## CITATION REPORT List of articles citing

Modeling and analysis of the emergency department at University of Kentucky Chandler Hospital using simulations

DOI: 10.1016/j.jen.2009.07.018 Journal of Emergency Nursing, 2010, 36, 303-10.

Source: https://exaly.com/paper-pdf/47997834/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
99	Modeling and analysis of hospital emergency department: An analytical framework and problem formulation. <b>2010</b> ,		
98	. 2011,		3
97	Discovering the impact of preceding units\characteristics on the wait time of cardiac surgery unit from statistic data. <i>PLoS ONE</i> , <b>2011</b> , 6, e21959	3.7	6
96	Improving financial performance by modeling and analysis of radiology procedure scheduling at a large community hospital. <i>Journal of Medical Systems</i> , <b>2011</b> , 35, 299-307	5.1	13
95	Simulation based alternatives for overall process improvement at the cardiac catheterization lab. <i>Simulation Modelling Practice and Theory</i> , <b>2011</b> , 19, 1544-1557	3.9	13
94	Modeling and analysis of care delivery services within patient rooms. 2011,		1
93	A simulation study to improve performance in the preparation and delivery of antineoplastic medications at a community hospital. <i>Journal of Medical Systems</i> , <b>2012</b> , 36, 3083-9	5.1	11
92	Improving discrete event simulation in the emergency department with innovative and robust input analysis tools. <b>2012</b> ,		2
91	Improving rapid response operations in acute care delivery - part II: Continuous improvement and case study. <b>2012</b> ,		
90	Improving rapid response operations in acute care delivery - part I: System modeling and performance evaluation. <b>2012</b> ,		
89	Modeling and Analysis of Rapid Response Process to Improve Patient Safety in Acute Care. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2012</b> , 9, 215-225	4.9	18
88	A simulation study to improve quality of care in the emergency department of a community hospital. <i>Journal of Emergency Nursing</i> , <b>2012</b> , 38, 322-8	1.3	68
87	Moving an emergency department: lessons learned. <i>Journal of Emergency Nursing</i> , <b>2012</b> , 38, 555-60	1.3	4
86	Reducing Length of Stay in Emergency Department: A Simulation Study at a Community Hospital. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , <b>2012</b> , 42, 1314-1322		47
85	Evaluating Emergency Department Resource Capacity Using Simulation. <i>Modern Applied Science</i> , <b>2012</b> , 6,	1.3	6
84	Modeling and analysis of work flow and staffing level in a computed tomography division of University of Wisconsin Medical Foundation. <i>Health Care Management Science</i> , <b>2012</b> , 15, 108-20	4	29
83	Triage nurse prediction of hospital admission. <i>Journal of Emergency Nursing</i> , <b>2012</b> , 38, 306-10	1.3	17

82	IAENG Transactions on Engineering Technologies. Lecture Notes in Electrical Engineering, 2013,	0.2	1
81	A generic discrete-event simulation model for outpatient clinics in a large public hospital. <i>Journal of Healthcare Engineering</i> , <b>2013</b> , 4, 285-305	3.7	17
80	A system model of work flow in the patient room of hospital emergency department. <i>Health Care Management Science</i> , <b>2013</b> , 16, 341-51	4	23
79	REDSim: A spatial agent-based simulation for studying emergency departments. 2013,		8
78	A Markov chain approach to study flow disruptions on surgery in emergency care. 2013,		1
77	Using an Agent-based Simulation for Predicting the Effects of Patients Derivation Policies in Emergency Departments. <i>Procedia Computer Science</i> , <b>2013</b> , 18, 641-650	1.6	21
76	Modeling Emergency Department Using a Hybrid Simulation Approach. <i>Lecture Notes in Electrical Engineering</i> , <b>2013</b> , 701-711	0.2	O
75	Framework for Patient Flow Improvement. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , <b>2014</b> , 8, 410-422	0.2	1
74	Managing resource capacity using hybrid simulation. 2014,		2
73	Primary care redesign: A simulation study at a pediatric clinic. <b>2014</b> ,		О
73 72	Primary care redesign: A simulation study at a pediatric clinic. <b>2014</b> ,  Modeling and Analysis of Care Delivery Services Within Patient Rooms: A System-Theoretic Approach. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2014</b> , 11, 379-393	4.9	29
	Modeling and Analysis of Care Delivery Services Within Patient Rooms: A System-Theoretic	4.9	
72	Modeling and Analysis of Care Delivery Services Within Patient Rooms: A System-Theoretic Approach. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2014</b> , 11, 379-393  Generating and evaluating simulation scenarios to improve emergency department operations. <i>IIE</i>	4.9	29
7 <sup>2</sup>	Modeling and Analysis of Care Delivery Services Within Patient Rooms: A System-Theoretic Approach. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2014</b> , 11, 379-393  Generating and evaluating simulation scenarios to improve emergency department operations. <i>IIE Transactions on Healthcare Systems Engineering</i> , <b>2014</b> , 4, 156-166  Using Multicriteria Decision Analysis to Evaluate Patient Satisfaction in a Hospital Emergency		29
7 <sup>2</sup> 71 70	Modeling and Analysis of Care Delivery Services Within Patient Rooms: A System-Theoretic Approach. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2014</b> , 11, 379-393  Generating and evaluating simulation scenarios to improve emergency department operations. <i>IIE Transactions on Healthcare Systems Engineering</i> , <b>2014</b> , 4, 156-166  Using Multicriteria Decision Analysis to Evaluate Patient Satisfaction in a Hospital Emergency Department. <i>Journal of Health Management</i> , <b>2014</b> , 16, 245-258  Using Singular Spectrum Analysis to obtain staffing level requirements in emergency units. <i>Journal</i>	2.1	29 9 11
72 71 70 69	Modeling and Analysis of Care Delivery Services Within Patient Rooms: A System-Theoretic Approach. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2014</b> , 11, 379-393  Generating and evaluating simulation scenarios to improve emergency department operations. <i>IIE Transactions on Healthcare Systems Engineering</i> , <b>2014</b> , 4, 156-166  Using Multicriteria Decision Analysis to Evaluate Patient Satisfaction in a Hospital Emergency Department. <i>Journal of Health Management</i> , <b>2014</b> , 16, 245-258  Using Singular Spectrum Analysis to obtain staffing level requirements in emergency units. <i>Journal of the Operational Research Society</i> , <b>2014</b> , 65, 735-746  Uncovering effective process improvement strategies in an emergency department using discrete	2.1	29 9 11
72 71 70 69 68	Modeling and Analysis of Care Delivery Services Within Patient Rooms: A System-Theoretic Approach. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2014</b> , 11, 379-393  Generating and evaluating simulation scenarios to improve emergency department operations. <i>IIE Transactions on Healthcare Systems Engineering</i> , <b>2014</b> , 4, 156-166  Using Multicriteria Decision Analysis to Evaluate Patient Satisfaction in a Hospital Emergency Department. <i>Journal of Health Management</i> , <b>2014</b> , 16, 245-258  Using Singular Spectrum Analysis to obtain staffing level requirements in emergency units. <i>Journal of the Operational Research Society</i> , <b>2014</b> , 65, 735-746  Uncovering effective process improvement strategies in an emergency department using discrete event simulation. <i>Health Systems</i> , <b>2014</b> , 3, 93-104  Improving Response-Time Performance in Acute Care Delivery: A Systems Approach. <i>IEEE</i>	2.1 2 2.3	29 9 11 11 9

64	[Teleradiological report turnaround times: An internal efficiency and quality control analysis]. <i>Der Radiologe</i> , <b>2015</b> , 55, 409-16	1.5	2
63	A comprehensive review of emergency department simulation applications for normal and disaster conditions. <i>Computers and Industrial Engineering</i> , <b>2015</b> , 83, 327-344	6.4	109
62	Simulation Modelling in Healthcare: Challenges and Trends. <i>Procedia Manufacturing</i> , <b>2015</b> , 3, 301-307	1.5	14
61	Managing emergency department overcrowding via ambulance diversion: a discrete event simulation model. <i>Journal of the Formosan Medical Association</i> , <b>2015</b> , 114, 64-71	3.2	33
60	Bottleneck Analysis to Reduce Surgical Flow Disruptions: Theory and Application. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2015</b> , 12, 127-139	4.9	14
59	Incorporating discrete event simulation into quality improvement efforts in health care systems. <i>American Journal of Medical Quality</i> , <b>2015</b> , 30, 31-5	1.1	33
58	Quantifying patient flow and utilization with patient flow pathway and diagnosis of an emergency department in Singapore. <i>Health Systems</i> , <b>2016</b> , 5, 140-148	2.3	4
57	Simulation optimization of an emergency department by modeling human errors. <i>Simulation Modelling Practice and Theory</i> , <b>2016</b> , 67, 117-136	3.9	17
56	Temporal and Spatiotemporal Models for Ambulance Demand. <b>2016</b> , 399-426		4
55	Operations research applications in hospital operations: Part III. <i>IIE Transactions on Healthcare Systems Engineering</i> , <b>2016</b> , 6, 175-191		7
54	Workflow Lexicons in Healthcare: Validation of the SWIM Lexicon. <i>Journal of Digital Imaging</i> , <b>2017</b> , 30, 255-266	5.3	4
53	A preliminary study of a novel emergency department nursing triage simulation for research applications. <i>BMC Research Notes</i> , <b>2017</b> , 10, 15	2.3	13
52	From production systems to health care delivery systems: a retrospective look on similarities, difficulties and opportunities. <i>International Journal of Production Research</i> , <b>2017</b> , 55, 4212-4227	7.8	16
51	Fluid approximations and control of queues in emergency departments. <i>European Journal of Operational Research</i> , <b>2017</b> , 261, 1110-1124	5.6	10
50	Describing wait time bottlenecks for ED patients undergoing head CT. <i>American Journal of Emergency Medicine</i> , <b>2017</b> , 35, 1510-1513	2.9	17
49	A systems approach to improving patient flow at UVA Cancer Center using Real-Time Locating System. <b>2017</b> ,		3
48	Using value stream mapping and discrete event simulation to improve efficiency of emergency departments. <i>International Journal of Healthcare Management</i> , <b>2017</b> , 10, 196-206	1.4	25
47	Mitigating overcrowding in emergency departments using Six Sigma and simulation: A case study in Egypt. <i>Operations Research for Health Care</i> , <b>2017</b> , 15, 1-12	1.8	20

46	Improving the process efficiency of catheterization laboratories using simulation. <i>Health Systems</i> , <b>2017</b> , 6, 41-55	2.3	O
45	Simulation to Predict Effect of Citywide Events on Emergency Department Operations. <i>Pediatric Quality &amp; Safety</i> , <b>2017</b> , 2, e008	1	3
44	. 2017,		2
43	Streamlining Patient Flow in the Emergency Department with Discrete Event Simulation. 201-208		
42	An agent-based simulation combined with group decision-making technique for improving the performance of an emergency department. <i>Brazilian Journal of Medical and Biological Research</i> , <b>2017</b> , 50, e5955	2.8	17
41	Understanding the dynamic effects of returning patients toward emergency department density. <b>2017</b> ,		
40	Modeling and Analysis of the Waiting Time of Rapid Response Process in Acute Care. <i>IEEE Robotics and Automation Letters</i> , <b>2018</b> , 3, 336-343	4.2	1
39	Scenario-based analysis of fast track strategy optimization on emergency department using integrated safety simulation. <i>Safety Science</i> , <b>2018</b> , 107, 9-21	5.8	11
38	Discrete-Event Simulation and Integer Linear Programming for Constraint-Aware Resource Scheduling. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems,</i> <b>2018</b> , 48, 1578-1593	7.3	5
37	A System-Theoretic Method for Modeling, Analysis, and Improvement of Lung Cancer Diagnosis-to-Surgery Process. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2018</b> , 15, 531-5	54 <sup>4</sup> 7 <sup>.9</sup>	8
36	Redesigning the diagnostic pathway for chest pain patients in emergency departments. <i>Health Care Management Science</i> , <b>2018</b> , 21, 177-191	4	7
35	Understanding Emergency Care Delivery Through Computer Simulation Modeling. <i>Academic Emergency Medicine</i> , <b>2018</b> , 25, 116-127	3.4	9
34	A novel Approach for Improving Patient Flow in Emergency Department. 2018,		2
33	GEDMod <b>T</b> owards a generic toolkit for emergency department modeling. <i>Simulation Modelling Practice and Theory</i> , <b>2018</b> , 87, 239-273	3.9	2
32	Long-term forecasting of fuel demand at theater entry points. <i>International Journal of Forecasting</i> , <b>2019</b> , 35, 502-520	5.3	2
31	Discrete-event simulation and design of experiments to study ambulatory patient waiting time in an emergency department. <i>Journal of the Operational Research Society</i> , <b>2019</b> , 70, 2019-2038	2	10
30	Human resource allocation in an emergency department. <i>Kybernetes</i> , <b>2019</b> , 49, 779-796	2	10
29	Healthcare Service Management. Health Information Science, 2019,	0.1	

28	Simulation of emergency department operations: A comprehensive review of KPIs and operational improvements. <i>Computers and Industrial Engineering</i> , <b>2019</b> , 131, 356-381	6.4	25
27	Modeling operational quality metrics and costs of long-acting antibiotics for acute bacterial skin and skin structure infection treatment in the emergency department. <i>Journal of Medical Economics</i> , <b>2019</b> , 22, 652-661	2.4	3
26	An Analysis for the Use of Simulation Modeling in Reducing Patient Waiting Time in Emergency Departments (EDs) in Hospitals. <i>International Journal of Applied Industrial Engineering</i> , <b>2020</b> , 7, 52-64	0.2	1
25	Simulation and Improvement of PatientsWorkflow in Heart Clinics during COVID-19 Pandemic Using Timed Coloured Petri Nets. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	13
24	Addressing overcrowding in an emergency department: an approach for identifying and treating influential factors and a real-life application. <i>Israel Journal of Health Policy Research</i> , <b>2020</b> , 9, 37	1.7	2
23	Simulation as a Tool for Implementing Resource-Neutral Solutions in Service Systems. 2020,		
22	Methodological Approaches to Support Process Improvement in Emergency Departments: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	14
21	Modeling and analysis of business process reengineering strategies for improving emergency department efficiency. <i>Simulation</i> , <b>2021</b> , 97, 3-18	1.2	6
20	Improving the operations of an emergency department (ED) using a combined approach of simulation and analytical hierarchical process (AHP). <i>Journal of Simulation</i> , 1-18	1.9	0
19	Data analysis of ambient intelligence in a healthcare simulation system: a pilot study in high-end health screening process improvement. <i>BMC Health Services Research</i> , <b>2021</b> , 21, 936	2.9	
18	Conceptualizing Emergency Department Scenarios. <b>2015</b> , 1351-1368		1
17	The Applications of Simulation Modeling in Emergency Departments. <i>Advances in Healthcare Information Systems and Administration Book Series</i> , 94-125	0.3	1
16	Computational Intelligence and Healthcare Informatics Part III <b>B</b> ecent Development and Advanced Methodologies. <b>2021</b> , 159-177		
15	Conceptualizing Emergency Department Scenarios. <i>International Journal of Service Science, Management, Engineering, and Technology</i> , <b>2013</b> , 4, 30-46	0.9	1
14	Uncovering Effective Process Improvement Strategies in an Emergency Department Using Discrete Event Simulation. <b>2016</b> , 139-163		1
13	A Recent Systematic Review on Simulation Modeling and Emergency Departments. <i>International Journal of Public Health Management and Ethics</i> , <b>2017</b> , 2, 40-68		
12	Effects of Supply Factors on Wait Times. Health Information Science, 2019, 51-68	0.1	
11	A Recent Systematic Review on Simulation Modeling and Emergency Departments. <b>2019</b> , 1232-1264		

Modeling Patient Flow among Hospital Wards Using Non-Diagnostic Data. **2019**, 3, 1-9

9	Toward a Proactive and Reactive Simulation-Based Emergency Department Control System to Cope with Strain Situations. <b>2021</b> , 123-152		
8	The Applications of Simulation Modeling in Emergency Departments. 1014-1045		1
7	Computer modeling of lung cancer diagnosis-to-treatment process. <i>Translational Lung Cancer Research</i> , <b>2015</b> , 4, 404-14	4.4	7
6	Simulation of the COVID-19 patient flow and investigation of the future patient arrival using a time-series prediction model: a real-case study <i>Medical and Biological Engineering and Computing</i> , <b>2022</b> , 60, 969	3.1	1
5	Discrete event simulation for emergency department modelling: A systematic review of validation methods. <i>Operations Research for Health Care</i> , <b>2022</b> , 33, 100340	1.8	1
4	Efficiency in the cath lab: Pursuing value-based improvements following a sociotechnical approach. <i>Revista Portuguesa De Cardiologia</i> , <b>2022</b> ,	1	
3	A virtual evaluation of options for managing risk of hospital congestion with minimum intervention. <b>2022</b> , 12,		
2	Effective Response to Hospital Congestion Scenarios: Simulation-Based Evaluation of Decongestion Interventions. <b>2022</b> , 19, 16348		О
1	An integrated approach of discrete event simulation and a non-radial super efficiency data envelopment analysis for performance evaluation of an emergency department. <b>2023</b> , 220, 119653		O