Roger G Mark

List of Publications by Year
in descending order

32	18,160	566801	580395
papers	citations	15	25
		h-index	g-index

33	33	33	14295
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PhysioBank, PhysioToolkit, and PhysioNet. Circulation, 2000, 101, E215-20.	1.6	10,241
2	MIMIC-III, a freely accessible critical care database. Scientific Data, 2016, 3, 160035.	2.4	4,097
3	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
4	The eICU Collaborative Research Database, a freely available multi-center database for critical care research. Scientific Data, 2018, 5, 180178.	2.4	677
5	MIMIC-CXR, a de-identified publicly available database of chest radiographs with free-text reports. Scientific Data, 2019, 6, 317.	2.4	477
6	Automated de-identification of free-text medical records. BMC Medical Informatics and Decision Making, 2008, 8, 32.	1.5	272
7	Methods of Blood Pressure Measurement in the ICU*. Critical Care Medicine, 2013, 41, 34-40.	0.4	175
8	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
9	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
10	tableone: An open source Python package for producing summary statistics for research papers. JAMIA Open, 2018, 1, 26-31.	1.0	108
11	You Snooze, You Win: The PhysioNet/Computing in Cardiology Challenge 2018. , 2018, 45, .		83
12	The PhysioNet/Computing in Cardiology Challenge 2015: Reducing false arrhythmia alarms in the ICU. , 2015, 2015, 273-276.		81
13	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
14	Quality estimation of the electrocardiogram using cross-correlation among leads. BioMedical Engineering OnLine, 2015, 14, 59.	1.3	32
15	The association between autoimmune disease and 30-day mortality among sepsis ICU patients: a cohort study. Critical Care, 2019, 23, 93.	2.5	26
16	Real-time mortality prediction in the Intensive Care Unit. AMIA ... Annual Symposium proceedings, 2017, 2017, 994-1003.	0.2	26
17	The Association Between Admission Magnesium Concentrations and Lactic Acidosis in Critical Illness. Journal of Intensive Care Medicine, 2016, 31, 187-192.	1.3	22
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

#	Article	IF	Citations
19	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
20	The Global Open Source Severity of Illness Score (GOSSIS)*. Critical Care Medicine, 2022, 50, 1040-1050.	0.4	9
21	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
22	The role of waveform monitoring in Sepsis identification within the first hour of Intensive Care Unit stay. , 2020, , .		7
23	Estimating patient's health state using latent structure inferred from clinical time series and text. , 2017, 2017, 449-452.		6
24	Representation Learning Approaches to Detect False Arrhythmia Alarms from ECG Dynamics. Proceedings of Machine Learning Research, 2018, 85, 571-586.	0.3	6
25	A contrastive learning approach for ICU false arrhythmia alarm reduction. Scientific Reports, 2022, 12, 4689.	1.6	6
26	Designing reliable cohorts of cardiac patients across MIMIC and eICU. , 2015, 42, 189-192.		5
27	Phenotyping hypotensive patients in critical care using hospital discharge summaries. , 2017, 2017, 401-404.		4
28	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
29	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
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	Analysis of arterial waves by the single-pulse-response in time domain. , 1992, , .		1
32	A research infrastructure for real-time evaluation of predictive algorithms for intensive care units. , 2013, , .		1