

David Claudio

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

490
citations

759233

12
h-index

752698

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. Journal of Simulation, 2022, 16, 217-229.	1.5	3
2	Principal Component Analysis in MCDM: An exercise in pilot selection. Expert Systems With Applications, 2022, 188, 115984.	7.6	18
3	Rural Hispanic Perceptions of Mental Health: A Qualitative Study. Journal of Transcultural Nursing, 2022, 33, 346-354.	1.3	3
4	CAT PAW: Combinatorial Algorithm to Test all Possible Assortments of Weights. Software Impacts, 2022, 11, 100214.	1.4	0
5	Identifying service quality gaps between patients and providers in a Native American outpatient clinic. BMC Health Services Research, 2022, 22, 165.	2.2	1
6	Current Trends in Operating Room Scheduling 2015 to 2020: a Literature Review. SN Operations Research Forum, 2022, 3, 1.	1.0	4
7	Optimizing patient flow, capacity, and performance of COVID-19 vaccination clinics. IIE Transactions on Healthcare Systems Engineering, 2022, 12, 275-287.	1.7	1
8	Exploring a rural Latino community's perception of the COVID-19 pandemic. Ethnicity and Health, 2021, 26, 126-138.	2.5	35
9	Engaging Latinos in an Academic-Community Partnership in Montana through a Health Screening Event. American Journal of Health Education, 2021, 52, 72-79.	0.6	4
10	Comparison of Weighted and Unweighted Task Load Indices for Single-Site Surgery Tasks. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2021, 10, 142-146.	0.3	1
11	Improving the registration process in a healthcare facility with lean principles. Journal of Industrial Engineering and Management, 2021, 14, 538.	1.5	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. Journal of Industrial Engineering and Management, 2021, 14, 701.	1.5	5
14	In defense of group fuzzy AHP: A comparison of group fuzzy AHP and group AHP with confidence intervals. Expert Systems With Applications, 2021, 178, 114970.	7.6	43
15	A comparative analysis between LINMAP, paired comparison method and naturalistic ranking in different data display contexts. International Journal of Operational Research, 2020, 38, 70.	0.2	2
16	An Enhanced Kaizen Event in a Sterile Processing Department of a Rural Hospital: A Case Study. International Journal of Environmental Research and Public Health, 2020, 17, 8748.	2.6	18
17	Comparison of AHP-TOPSIS and AHP-AHP methods in multi-criteria decision-making problems. International Journal of Industrial and Systems Engineering, 2020, 34, 203.	0.2	7
18	Physical and mental workload interactions in a sterile processing department. International Journal of Industrial Ergonomics, 2020, 76, 102902.	2.6	13

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19	Coupling Wearable Devices and Decision Theory in the United States Emergency Department Triage Process: A Narrative Review. International Journal of Environmental Research and Public Health, 2020, 17, 9561.	2.6	7
20	Comparison of AHP-TOPSIS and AHP-AHP methods in multi-criteria decision-making problems. International Journal of Industrial and Systems Engineering, 2020, 34, 203.	0.2	2
21	A comparative analysis between LINMAP, paired comparison method and naturalistic ranking in different data display contexts. International Journal of Operational Research, 2020, 38, 70.	0.2	0
22	A mental workload based patient scheduling model for a Cancer Clinic. Operations Research for Health Care, 2019, 20, 56-65.	1.2	6
23	A performance comparison between the subjective workload analysis technique and the NASA-TLX in a healthcare setting. IJSE Transactions on Healthcare Systems Engineering, 2018, 8, 59-71.	1.7	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. Expert Systems With Applications, 2016, 65, 152-163.	7.6	15
28	Alarm fatigue and its influence on staff performance. IIE Transactions on Healthcare Systems Engineering, 2015, 5, 183-196.	0.8	46
29	Perceived Usefulness and Ease of Use of Wearable Sensor-Based Systems in Emergency Departments. IIE Transactions on Occupational Ergonomics and Human Factors, 2015, 3, 177-187.	0.4	18
30	Time series forecasting in an outpatient cancer clinic using common-day clustering. IIE Transactions on Healthcare Systems Engineering, 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. Proceedings of the Human Factors and Ergonomics Society, 2014, 58, 2210-2213.	0.3	1
36	A dynamic multi-attribute utility theory-based decision support system for patient prioritization in the emergency department. IIE Transactions on Healthcare Systems Engineering, 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.	0.3	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.	3.0	43
41	Hopeful waiting: positive outcome of blood pressure monitoring in an emergency department. Bolet�n De La Asociaci�n M�dica 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.	0.2	22
43	Utility function-based patient prioritisation in the emergency department. European Journal of Industrial Engineering, 2010, 4, 59.	0.8	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.	0.2	10
45	Kanban-based pull systems with advance demand information. International Journal of Production Research, 2009, 47, 3139-3160.	7.5	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