

Steven Horng

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,448
citations

687335

13
h-index

526264

27
g-index

32
all docs

32
docs citations

32
times ranked

1827
citing authors

#	ARTICLE	IF	CITATIONS
1	MIMIC-CXR, a de-identified publicly available database of chest radiographs with free-text reports. <i>Scientific Data</i> , 2019, 6, 317.	5.3	477
2	Learning a Health Knowledge Graph from Electronic Medical Records. <i>Scientific Reports</i> , 2017, 7, 5994.	3.3	263
3	Creating an automated trigger for sepsis clinical decision support at emergency department triage using machine learning. <i>PLoS ONE</i> , 2017, 12, e0174708.	2.5	208
4	Electronic medical record phenotyping using the anchor and learn framework. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016, 23, 731-740.	4.4	124
5	Risk of Intracranial Hemorrhage in Ground-Level Fall With Antiplatelet or Anticoagulant Agents. <i>Academic Emergency Medicine</i> , 2017, 24, 1258-1266.	1.8	51
6	Prospective pilot study of a tablet computer in an Emergency Department. <i>International Journal of Medical Informatics</i> , 2012, 81, 314-319.	3.3	39
7	Predicting Intensive Care Unit admission among patients presenting to the emergency department using machine learning and natural language processing. <i>PLoS ONE</i> , 2020, 15, e0229331.	2.5	38
8	Development and validation of a pancreatic cancer risk model for the general population using electronic health records: An observational study. <i>European Journal of Cancer</i> , 2021, 143, 19-30.	2.8	27
9	Risk of mortality and cardiopulmonary arrest in critical patients presenting to the emergency department using machine learning and natural language processing. <i>PLoS ONE</i> , 2020, 15, e0230876.	2.5	26
10	Using Anchors to Estimate Clinical State without Labeled Data. <i>AMIA ... Annual Symposium proceedings</i> , 2014, 2014, 606-15.	0.2	24
11	Joint Modeling of Chest Radiographs and Radiology Reports for Pulmonary Edema Assessment. <i>Lecture Notes in Computer Science</i> , 2020, 12262, 529-539.	1.3	21
12	Robustly Extracting Medical Knowledge from EHRs: A Case Study of Learning a Health Knowledge Graph. , 2019, , .		21
13	Improving documentation of presenting problems in the emergency department using a domain-specific ontology and machine learning-driven user interfaces. <i>International Journal of Medical Informatics</i> , 2019, 132, 103981.	3.3	20
14	Deep Learning to Quantify Pulmonary Edema in Chest Radiographs. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e190228.	5.8	17
15	Turning the crank for machine learning: ease, at what expense?. <i>The Lancet Digital Health</i> , 2019, 1, e198-e199.	12.3	13
16	Derivation and validation of a machine learning record linkage algorithm between emergency medical services and the emergency department. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 147-153.	4.4	13
17	Assessment of Unintentional Duplicate Orders by Emergency Department Clinicians Before and After Implementation of a Visual Aid in the Electronic Health Record Ordering System. <i>JAMA Network Open</i> , 2019, 2, e1916499.	5.9	13
18	Consensus Development of a Modern Ontology of Emergency Department Presenting Problemsâ€”The Hierarchical Presenting Problem Ontology (HaPPy). <i>Applied Clinical Informatics</i> , 2019, 10, 409-420.	1.7	11

#	ARTICLE	IF	CITATIONS
19	Multimodal Representation Learning via Maximization of Local Mutual Information. Lecture Notes in Computer Science, 2021, , 273-283.	1.3	11
20	Prospective Evaluation of Daily Performance Metrics to Reduce Emergency Department Length of Stay for Surgical Consults. Journal of Emergency Medicine, 2013, 44, 519-525.	0.7	9
21	Mobile device ownership among emergency department patients. International Journal of Medical Informatics, 2019, 126, 114-117.	3.3	7
22	Secondary Use of COVID-19 Symptom Incidence Among Hospital Employees as an Example of Syndromic Surveillance of Hospital Admissions Within 7 Days. JAMA Network Open, 2021, 4, e2113782.	5.9	4
23	Evaluating how electronic charting affects resident productivity. Internal and Emergency Medicine, 2013, 8, 169-172.	2.0	3
24	A rules based algorithm to generate problem lists using emergency department medication reconciliation. International Journal of Medical Informatics, 2016, 94, 117-122.	3.3	2
25	The Integration of Electronic Medical Student Evaluations Into an Emergency Department Tracking System is Associated With Increased Quality and Quantity of Evaluations. Journal of Emergency Medicine, 2016, 51, 432-439.	0.7	2
26	Timing of Diuretic Administration and Length of Stay in Patients with Acute Decompensated Heart Failure. Journal of Cardiac Failure, 2015, 21, S66-S67.	1.7	1
27	Open Science in Emergency Medicine Research. Annals of Emergency Medicine, 2020, 76, 247-248.	0.6	1
28	A visual representation of microbiological culture data improves comprehension: a randomized controlled trial. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1826-1833.	4.4	1