Steven Horng

List of Publications by Year in Descending Order

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	Deep Learning to Quantify Pulmonary Edema in Chest Radiographs. *Radiology: Artificial Intelligence*, **2021**, 3, e190228	8.7	5
26	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	10.4	2
25	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	8.6	
24	Development and validation of a pancreatic cancer risk model for the general population using electronic health records: An observational study. *European Journal of Cancer*, **2021**, 143, 19-30	7.5	5
23	Multimodal Representation Learning via Maximization of Local Mutual Information. *Lecture Notes in Computer Science*, **2021**, 273-283	0.9	5
22	Open Science in Emergency Medicine Research. *Annals of Emergency Medicine*, **2020**, 76, 247-248	2.1	1
21	Predicting Intensive Care Unit admission among patients presenting to the emergency department using machine learning and natural language processing. *PLoS ONE*, **2020**, 15, e0229331	3.7	13
20	Risk of mortality and cardiopulmonary arrest in critical patients presenting to the emergency department using machine learning and natural language processing. *PLoS ONE*, **2020**, 15, e0230876	3.7	12
19	Joint Modeling of Chest Radiographs and Radiology Reports for Pulmonary Edema Assessment. *Lecture Notes in Computer Science*, **2020**, 12262, 529-539	0.9	11
18	Derivation and validation of a machine learning record linkage algorithm between emergency medical services and the emergency department. *Journal of the American Medical Informatics Association: JAMIA*, **2020**, 27, 147-153	8.6	6
17	Turning the crank for machine learning: ease, at what expense?. *The Lancet Digital Health*, **2019**, 1, e198-e199	24.1	10
16	Consensus Development of a Modern Ontology of Emergency Department Presenting Problems-The Hierarchical Presenting Problem Ontology (HaPPy). *Applied Clinical Informatics*, **2019**, 10, 409-420	3.1	6
15	Mobile device ownership among emergency department patients. *International Journal of Medical Informatics*, **2019**, 126, 114-117	5.3	3
14	Improving documentation of presenting problems in the emergency department using a domain-specific ontology and machine learning-driven user interfaces. *International Journal of Medical Informatics*, **2019**, 132, 103981	5.3	9
13	Robustly Extracting Medical Knowledge from EHRs: A Case Study of Learning a Health Knowledge Graph **2019**,		10
12	MIMIC-CXR, a de-identified publicly available database of chest radiographs with free-text reports. *Scientific Data*, **2019**, 6, 317	8.2	152
11	Assessment of Unintentional Duplicate Orders by Emergency Department Clinicians Before and After Implementation of a Visual Aid in the Electronic Health Record Ordering System. *JAMA Network Open*, **2019**, 2, e1916499	10.4	7

List of Publications

10	Risk of Intracranial Hemorrhage in Ground-level Fall With Antiplatelet or Anticoagulant Agents. *Academic Emergency Medicine*, **2017**, 24, 1258-1266	3.4	33
9	Learning a Health Knowledge Graph from Electronic Medical Records. *Scientific Reports*, **2017**, 7, 5994	4.9	129
8	Creating an automated trigger for sepsis clinical decision support at emergency department triage using machine learning. *PLoS ONE*, **2017**, 12, e0174708	3.7	135
7	Electronic medical record phenotyping using the anchor and learn framework. *Journal of the American Medical Informatics Association: JAMIA*, **2016**, 23, 731-40	8.6	83
6	A rules based algorithm to generate problem lists using emergency department medication reconciliation. *International Journal of Medical Informatics*, **2016**, 94, 117-22	5.3	2
5	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	1.5	2
4	Using Anchors to Estimate Clinical State without Labeled Data **2014**, 2014, 606-15	0.7	21
3	Prospective evaluation of daily performance metrics to reduce emergency department length of stay for surgical consults. *Journal of Emergency Medicine*, **2013**, 44, 519-25	1.5	7
2	Evaluating how electronic charting affects resident productivity. *Internal and Emergency Medicine*, **2013**, 8, 169-72	3.7	3
1	Prospective pilot study of a tablet computer in an Emergency Department. *International Journal of Medical Informatics*, **2012**, 81, 314-9	5.3	34