Luis G Vargas

List of Publications by Year
in descending order

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44 papers	3,248 citations	586496 16 h-index	425179 34 g-index
46 all docs	46 docs citations	46 times ranked	2477 citing authors

#	Article	IF	Citations
1	Conflict resolution in the era of cognitive multicriteria decisionâ€making: an AHPâ€retributive approach. International Transactions in Operational Research, 2023, 30, 1453-1478.	1.8	4
2	Multi-dimensional stability analysis for Analytic Network Process models. Annals of Operations Research, 2022, 316, 1401-1424.	2.6	3
3	How to Set a User Reporting Supported Decision Making in Architectural Engineering and Building Production. , 2022, , 61-81.		0
4	The Analytic Hierarchy Process in the Building Sector. , 2022, , 19-43.		1
5	Augmented Reality to Support the Analytic Hierarchy Process. , 2022, , 45-59.		0
6	User Reporting and Condition Ratings to Support Building Maintenance and Diagnostics. , 2022, , 121-140.		0
7	AR-AHP to Support the Building Retrofitting: Selection of the Best Precast Concrete Panel Cladding. , 2022, , 83-101.		0
8	User Reporting and AHP to Investigate the Perception and Social Acceptance of Wind Energy. , 2022, , 103-120.		0
9	New Approaches for Multi-Criteria Analysis in Building Constructions. , 2022, , .		0
10	Measuring U.S. influence in the world. Journal of Multi-Criteria Decision Analysis, 2021, 28, 68-84.	1.0	2
11	An analysis of the sensitivity and stability of patientsâ€™ preferences can lead to more appropriate medical decisions. Annals of Operations Research, 2020, 293, 863-901.	2.6	7
12	Products and services valuation through unsolicited information from social media. Soft Computing, 2020, 24, 1775-1788.	2.1	12
13	Special issue on â€œAHP/ANP Studies in Technology, Entrepreneurship and Corporate Social Responsibilityâ€. Journal of Multi-Criteria Decision Analysis, 2020, 27, 3-4.	1.0	3
14	QUALITY CREDIT EVALUATION IN THE INTERNET COMPANY: A SYSTEM BASED ON THE ANALYTIC HIERARCHY PROCESS. Journal of Business Economics and Management, 2020, 21, 344-372.	1.1	6
15	Measuring U.S. Foreign Policy Effectiveness. Journal of Behavioral and Applied Management, 2020, 21, .	0.7	1
16	A Personalized Approach of Patientâ€“Health Care Provider Communication Regarding Colorectal Cancer Screening Options. Medical Decision Making, 2018, 38, 601-613.	1.2	7
17	Cognitive Multiple Criteria Decision Making and the Legacy of the Analytic Hierarchy Process. Estudios De Economia Aplicada (discontinued), 2018, 36, 67-80.	0.2	16
18	On prioritizing on-time arrivals in an outpatient clinic. IISE Transactions on Healthcare Systems Engineering, 2017, 7, 93-106.	1.2	12

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19	Editorial journal of multicriteria decision analysis special issue on â€œIndustrial and Manufacturing Engineering: Theory and Application using AHP/ANPâ€• Journal of Multi-Criteria Decision Analysis, 2017, 24, 201-202.	1.0	4
20	Voting with Intensity of Preferences. International Journal of Information Technology and Decision Making, 2016, 15, 839-859.	2.3	9
21	Group Decision Making with Dispersion in the Analytic Hierarchy Process. Group Decision and Negotiation, 2016, 25, 355-372.	2.0	28
22	Sensitivity Analysis in the Analytic Hierarchy Process. Profiles in Operations Research, 2013, , 345-360.	0.3	10
23	A new methodology for sensitivity and stability analysis of analytic network models. European Journal of Operational Research, 2013, 224, 180-188.	3.5	18
24	Models, Methods, Concepts & Applications of the Analytic Hierarchy Process. Profiles in Operations Research, 2012, , .	0.3	770
25	The possibility of group choice: pairwise comparisons and merging functions. Social Choice and Welfare, 2012, 38, 481-496.	0.4	86
26	The Surgical Scheduling Problem: Current Research and Future Opportunities. Production and Operations Management, 2011, 20, 392-405.	2.1	172
27	A revenue management approach for managing operating room capacity. , 2010, , .		9
28	Euclidean centers: Computation, properties and a MOLP application. Mathematical and Computer Modelling, 2008, 48, 197-205.	2.0	0
29	An optimization-based approach for the design of Bayesian networks. Mathematical and Computer Modelling, 2008, 48, 1265-1278.	2.0	31
30	The consistency index in reciprocal matrices: Comparison of deterministic and statistical approaches. European Journal of Operational Research, 2008, 191, 454-463.	3.5	28
31	CONFLICT IDENTIFICATION AND RECONCILIATION IN A COLLABORATIVE MANUFACTURING SCHEDULING TASK. International Journal of Information Technology and Decision Making, 2008, 07, 147-174.	2.3	7
32	Dispersion of group judgments. Mathematical and Computer Modelling, 2007, 46, 918-925.	2.0	82
33	Interval judgments and Euclidean centers. Mathematical and Computer Modelling, 2007, 46, 976-984.	2.0	13
34	THE POSSIBILITY OF GROUP WELFARE FUNCTIONS. International Journal of Information Technology and Decision Making, 2005, 04, 167-176.	2.3	38
35	How to Make A Decision. Profiles in Operations Research, 2001, , 1-25.	0.3	44
36	Fitting the Lognormal Distribution to Surgical Procedure Times. Decision Sciences, 2000, 31, 129-148.	3.2	98

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37	Surgical suite utilization and capacity planning: a minimal cost analysis model. Journal of Medical Systems, 1997, 21, 309-322.	2.2	137
38	A neural network model for the free-ranging AGV route-planning problem. Journal of Intelligent Manufacturing, 1996, 7, 217-227.	4.4	16
39	Preference simulation and preference programming: robustness issues in priority derivation. European Journal of Operational Research, 1993, 69, 200-209.	3.5	133
40	The Theory of Ratio Scale Estimation: Saaty's Analytic Hierarchy Process. Management Science, 1987, 33, 1383-1403.	2.4	644
41	Uncertainty and rank order in the analytic hierarchy process. European Journal of Operational Research, 1987, 32, 107-117.	3.5	569
42	Inconsistency and rank preservation. Journal of Mathematical Psychology, 1984, 28, 205-214.	1.0	226
43	A unified framework for joint patient-physician collaboration: The colorectal cancer screening problem. Journal of the Operational Research Society, 0, , 1-39.	2.1	0
44	Implications of the stability analysis of preferences for personalised colorectal cancer screening. Journal of Multi-Criteria Decision Analysis, 0, , .	1.0	0