Using Explainable Machine Learning to Improve Intensive Care Unit Alarm Systems

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#	Paper	IF	Citations
13	Using Machine Learning Techniques to Predict MACE in Very Young Acute Coronary Syndrome Patients.. *Diagnostics*, **2022**, 12,	3.8	0
12	Statistical Analysis and Machine Learning Prediction of Disease Outcomes for COVID-19 and Pneumonia Patients.. *Frontiers in Cellular and Infection Microbiology*, **2022**, 12, 838749	5.9	0
11	COVLIAS 2.0-cXAI: Cloud-Based Explainable Deep Learning System for COVID-19 Lesion Localization in Computed Tomography Scans. *Diagnostics*, **2022**, 12, 1482	3.8	1
10	Editorial Comment: Technology for Tedious Tasks.		
9	Prediction of Mortality after Burn Surgery in Critically Ill Burn Patients Using Machine Learning Models. **2022**, 12, 1293		
8	Using Bayesian Optimization and Wavelet Decomposition in GPU for Arterial Blood Pressure Estimation. **2022**,		2
7	Advanced Patient Monitoring and Alert System with Auto Medicine Suggestion using Machine Learning. **2022**,		0
6	Application of Explainable Artificial Intelligence for Healthcare: A Systematic Review of the Last Decade (2011–2022). **2022**, 107161		7
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3	Two-Step Approach for Occupancy Estimation in Intensive Care Units Based on Bayesian Optimization Techniques. **2023**, 23, 1162		1
2	Improving Intensive Care Unit Early Readmission Prediction Using Optimized and Explainable Machine Learning. **2023**, 20, 3455		1
1	Medication Regimen Complexity Index Score at Admission as a Predictor of Inpatient Outcomes: A Machine Learning Approach. **2023**, 20, 3760		0