

Jana Hoffman

List of Publications by Year in descending order

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26
papers

1,201
citations

586496

16
h-index

620720

26
g-index

34
all docs

34
docs citations

34
times ranked

1542
citing authors

#	ARTICLE	IF	CITATIONS
1	Early prediction of central line associated bloodstream infection using machine learning. American Journal of Infection Control, 2022, 50, 440-445.	1.1	12
2	Early prediction of severe acute pancreatitis using machine learning. Pancreatology, 2022, 22, 43-50.	0.5	17
3	A comparative analysis of machine learning approaches to predict C. difficile infection in hospitalized patients. American Journal of Infection Control, 2022, 50, 250-257.	1.1	2
4	Prediction of diabetic kidney disease with machine learning algorithms, upon the initial diagnosis of type 2 diabetes mellitus. BMJ Open Diabetes Research and Care, 2022, 10, e002560.	1.2	32
5	Predicting Falls in Long-term Care Facilities: Machine Learning Study. JMIR Aging, 2022, 5, e35373.	1.4	11
6	A Machine Learning Approach to Predict Deep Venous Thrombosis Among Hospitalized Patients. Clinical and Applied Thrombosis/Hemostasis, 2021, 27, 107602962199118.	0.7	20
7	Prediction of short-term mortality in acute heart failure patients using minimal electronic health record data. BioData Mining, 2021, 14, 23.	2.2	12
8	Convolutional Neural Network Model for Intensive Care Unit Acute Kidney Injury Prediction. Kidney International Reports, 2021, 6, 1289-1298.	0.4	29
9	Predicting ventilator-associated pneumonia with machine learning. Medicine (United States), 2021, 100, e26246.	0.4	13
10	Semisupervised Deep Learning Techniques for Predicting Acute Respiratory Distress Syndrome From Time-Series Clinical Data: Model Development and Validation Study. JMIR Formative Research, 2021, 5, e28028.	0.7	6
11	A machine learning approach to predicting risk of myelodysplastic syndrome. Leukemia Research, 2021, 109, 106639.	0.4	11
12	Application of deep learning to identify COVID-19 infection in posteroanterior chest X-rays. Clinical Imaging, 2021, 80, 268-273.	0.8	3
13	Is Machine Learning a Better Way to Identify COVID-19 Patients Who Might Benefit from Hydroxychloroquine Treatment?â€”The IDENTIFY Trial. Journal of Clinical Medicine, 2020, 9, 3834.	1.0	8
14	Supervised machine learning for the early prediction of acute respiratory distress syndrome (ARDS). Journal of Critical Care, 2020, 60, 96-102.	1.0	54
15	Validation of a machine learning algorithm for early severe sepsis prediction: a retrospective study predicting severe sepsis up to 48Ah in advance using a diverse dataset from 461 US hospitals. BMC Medical Informatics and Decision Making, 2020, 20, 276.	1.5	22
16	Mortality prediction model for the triage of COVID-19, pneumonia, and mechanically ventilated ICU patients: A retrospective study. Annals of Medicine and Surgery, 2020, 59, 207-216.	0.5	55
17	Effect of a sepsis prediction algorithm on patient mortality, length of stay and readmission: a prospective multicentre clinical outcomes evaluation of real-world patient data from US hospitals. BMJ Health and Care Informatics, 2020, 27, e100109.	1.4	44
18	A Racially Unbiased, Machine Learning Approach to Prediction of Mortality: Algorithm Development Study. JMIR Public Health and Surveillance, 2020, 6, e22400.	1.2	28

#	ARTICLE	IF	CITATIONS
19	Pediatric Severe Sepsis Prediction Using Machine Learning. <i>Frontiers in Pediatrics</i> , 2019, 7, 413.	0.9	64
20	Machine-Learning-Based Laboratory Developed Test for the Diagnosis of Sepsis in High-Risk Patients. <i>Diagnostics</i> , 2019, 9, 20.	1.3	26
21	Multicentre validation of a sepsis prediction algorithm using only vital sign data in the emergency department, general ward and ICU. <i>BMJ Open</i> , 2018, 8, e017833.	0.8	223
22	Cost and mortality impact of an algorithm-driven sepsis prediction system. <i>Journal of Medical Economics</i> , 2017, 20, 646-651.	1.0	22
23	Using Transfer Learning for Improved Mortality Prediction in a Data-Scarce Hospital Setting. <i>Biomedical Informatics Insights</i> , 2017, 9, 117822261771299.	4.6	39
24	High-performance detection and early prediction of septic shock for alcohol-use disorder patients. <i>Annals of Medicine and Surgery</i> , 2016, 8, 50-55.	0.5	51
25	Using electronic health record collected clinical variables to predict medical intensive care unit mortality. <i>Annals of Medicine and Surgery</i> , 2016, 11, 52-57.	0.5	60
26	Prediction of Sepsis in the Intensive Care Unit With Minimal Electronic Health Record Data: A Machine Learning Approach. <i>JMIR Medical Informatics</i> , 2016, 4, e28.	1.3	331