

Steven Horng

List of Publications by Citations

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Version: 2024-04-28

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

27
papers

708
citations

10
h-index

26
g-index

32
ext. papers

1,047
ext. citations

4.9
avg, IF

4.32
L-index

#	Paper	IF	Citations
27	MIMIC-CXR, a de-identified publicly available database of chest radiographs with free-text reports. <i>Scientific Data</i> , 2019 , 6, 317	8.2	152
26	Creating an automated trigger for sepsis clinical decision support at emergency department triage using machine learning. <i>PLoS ONE</i> , 2017 , 12, e0174708	3.7	135
25	Learning a Health Knowledge Graph from Electronic Medical Records. <i>Scientific Reports</i> , 2017 , 7, 5994	4.9	129
24	Electronic medical record phenotyping using the anchor and learn framework. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016 , 23, 731-40	8.6	83
23	Prospective pilot study of a tablet computer in an Emergency Department. <i>International Journal of Medical Informatics</i> , 2012 , 81, 314-9	5.3	34
22	Risk of Intracranial Hemorrhage in Ground-level Fall With Antiplatelet or Anticoagulant Agents. <i>Academic Emergency Medicine</i> , 2017 , 24, 1258-1266	3.4	33
21	Using Anchors to Estimate Clinical State without Labeled Data 2014 , 2014, 606-15	0.7	21
20	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	3.7	13
19	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	3.7	12
18	Joint Modeling of Chest Radiographs and Radiology Reports for Pulmonary Edema Assessment. <i>Lecture Notes in Computer Science</i> , 2020 , 12262, 529-539	0.9	11
17	Turning the crank for machine learning: ease, at what expense?. <i>The Lancet Digital Health</i> , 2019 , 1, e198-e199	1.1	10
16	Robustly Extracting Medical Knowledge from EHRs: A Case Study of Learning a Health Knowledge Graph 2019 ,		10
15	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	5.3	9
14	Prospective evaluation of daily performance metrics to reduce emergency department length of stay for surgical consults. <i>Journal of Emergency Medicine</i> , 2013 , 44, 519-25	1.5	7
13	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	10.4	7
12	Consensus Development of a Modern Ontology of Emergency Department Presenting Problems-The Hierarchical Presenting Problem Ontology (HaPPy). <i>Applied Clinical Informatics</i> , 2019 , 10, 409-420	3.1	6
11	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	8.6	6

10	Deep Learning to Quantify Pulmonary Edema in Chest Radiographs. <i>Radiology: Artificial Intelligence</i> , 2021 , 3, e190228	8.7	5
9	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	7.5	5
8	Multimodal Representation Learning via Maximization of Local Mutual Information. <i>Lecture Notes in Computer Science</i> , 2021 , 273-283	0.9	5
7	Mobile device ownership among emergency department patients. <i>International Journal of Medical Informatics</i> , 2019 , 126, 114-117	5.3	3
6	Evaluating how electronic charting affects resident productivity. <i>Internal and Emergency Medicine</i> , 2013 , 8, 169-72	3.7	3
5	Secondary Use of COVID-19 Symptom Incidence Among Hospital Employees as an Example of Syndromic Surveillance of Hospital Admissions Within 7 Days. <i>JAMA Network Open</i> , 2021 , 4, e2113782	10.4	2
4	A rules based algorithm to generate problem lists using emergency department medication reconciliation. <i>International Journal of Medical Informatics</i> , 2016 , 94, 117-22	5.3	2
3	The Integration of Electronic Medical Student Evaluations Into an Emergency Department Tracking System is Associated With Increased Quality and Quantity of Evaluations. <i>Journal of Emergency Medicine</i> , 2016 , 51, 432-439	1.5	2
2	Open Science in Emergency Medicine Research. <i>Annals of Emergency Medicine</i> , 2020 , 76, 247-248	2.1	1
1	A visual representation of microbiological culture data improves comprehension: a randomized controlled trial. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021 , 28, 1826-1833	8.6	