# Laura Verde

## List of Publications by Citations

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|---|---|
| **21** papers | **183** citations |
| **9** h-index | **13** g-index |
| **24** ext. papers | **275** ext. citations |
| **3** avg, IF | **3.64** L-index |

| # | Paper | IF | Citations |
|---|-------|----|-----------|
| 21 | Voice Disorder Identification by Using Machine Learning Techniques. *IEEE Access*, **2018**, 6, 16246-16255 | 3.5 | 41 |
| 20 | A methodology for voice classification based on the personalized fundamental frequency estimation. *Biomedical Signal Processing and Control*, **2018**, 42, 134-144 | 4.9 | 20 |
| 19 | A new database of healthy and pathological voices. *Computers and Electrical Engineering*, **2018**, 68, 310-321 | 4.3 | 19 |
| 18 | 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 | 3.5 | 19 |
| 17 | Leveraging Artificial Intelligence to Improve Voice Disorder Identification Through the Use of a Reliable Mobile App. *IEEE Access*, **2019**, 7, 124048-124054 | 3.5 | 13 |
| 16 | Dysphonia Detection Index (DDI): A New Multi-Parametric Marker to Evaluate Voice Quality. *IEEE Access*, **2019**, 7, 55689-55697 | 3.5 | 12 |
| 15 | A neural network approach to classify carotid disorders from Heart Rate Variability analysis. *Computers in Biology and Medicine*, **2019**, 109, 226-234 | 7 | 11 |
| 14 | A Real-time m-Health Monitoring System: An Integrated Solution Combining the Use of Several Wearable Sensors and Mobile Devices **2017**, | | 11 |
| 13 | Voice Disorder Detection via an m-Health System: Design and Results of a Clinical Study to Evaluate Vox4Health. *BioMed Research International*, **2018**, 2018, 8193694 | 3 | 10 |
| 12 | An m-health system for the estimation of voice disorders **2015**, | | 8 |
| 11 | Exploring Data and Model Poisoning Attacks to Deep Learning-Based NLP Systems. *Procedia Computer Science*, **2021**, 192, 3570-3579 | 1.6 | 3 |
| 10 | A Machine Learning Approach for Carotid Diseases using Heart Rate Variability Features **2018**, | | 3 |
| 9 | Healthcare Systems: An Overview of the Most Important Aspects of Current and Future m-Health Applications **2020**, 213-231 | | 3 |
| 8 | 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 | 0.4 | 3 |
| 7 | A noise-aware methodology for a Mobile Voice Screening application **2015**, | | 2 |
| 6 | A Deep Learning Approach for Voice Disorder Detection for Smart Connected Living Environments. *ACM Transactions on Internet Technology*, **2022**, 22, 1-16 | 3.8 | 1 |
| 5 | Exploring the Impact of Data Poisoning Attacks on Machine Learning Model Reliability. *Procedia Computer Science*, **2021**, 192, 2624-2632 | 1.6 | 1 |

# LIST OF PUBLICATIONS

4    Artificial Intelligence Techniques for the Non-invasive Detection of COVID-19 Through the Analysis of Voice Signals. *Arabian Journal for Science and Engineering*, **2021**, 1-11    2.5    0

3    Sensitivity of Machine Learning Approaches to Fake and Untrusted Data in Healthcare Domain. *Journal of Sensor and Actuator Networks*, **2022**, 11, 21    3.8    0

2    A Privacy-Oriented Approach for Depression Signs Detection Based on Speech Analysis. *Electronics (Switzerland)*, **2021**, 10, 2986    2.6

1    Wearable Sensor Signals: An Overview of the AI Models Most Commonly Applied to Time Series Data Analysis. *Studies in Computational Intelligence*, **2022**, 147-163    0.8