

Francesco Beritelli

List of Publications by Year in descending order

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Enhancing Perceptual Experience of Video Quality in Drone Communications by Using VPN Bonding. IEEE Embedded Systems Letters, 2023, 15, 1-4. | 1.9 | 0 |
| 2 | Optimization of UAV-Femtocell Systems Positioning via Game Theory to Geolocate Mobile Terminals in a Post-Earthquake Scenario. , 2021, , . | | 1 |
| 3 | Car Social Network: Contact a Driver Through the License Plate. , 2021, , . | | 0 |
| 4 | Soil Moisture Estimation based on the RSSI of RFID Modules. , 2021, , . | | 1 |
| 5 | PER-COVID (PEople pRoximity based on Certified and coOperative VIDEo-intelligence): A Software Tool for Physical Distancing and PPE Monitoring. , 2021, , . | | 0 |
| 6 | A CNN-based Audio Sensor for Rainfall Estimation: Implementation on Embedded Board. , 2021, , . | | 0 |
| 7 | Hydrogeological Risk Management in Smart Cities: A New Approach to Rainfall Classification Based on LTE Cell Selection Parameters. IEEE Access, 2020, 8, 137161-137173. | 4.2 | 10 |
| 8 | Heart Sound Multiclass Analysis Based on Raw Data and Convolutional Neural Network. , 2020, 4, 1-4. | | 18 |
| 9 | Automatic ECG Diagnosis Using Convolutional Neural Network. Electronics (Switzerland), 2020, 9, 951. | 3.1 | 67 |
| 10 | A Smart UAV-Femtocell Data Sensing System for Post-Earthquake Localization of People. IEEE Access, 2020, 8, 30262-30270. | 4.2 | 10 |
| 11 | An Innovative Acoustic Rain Gauge Based on Convolutional Neural Networks. Information (Switzerland), 2020, 11, 183. | 2.9 | 18 |
| 12 | A CNN-based Differential Image Processing Approach for Rainfall Classification. Advances in Science, Technology and Engineering Systems, 2020, 5, 438-444. | 0.5 | 5 |
| 13 | An Innovative Technique for Identification of Missing Persons in Natural Disaster Based on Drone-Femtocell Systems. Sensors, 2019, 19, 4547. | 3.8 | 11 |
| 14 | A Convolutional Neural Networks Approach to Audio Classification for Rainfall Estimation. , 2019, , . | | 14 |
| 15 | Automatic heart activity diagnosis based on Gram polynomials and probabilistic neural networks. Biomedical Engineering Letters, 2018, 8, 77-85. | 4.1 | 43 |
| 16 | A novel training method to preserve generalization of RBPNN classifiers applied to ECG signals diagnosis. Neural Networks, 2018, 108, 331-338. | 5.9 | 38 |
| 17 | Rainfall Estimation Based on the Intensity of the Received Signal in a LTE/4G Mobile Terminal by Using a Probabilistic Neural Network. IEEE Access, 2018, 6, 30865-30873. | 4.2 | 40 |
| 18 | Poster: Real-time rainfall estimation based on LTE vehicular communications for road safety applications. , 2017, , . | | 0 |