

David Claudio

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

490
citations

758635

12
h-index

752256

20
g-index

47
all docs

47
docs citations

47
times ranked

418
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of different types of imperfect advance demand information in production systems. <i>Journal of Simulation</i> , 2022, 16, 217-229.	1.0	3
2	Principal Component Analysis in MCDM: An exercise in pilot selection. <i>Expert Systems With Applications</i> , 2022, 188, 115984.	4.4	18
3	Rural Hispanic Perceptions of Mental Health: A Qualitative Study. <i>Journal of Transcultural Nursing</i> , 2022, 33, 346-354.	0.6	3
4	CAT PAW: Combinatorial Algorithm to Test all Possible Assortments of Weights. <i>Software Impacts</i> , 2022, 11, 100214.	0.8	0
5	Identifying service quality gaps between patients and providers in a Native American outpatient clinic. <i>BMC Health Services Research</i> , 2022, 22, 165.	0.9	1
6	Current Trends in Operating Room Scheduling 2015 to 2020: a Literature Review. <i>SN Operations Research Forum</i> , 2022, 3, 1.	0.6	4
7	Optimizing patient flow, capacity, and performance of COVID-19 vaccination clinics. <i>IIE Transactions on Healthcare Systems Engineering</i> , 2022, 12, 275-287.	1.2	1
8	Exploring a rural Latino community's perception of the COVID-19 pandemic. <i>Ethnicity and Health</i> , 2021, 26, 126-138.	1.5	35
9	Engaging Latinos in an Academic-Community Partnership in Montana through a Health Screening Event. <i>American Journal of Health Education</i> , 2021, 52, 72-79.	0.3	4
10	Comparison of Weighted and Unweighted Task Load Indices for Single-Site Surgery Tasks. <i>Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare</i> , 2021, 10, 142-146.	0.2	1
11	Improving the registration process in a healthcare facility with lean principles. <i>Journal of Industrial Engineering and Management</i> , 2021, 14, 538.	1.0	4
12	A Framework to Assess Alarm Fatigue Indicators in Critical Care Staff. , 2021, 3, e0464.		11
13	An agile standardized work procedure for cleaning the operating room. <i>Journal of Industrial Engineering and Management</i> , 2021, 14, 701.	1.0	5
14	In defense of group fuzzy AHP: A comparison of group fuzzy AHP and group AHP with confidence intervals. <i>Expert Systems With Applications</i> , 2021, 178, 114970.	4.4	43
15	A comparative analysis between LINMAP, paired comparison method and naturalistic ranking in different data display contexts. <i>International Journal of Operational Research</i> , 2020, 38, 70.	0.1	2
16	An Enhanced Kaizen Event in a Sterile Processing Department of a Rural Hospital: A Case Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8748.	1.2	18
17	Comparison of AHP-TOPSIS and AHP-AHP methods in multi-criteria decision-making problems. <i>International Journal of Industrial and Systems Engineering</i> , 2020, 34, 203.	0.1	7
18	Physical and mental workload interactions in a sterile processing department. <i>International Journal of Industrial Ergonomics</i> , 2020, 76, 102902.	1.5	13

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19	Coupling Wearable Devices and Decision Theory in the United States Emergency Department Triage Process: A Narrative Review. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9561.	1.2	7
20	Comparison of AHP-TOPSIS and AHP-AHP methods in multi-criteria decision-making problems. <i>International Journal of Industrial and Systems Engineering</i> , 2020, 34, 203.	0.1	2
21	A comparative analysis between LINMAP, paired comparison method and naturalistic ranking in different data display contexts. <i>International Journal of Operational Research</i> , 2020, 38, 70.	0.1	0
22	A mental workload based patient scheduling model for a Cancer Clinic. <i>Operations Research for Health Care</i> , 2019, 20, 56-65.	0.8	6
23	A performance comparison between the subjective workload analysis technique and the NASA-TLX in a healthcare setting. <i>IIE Transactions on Healthcare Systems Engineering</i> , 2018, 8, 59-71.	1.2	14
24	A simulation of variability-oriented sequencing rules on block surgical scheduling. , 2016, , .		1
25	Simulating the effect of workers' mood on the productivity of assembly lines. , 2016, , .		1
26	Discrete event simulation of green supply chain with traffic congestion factor. , 2016, , .		4
27	Implications of estimating confidence intervals on group fuzzy decision making scores. <i>Expert Systems With Applications</i> , 2016, 65, 152-163.	4.4	15
28	Alarm fatigue and its influence on staff performance. <i>IIE Transactions on Healthcare Systems Engineering</i> , 2015, 5, 183-196.	0.8	46
29	Perceived Usefulness and Ease of Use of Wearable Sensor-Based Systems in Emergency Departments. <i>IIE Transactions on Occupational Ergonomics and Human Factors</i> , 2015, 3, 177-187.	0.5	18
30	Time series forecasting in an outpatient cancer clinic using common-day clustering. <i>IIE Transactions on Healthcare Systems Engineering</i> , 2014, 4, 16-26.	0.8	9
31	A detailed simulation model of an infusion treatment center. , 2014, , .		4
32	A simulation study of practical methods for technical debt management in agile software development. , 2014, , .		9
33	Simulating unsignalized intersection right-of-way. , 2014, , .		3
34	Variability based surgical scheduling: A simulation approach. , 2014, , .		3
35	Using Abstraction Hierarchy as a Structured Approach in Verifying Data Quality in Driving Research. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014, 58, 2210-2213.	0.2	1
36	A dynamic multi-attribute utility theory-based decision support system for patient prioritization in the emergency department. <i>IIE Transactions on Healthcare Systems Engineering</i> , 2014, 4, 1-15.	0.8	30

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37	Balancing nurses' workload to enhance the quality of care in an outpatient cancer clinic. International Journal of Collaborative Enterprise, 2014, 4, 34.	0.2	2
38	Collecting Non-Experimental Driving Behaviors. Proceedings of the Human Factors and Ergonomics Society, 2014, 58, 2190-2194.	0.2	0
39	Physiological and descriptive variables as predictors for the Emergency Severity Index. IIE Transactions on Healthcare Systems Engineering, 2012, 2, 131-141.	0.8	6
40	Application of axiomatic design, TRIZ, and mixed integer programming to develop innovative designs: a locomotive ballast arrangement case study. International Journal of Advanced Manufacturing Technology, 2012, 61, 827-842.	1.5	43
41	Hopeful waiting: positive outcome of blood pressure monitoring in an emergency department. Boletín De La Asociación Médica De Puerto Rico, 2011, 103, 18-22.	0.2	2
42	Experiments in multiple criteria selection problems with multiple decision makers. International Journal of Operational Research, 2010, 7, 413.	0.1	22
43	Utility function-based patient prioritisation in the emergency department. European Journal of Industrial Engineering, 2010, 4, 59.	0.5	24
44	A simulation study for a hybrid inventory control strategy with advance demand information. International Journal of Industrial and Systems Engineering, 2010, 5, 1.	0.1	10
45	Kanban-based pull systems with advance demand information. International Journal of Production Research, 2009, 47, 3139-3160.	4.9	29
46	A hybrid inventory control system approach applied to the food industry. , 2007, , .		3
47	Does Hair Impose a Significant Effect on the Propagation of Terahertz Radiation in Human Skin?. , 2007, , MD4.		3