Gabriel Villa

List of Publications by Year
in descending order

27 papers	1,131 citations	623734 14 h-index	552781 26 g-index
28 all docs	28 docs citations	28 times ranked	606 citing authors

#	Article	IF	Citations
1	Centralized Resource Allocation Using Data Envelopment Analysis. Journal of Productivity Analysis, 2004, 22, 143-161.	1.6	241
2	Centralised reallocation of emission permits using DEA. European Journal of Operational Research, 2009, 193, 752-760.	5.7	126
3	Measuring the performance of nations at the Summer Olympics using data envelopment analysis. Journal of the Operational Research Society, 2002, 53, 501-511.	3.4	108
4	Data envelopment analysis of integer-valued inputs and outputs. Computers and Operations Research, 2006, 33, 3004-3014.	4.0	94
5	Centralised target setting for regional recycling operations using DEA. Omega, 2004, 32, 101-110.	5.9	91
6	Application of centralised DEA approach to capital budgeting in Spanish ports. Computers and Industrial Engineering, 2011, 60, 455-465.	6.3	86
7	Centralized DEA models with the possibility of downsizing. Journal of the Operational Research Society, 2005, 56, 357-364.	3.4	73
8	Determining a sequence of targets in DEA. Journal of the Operational Research Society, 2005, 56, 1439-1447.	3.4	56
9	Multiobjective target setting in data envelopment analysis using AHP. Computers and Operations Research, 2009, 36, 549-564.	4.0	42
10	DEA-based pre-merger planning tool. Journal of the Operational Research Society, 2010, 61, 1485-1497.	3.4	35
11	Gradual technical and scale efficiency improvement inÂDEA. Annals of Operations Research, 2010, 173, 123-136.	4.1	30
12	A DEA analysis of electricity distribution in Spain: An industrial policy recommendation. Energy Policy, 2017, 102, 583-592.	8.8	29
13	Assessing the scoring efficiency of a football match. European Journal of Operational Research, 2016, 255, 559-569.	5.7	25
14	Dynamic Network DEA approach to basketball games efficiency. Journal of the Operational Research Society, 2018, 69, 1738-1750.	3.4	19
15	Coordinated scheduling of production and delivery from multiple plants and with time windows using genetic algorithms. , 0, , .		15
16	Integer Dea Models. , 2007, , 271-289.		10
17	Data envelopment analysis with multiple modes of functioning. Application to reconfigurable manufacturing systems. International Journal of Production Research, 2017, 55, 7566-7583.	7.5	9
18	Efficiency benchmarking and remuneration of Spanish electricity distribution companies. Utilities Policy, 2020, 67, 101127.	4.0	9

#	Article	IF	Citations
19	Data Envelopment Analysis Approach to Energy-Saving Projects Selection in an Energy Service Company. Mathematics, 2021, 9, 200.	2.2	7
20	An analysis of geographic and product diversification in crop planning strategy. Agricultural Systems, 2019, 174, 117-124.	6.1	6
21	Efficiency Assessment of Reconfigurable Manufacturing Systems. Procedia Manufacturing, 2017, 11, 1027-1034.	1.9	4
22	Crop Planning in Synchronized Crop-Demand Scenarios: A Biobjective Optimization Formulation. Horticulturae, 2021, 7, 347.	2.8	4
23	Measuring the performance of nations at the Summer Olympics using data envelopment analysis. Journal of the Operational Research Society, 2002, 53, 501-511.	3.4	3
24	Assessing Offensive/Defensive Strategies in a Football Match Using DEA. International Journal of Sport Finance, 2019, 14, 131-146.	0.7	3
25	Data envelopment analysis of systems with multiple modes of functioning. Annals of Operations Research, 2019, 278, 17-41.	4.1	2
26	DEA with non-monotonic variables. Application to EU governments' macroeconomic efficiency. Journal of the Operational Research Society, 2016, 67, 1510-1523.	3.4	1
27	Data Envelopment Analysis and Non-parametric Analysis. Profiles in Operations Research, 2020, , 121-160.	0.4	1