Laura Verde

List of Publications by Year
in descending order

23 papers	401 citations	1039406 9 h-index	996533 15 g-index
24 all docs	24 docs citations	24 times ranked	228 citing authors

#	ARTICLE	IF	CITATIONS
1	Voice Disorder Identification by Using Machine Learning Techniques. IEEE Access, 2018, 6, 16246-16255.	2.6	92
2	Exploring the Use of Artificial Intelligence Techniques to Detect the Presence of Coronavirus Covid-19 Through Speech and Voice Analysis. IEEE Access, 2021, 9, 65750-65757.	2.6	52
3	A new database of healthy and pathological voices. Computers and Electrical Engineering, 2018, 68, 310-321.	3.0	44
4	A methodology for voice classification based on the personalized fundamental frequency estimation. Biomedical Signal Processing and Control, 2018, 42, 134-144.	3.5	26
5	Voice Disorder Detection via an m-Health System: Design and Results of a Clinical Study to Evaluate Vox4Health. BioMed Research International, 2018, 2018, 1-19.	0.9	23
6	Leveraging Artificial Intelligence to Improve Voice Disorder Identification Through the Use of a Reliable Mobile App. IEEE Access, 2019, 7, 124048-124054.	2.6	23
7	A Real-time m-Health Monitoring System: An Integrated Solution Combining the Use of Several Wearable Sensors and Mobile Devices. , 2017, , .		21
8	A neural network approach to classify carotid disorders from Heart Rate Variability analysis. Computers in Biology and Medicine, 2019, 109, 226-234.	3.9	19
9	Dysphonia Detection Index (DDI): A New Multi-Parametric Marker to Evaluate Voice Quality. IEEE Access, 2019, 7, 55689-55697.	2.6	16
10	An m-health system for the estimation of voice disorders. , 2015, , .		12
11	Exploring Data and Model Poisoning Attacks to Deep Learning-Based NLP Systems. Procedia Computer Science, 2021, 192, 3570-3579.	1.2	12
12	Artificial Intelligence Techniques for the Non-invasive Detection of COVID-19 Through the Analysis of Voice Signals. Arabian Journal for Science and Engineering, 2023, 48, 11143-11153.	1.7	11
13	Evaluating Efficiency and Effectiveness of Federated Learning Approaches in Knowledge Extraction Tasks. , 2021, , .		9
14	A Deep Learning Approach for Voice Disorder Detection for Smart Connected Living Environments. ACM Transactions on Internet Technology, 2022, 22, 1-16.	3.0	9
15	A Lightweight Machine Learning Approach to Detect Depression from Speech Analysis. , 2021, , .		7
16	Healthcare Systems: An Overview of the Most Important Aspects of Current and Future m-Health Applications. , 2020, , 213-231.		5
17	A Machine Learning Approach for Carotid Diseases using Heart Rate Variability Features. , 2018, , .		5
18	Exploring the Impact of Data Poisoning Attacks on Machine Learning Model Reliability. Procedia Computer Science, 2021, 192, 2624-2632.	1.2	4

#	Article	IF	Citations
19	Vox4Health: Preliminary Results of a Pilot Study for the Evaluation of a Mobile Voice Screening Application. Advances in Intelligent Systems and Computing, 2016, , 131-140.	0.5	4
20	A noise-aware methodology for a Mobile Voice Screening application. , 2015, , .		3
21	Sensitivity of Machine Learning Approaches to Fake and Untrusted Data in Healthcare Domain. Journal of Sensor and Actuator Networks, 2022, 11, 21.	2.3	3
22	A Privacy-Oriented Approach for Depression Signs Detection Based on Speech Analysis. Electronics (Switzerland), 2021, 10, 2986.	1.8	1
23	An Objective Measure of Carotid Disease Based on a Multiparameter Approach. , 2019, , .		0