Muge Capan

List of Publications by Year
in descending order

24 papers	176 citations	1163117 8 h-index	1199594 12 g-index
25 all docs	25 docs citations	25 times ranked	344 citing authors

#	Article	IF	Citations
1	The design of decisions: Matching clinical decision support recommendations to Nielsen's design heuristics. International Journal of Medical Informatics, 2018, 117, 19-25.	3.3	36
2	From Data to Improved Decisions: Operations Research in Healthcare Delivery. Medical Decision Making, 2017, 37, 849-859.	2.4	25
3	Individualizing and optimizing the use of early warning scores in acute medical care for deteriorating hospitalized patients. Resuscitation, 2015, 93, 107-112.	3.0	21
4	Objective measures of workload in healthcare: a narrative review. International Journal of Health Care Quality Assurance, 2019, 33, 1-17.	0.9	17
5	Data-driven approach to Early Warning Score-based alert management. BMJ Open Quality, 2018, 7, e000088.	1.1	12
6	The value of missing information in severity of illness score development. Journal of Biomedical Informatics, 2019, 97, 103255.	4.3	11
7	Not all organ dysfunctions are created equal – Prevalence and mortality in sepsis. Journal of Critical Care, 2018, 48, 257-262.	2.2	9
8	A stochastic model of acute-care decisions based on patient and provider heterogeneity. Health Care Management Science, 2017, 20, 187-206.	2.6	8
9	Using electronic health records and nursing assessment to redesign clinical early recognition systems. Health Systems, 2017, 6, 112-121.	1.2	8
10	We all make choices: A decision analysis framework for disposition decision in the ED. American Journal of Emergency Medicine, 2018, 36, 450-454.	1.6	7
11	Assessment of Nursing Response to a Real-Time Alerting Tool for Sepsis: A Provider Survey. American Journal of Hospital Medicine, 2017, 1, .	0.0	5
12	Network-Based Modeling of Sepsis. , 2019, , .		5
13	Understanding the perception of workload in the emergency department and its impact on medical decision making. American Journal of Emergency Medicine, 2020, 38, 397-399.	1.6	4
14	Everything but the Kitchen Sink: A Mixed Methods Approach to Health IT Usability Testing. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 718-722.	0.3	3
15	The Available Criteria for Different Sepsis Scoring Systems in the Emergency Department—A Retrospective Assessment. Open Access Emergency Medicine, 2021, Volume 13, 91-96.	1.3	2
16	Microsimulation Model Using Christiana Care Early Warning System (CEWS) to Evaluate Physiological Deterioration. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 2189-2195.	6.3	1
17	Risky Business: Predicting Patient Mortality at a Glance. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2019, 8, 261-263.	0.3	1
18	Proximity of Cellular and Physiological Response Failures in Sepsis. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 4089-4097.	6.3	1

#	Article	IF	Citations
19	Signaling Sepsis Scenario Development & Validation. Proceedings of the Human Factors and Ergonomics Society, 2018, 62, 615-619.	0.3	0
20	WHATâ€™S IN A DEFINITION? A SIMULATION FRAMEWORK FOR MODELING SEPSIS INTERVENTIONS USING ELECTRONIC HEALTH RECORDS. , 2018, , .		0
21	Engineering the Future of Sepsis Care: An Application of Fuzzy Logic Cognitive Mapping for Sepsis Diagnosis. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2018, 7, 103-104.	0.3	0
22	FUTURES: Forecasting the Unexpected Transfer to Upgraded Resources in Sepsis. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2018, 7, 203-204.	0.3	0
23	FUTURES: Forecasting the Unexpected Transfer to Upgraded Resources in Sepsis. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2019, 8, 187-191.	0.3	0
24	To Be Healthy, Wealthy, and Wise: Using Decision Modeling to Personalize Policy in Health, Hunger Relief, and Education. Women in Engineering and Science, 2020, , 233-274.	0.4	0