HÃ©ctor A LÃ³pez-Ospina

List of Publications by Year
in descending order

24 papers	352 citations	933264 10 h-index	839398 18 g-index
24 all docs	24 docs citations	24 times ranked	306 citing authors

#	Article	IF	Citations
1	Identifying causal relationships in strategy maps using ANP and DEMATEL. Computers and Industrial Engineering, 2018, 118, 170-179.	3.4	74
2	An integrated method to plan, structure and validate a business strategy using fuzzy DEMATEL and the balanced scorecard. Expert Systems With Applications, 2019, 122, 351-368.	4.4	57
3	A method for designing a strategy map using AHP and linear programming. International Journal of Production Economics, 2014, 158, 244-255.	5.1	36
4	A method for designing strategy maps using DEMATEL and linear programming. Management Decision, 2017, 55, 1802-1823.	2.2	25
5	School location and capacity modification considering the existence of externalities in students school choice. Computers and Industrial Engineering, 2015, 80, 284-294.	3.4	21
6	A fleet management model for the Santiago Fire Department. Fire Safety Journal, 2016, 82, 1-11.	1.4	21
7	Retail store location and pricing within a competitive environment using constrained multinomial logit. Applied Mathematical Modelling, 2019, 75, 521-534.	2.2	21
8	Environmental repercussions of parking demand management strategies using a constrained logit model. Transportation Research, Part D: Transport and Environment, 2016, 48, 125-140.	3.2	19
9	Pricing and composition of bundles with constrained multinomial logit. International Journal of Production Research, 2016, 54, 3994-4007.	4.9	16
10	Microeconomic model of residential location incorporating life cycle and social expectations. Computers, Environment and Urban Systems, 2016, 55, 33-43.	3.3	12
11	Design of a location and transportation optimization model including quality of service using constrained multinomial logit. Applied Mathematical Modelling, 2021, 89, 428-453.	2.2	9
12	A time-hierarchical microeconomic model of activities. Transportation, 2015, 42, 211-236.	2.1	6
13	Residential relocation dynamics: A microeconomic model based on agentsâ€™ socioeconomic change and learning. Journal of Mathematical Sociology, 2017, 41, 46-61.	0.6	5
14	Pricing and lot sizing optimization in a two-echelon supply chain with a constrained Logit demand function. International Journal of Industrial Engineering Computations, 2018, , 205-220.	0.4	5
15	Tolerancia a la diversidad y segregaciÃ³n residencial. Una adaptaciÃ³n del modelo de segregaciÃ³n de Schelling con tres grupos sociales. Eure, 2017, 43, 5-24.	0.3	4
16	Integrating pricing and coordinated inventory decisions between one warehouse and multiple retailers. Journal of Industrial and Production Engineering, 2021, 38, 536-546.	2.1	4
17	A maximum entropy optimization model for origin-destination trip matrix estimation with fuzzy entropic parameters. Transportmetrica A: Transport Science, 2022, 18, 963-1000.	1.3	3
18	Optimal bundle composition in competition for continuous attributes. European Journal of Operational Research, 2021, 293, 1168-1187.	3.5	3

#	Article	IF	Citations
19	A road pricing model involving social costs and infrastructure financing policies. Applied Mathematical Modelling, 2022, 105, 729-750.	2.2	3
20	Ranking of problems and solutions in the teaching and learning of object-oriented programming. Education and Information Technologies, 2022, 27, 7205-7239.	3.5	3
21	A revisited fuzzy DEMATEL and optimization method for strategy map design under the BSC framework: selection of objectives and relationships. Soft Computing, 2022, 26, 6619-6644.	2.1	3
22	A Model for Fuzzy-Cost Travel Distribution Problems Using Entropy Measures. Communications in Computer and Information Science, 2016, , 268-279.	0.4	1
23	Modelos de optimizaciÃ³n por metas para el cÃ¡lculo de estimadores en regresiÃ³n mÃºltiple. Ciencia E IngenierÃa Neogranadina, 2010, 20, 133.	0.1	1
24	IntroducciÃ³n al mÃ©todo de planos de corte y centro analÃtico (ACCPM) para la soluciÃ³n de problemas de optimizaciÃ³n no diferenciable. Ciencia E IngenierÃa Neogranadina, 2007, 17, 5-20.	0.1	0