

# 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	Alarm fatigue and its influence on staff performance. IIE Transactions on Healthcare Systems Engineering, 2015, 5, 183-196.	0.8	46
2	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
3	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.	4.4	43
4	Exploring a rural Latino community's perception of the COVID-19 pandemic. Ethnicity and Health, 2021, 26, 126-138.	1.5	35
5	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
6	Kanban-based pull systems with advance demand information. International Journal of Production Research, 2009, 47, 3139-3160.	4.9	29
7	Utility function-based patient prioritisation in the emergency department. European Journal of Industrial Engineering, 2010, 4, 59.	0.5	24
8	Experiments in multiple criteria selection problems with multiple decision makers. International Journal of Operational Research, 2010, 7, 413.	0.1	22
9	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.	0.5	18
10	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.	1.2	18
11	Principal Component Analysis in MCDM: An exercise in pilot selection. Expert Systems With Applications, 2022, 188, 115984.	4.4	18
12	Implications of estimating confidence intervals on group fuzzy decision making scores. Expert Systems With Applications, 2016, 65, 152-163.	4.4	15
13	A performance comparison between the subjective workload analysis technique and the NASA-TLX in a healthcare setting. IIE Transactions on Healthcare Systems Engineering, 2018, 8, 59-71.	1.2	14
14	Physical and mental workload interactions in a sterile processing department. International Journal of Industrial Ergonomics, 2020, 76, 102902.	1.5	13
15	A Framework to Assess Alarm Fatigue Indicators in Critical Care Staff. , 2021, 3, e0464.		11
16	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
17	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
18	A simulation study of practical methods for technical debt management in agile software development. , 2014, , .		9

#	ARTICLE	IF	CITATIONS
19	Comparison of AHP-TOPSIS and AHP-AHP methods in multi-criteria decision-making problems. International Journal of Industrial and Systems Engineering, 2020, 34, 203.	0.1	7
20	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.	1.2	7
21	Physiological and descriptive variables as predictors for the Emergency Severity Index. IIE Transactions on Healthcare Systems Engineering, 2012, 2, 131-141.	0.8	6
22	A mental workload based patient scheduling model for a Cancer Clinic. Operations Research for Health Care, 2019, 20, 56-65.	0.8	6
23	An agile standardized work procedure for cleaning the operating room. Journal of Industrial Engineering and Management, 2021, 14, 701.	1.0	5
24	A detailed simulation model of an infusion treatment center. , 2014, , .		4
25	Discrete event simulation of green supply chain with traffic congestion factor. , 2016, , .		4
26	Engaging Latinos in an Academic-Community Partnership in Montana through a Health Screening Event. American Journal of Health Education, 2021, 52, 72-79.	0.3	4
27	Improving the registration process in a healthcare facility with lean principles. Journal of Industrial Engineering and Management, 2021, 14, 538.	1.0	4
28	Current Trends in Operating Room Scheduling 2015 to 2020: a Literature Review. SN Operations Research Forum, 2022, 3, 1.	0.6	4
29	A hybrid inventory control system approach applied to the food industry. , 2007, , .		3
30	Does Hair Impose a Significant Effect on the Propagation of Terahertz Radiation in Human Skin?. , 2007, , MD4.		3
31	Simulating unsignalized intersection right-of-way. , 2014, , .		3
32	Variability based surgical scheduling: A simulation approach. , 2014, , .		3
33	Effects of different types of imperfect advance demand information in production systems. Journal of Simulation, 2022, 16, 217-229.	1.0	3
34	Rural Hispanic Perceptions of Mental Health: A Qualitative Study. Journal of Transcultural Nursing, 2022, 33, 346-354.	0.6	3
35	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
36	A comparative analysis between LINMAP, paired comparison method and naturalistic ranking in different data display contexts. International Journal of Operational Research, 2020, 38, 70.	0.1	2

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37	Comparison of AHP-TOPSIS and AHP-AHP methods in multi-criteria decision-making problems. International Journal of Industrial and Systems Engineering, 2020, 34, 203.	0.1	2
38	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
39	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.	0.2	1
40	A simulation of variability-oriented sequencing rules on block surgical scheduling. , 2016, , .		1
41	Simulating the effect of workers' mood on the productivity of assembly lines. , 2016, , .		1
42	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.	0.2	1
43	Identifying service quality gaps between patients and providers in a Native American outpatient clinic. BMC Health Services Research, 2022, 22, 165.	0.9	1
44	Optimizing patient flow, capacity, and performance of COVID-19 vaccination clinics. IISE Transactions on Healthcare Systems Engineering, 2022, 12, 275-287.	1.2	1
45	Collecting Non-Experimental Driving Behaviors. Proceedings of the Human Factors and Ergonomics Society, 2014, 58, 2190-2194.	0.2	0
46	A comparative analysis between LINMAP, paired comparison method and naturalistic ranking in different data display contexts. International Journal of Operational Research, 2020, 38, 70.	0.1	0
47	CAT PAW: Combinatorial Algorithm to Test all Possible Assortments of Weights. Software Impacts, 2022, 11, 100214.	0.8	0