleet. Marine Policy, 2017, 84, 110-118.	3.2	3
69	Leveraging logistics flows to improve the sludge management process of wastewater treatment plants. Journal of Cleaner Production, 2020, 276, 122720.	9.3	3
70	Improving the Service Level of Bus Transportation Systems: Evaluation and Optimization of Bus Schedules TM Robustness. Lecture Notes in Business Information Processing, 2016, , 604-618.	1.0	2
71	A system TM level optimization framework for efficiency and effectiveness improvement of wastewater treatment plants. International Transactions in Operational Research, 2022, 29, 3370-3399.	2.7	2
72	Exploring the Relationship Between Corruption and Health Care Services, Education Services and Standard of Living. Lecture Notes in Business Information Processing, 2017, , 87-100.	1.0	1

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73	Evaluating the short-term effect of cross-market discounts in purchases using neural networks: A case in retail sector. Expert Systems, 2019, 36, e12452.	4.5	1
74	Benchmarking clinical practice in surgery: looking beyond traditional mortality rates. Health Care Management Science, 2015, 18, 431-443.	2.6	0
75	The Assessment of Municipal Services: Environmental Efficiency of Buildings Construction. Lecture Notes in Business Information Processing, 2016, , 237-250.	1.0	0
76	Preface to the special issue on performance measurement and efficiency analysis—theory and practice. Decisions in Economics and Finance, 2020, 43, 409-412.	1.8	0
77	The Assessment of Performance of Educational Services: The Case of Portuguese Secondary Schools. Lecture Notes in Business Information Processing, 2016, , 717-731.	1.0	0
78	Performance Evaluation of European Power Systems. Springer Proceedings in Mathematics and Statistics, 2019, , 73-89.	0.2	0
79	Benchmarking the Metabolism of European Union Countries to Promote the Continuous Improvement of Service Ecosystems. Lecture Notes in Business Information Processing, 2020, , 319-333.	1.0	0
80	Identifying Relevant Transfer-Connections from Entry-Only Automatic Fare Collection Data: The Case Study of Porto. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 63-76.	0.3	0