Feng Xie

List of Publications by Year
in descending order

14 papers	309 citations	1162889 8 h-index	1125617 13 g-index
19 all docs	19 docs citations	19 times ranked	274 citing authors

#	Article	IF	Citations
1	AutoScore: A Machine Learningâ€“Based Automatic Clinical Score Generator and Its Application to Mortality Prediction Using Electronic Health Records. JMIR Medical Informatics, 2020, 8, e21798.	1.3	64
2	Comparison of the EuroQol and short form 6D in Singapore multiethnic asian knee osteoarthritis patients scheduled for total knee replacement. Arthritis and Rheumatism, 2007, 57, 1043-1049.	6.7	43
3	Deep learning for temporal data representation in electronic health records: A systematic review of challenges and methodologies. Journal of Biomedical Informatics, 2022, 126, 103980.	2.5	40
4	Development and Assessment of an Interpretable Machine Learning Triage Tool for Estimating Mortality After Emergency Admissions. JAMA Network Open, 2021, 4, e2118467.	2.8	30
5	Direct and indirect costs of osteoarthritis in Singapore: a comparative study among multiethnic Asian patients with osteoarthritis. Journal of Rheumatology, 2007, 34, 165-71.	1.0	28
6	True Difference or Something Else? Problems in Cost of Osteoarthritis Studies. Seminars in Arthritis and Rheumatism, 2007, 37, 127-132.	1.6	26
7	Novel model for predicting inpatient mortality after emergency admission to hospital in Singapore: retrospective observational study. BMJ Open, 2019, 9, e031382.	0.8	15
8	Heart rate n-variability (HRnV) and its application to risk stratification of chest pain patients in the emergency department. BMC Cardiovascular Disorders, 2020, 20, 168.	0.7	15
9	Leveraging Large-Scale Electronic Health Records and Interpretable Machine Learning for Clinical Decision Making at the Emergency Department: Protocol for System Development and Validation. JMIR Research Protocols, 2022, 11, e34201.	0.5	10
10	AutoScore-Survival: Developing interpretable machine learning-based time-to-event scores with right-censored survival data. Journal of Biomedical Informatics, 2022, 125, 103959.	2.5	8
11	AutoScore-Imbalance: An interpretable machine learning tool for development of clinical scores with rare events data. Journal of Biomedical Informatics, 2022, 129, 104072.	2.5	8
12	A novel interpretable machine learning system to generate clinical risk scores: An application for predicting early mortality or unplanned readmission in a retrospective cohort study. , 2022, 1, e0000062.		7
13	Development and validation of an interpretable machine learning scoring tool for estimating time to emergency readmissions. EClinicalMedicine, 2022, 45, 101315.	3.2	5
14	Development and validation of an interpretable clinical score for early identification of acute kidney injury at the emergency department. Scientific Reports, 2022, 12, 7111.	1.6	5