Roger G Mark

List of Publications by Year
in descending order

32 papers	18,160 citations	566801 15 h-index	580395 25 g-index
33 all docs	33 docs citations	33 times ranked	14295 citing authors

#	Article	IF	Citations
1	Clinically Interpretable Machine Learning Models for Early Prediction of Mortality in Older Patients with Multiple Organ Dysfunction Syndrome: An International Multicenter Retrospective Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2023, 78, 718-726.	1.7	4
2	The Global Open Source Severity of Illness Score (GOSSIS)*. Critical Care Medicine, 2022, 50, 1040-1050.	0.4	9
3	A contrastive learning approach forÂICU false arrhythmiaÂalarm reduction. Scientific Reports, 2022, 12, 4689.	1.6	6
4	Delaying initiation of diuretics in critically ill patients with recent vasopressor use and high positive fluid balance. British Journal of Anaesthesia, 2021, 127, 569-576.	1.5	4
5	A novel artificial intelligence based intensive care unit monitoring system: using physiological waveforms to identify sepsis. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2021, 379, 20200252.	1.6	13
6	The role of waveform monitoring in Sepsis identification within the first hour of Intensive Care Unit stay. , 2020, , .		7
7	The association between autoimmune disease and 30-day mortality among sepsis ICU patients: a cohort study. Critical Care, 2019, 23, 93.	2.5	26
8	MIMIC-CXR, a de-identified publicly available database of chest radiographs with free-text reports. Scientific Data, 2019, 6, 317.	2.4	477
9	You Snooze, You Win: The PhysioNet/Computing in Cardiology Challenge 2018. , 2018, 45, .		83
10	tableone: An open source Python package for producing summary statistics for research papers. JAMIA Open, 2018, 1, 26-31.	1.0	108
11	The eICU Collaborative Research Database, a freely available multi-center database for critical care research. Scientific Data, 2018, 5, 180178.	2.4	677
12	Representation Learning Approaches to Detect False Arrhythmia Alarms from ECG Dynamics. Proceedings of Machine Learning Research, 2018, 85, 571-586.	0.3	6
13	Estimating patient's health state using latent structure inferred from clinical time series and text. , 2017, 2017, 449-452.		6
14	Phenotyping hypotensive patients in critical care using hospital discharge summaries. , 2017, 2017, 401-404.		4
15	Real-time mortality prediction in the Intensive Care Unit. AMIA ... Annual Symposium proceedings, 2017, 2017, 994-1003.	0.2	26
16	The Association Between Admission Magnesium Concentrations and Lactic Acidosis in Critical Illness. Journal of Intensive Care Medicine, 2016, 31, 187-192.	1.3	22
17	MIMIC-III, a freely accessible critical care database. Scientific Data, 2016, 3, 160035.	2.4	4,097
18	Admission Peripheral Edema, Central Venous Pressure, and Survival in Critically Ill Patients. Annals of the American Thoracic Society, 2016, 13, 705-711.	1.5	13

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19	Peripheral Edema, Central Venous Pressure, and Risk of AKI in Critical Illness. Clinical Journal of the American Society of Nephrology: CJASN, 2016, 11, 602-608.	2.2	119
20	Designing reliable cohorts of cardiac patients across MIMIC and eICU. , 2015, 42, 189-192.		5
21	Quality estimation of the electrocardiogram using cross-correlation among leads. BioMedical Engineering OnLine, 2015, 14, 59.	1.3	32
22	The PhysioNet/Computing in Cardiology Challenge 2015: Reducing false arrhythmia alarms in the ICU. , 2015, 2015, 273-276.		81
23	Proton pump inhibitor use is not associated with cardiac arrhythmia in critically ill patients. Journal of Clinical Pharmacology, 2015, 55, 774-779.	1.0	7
24	Making Big Data Useful for Health Care: A Summary of the Inaugural MIT Critical Data Conference. JMIR Medical Informatics, 2014, 2, e22.	1.3	70
25	A research infrastructure for real-time evaluation of predictive algorithms for intensive care units. , 2013, , .		1
26	â€œBig Dataâ€•in the Intensive Care Unit. Closing the Data Loop. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 1157-1160.	2.5	160
27	Methods of Blood Pressure Measurement in the ICU*. Critical Care Medicine, 2013, 41, 34-40.	0.4	175
28	Multiparameter Intelligent Monitoring in Intensive Care II: A public-access intensive care unit database*. Critical Care Medicine, 2011, 39, 952-960.	0.4	1,404
29	Automated de-identification of free-text medical records. BMC Medical Informatics and Decision Making, 2008, 8, 32.	1.5	272
30	Integrating Data, Models, and Reasoning in Critical Care. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	3
31	PhysioBank, PhysioToolkit, and PhysioNet. Circulation, 2000, 101, E215-20.	1.6	10,241
32	Analysis of arterial waves by the single-pulse-response in time domain. , 1992, , .		1