

Faheem Khan

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

496
citations

1040056

9
h-index

1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

474
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A Detailed Algorithm for Vital Sign Monitoring of a Stationary/Non-Stationary Human through IR-UWB Radar. <i>Sensors</i> , 2017, 17, 290. | 3.8 | 96 |
| 2 | Vital Sign Monitoring and Mobile Phone Usage Detection Using IR-UWB Radar for Intended Use in Car Crash Prevention. <i>Sensors</i> , 2017, 17, 1240. | 3.8 | 76 |
| 3 | Detecting Mid-Air Gestures for Digit Writing With Radio Sensors and a CNN. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 1066-1081. | 4.7 | 71 |
| 4 | An Overview of Signal Processing Techniques for Remote Health Monitoring Using Impulse Radio UWB Transceiver. <i>Sensors</i> , 2020, 20, 2479. | 3.8 | 65 |
| 5 | Hand-Based Gesture Recognition for Vehicular Applications Using IR-UWB Radar. <i>Sensors</i> , 2017, 17, 833. | 3.8 | 62 |
| 6 | Finger-Counting-Based Gesture Recognition within Cars Using Impulse Radar with Convolutional Neural Network. <i>Sensors</i> , 2019, 19, 1429. | 3.8 | 34 |
| 7 | In-Air Continuous Writing Using UWB Impulse Radar Sensors. <i>IEEE Access</i> , 2020, 8, 99302-99311. | 4.2 | 25 |
| 8 | Vital sign monitoring of a non-stationary human through IR-UWB radar. , 2014, , . | | 14 |
| 9 | Hand Pointing Gestures Based Digital Menu Board Implementation Using IR-UWB Transceivers. <i>IEEE Access</i> , 2019, 7, 58148-58157. | 4.2 | 13 |
| 10 | Humanâ€“computer interaction using radio sensor for people with severe disability. <i>Sensors and Actuators A: Physical</i> , 2018, 282, 39-54. | 4.1 | 11 |
| 11 | Design issues in vital sign monitoring through IR UWB radar. , 2014, , . | | 9 |
| 12 | An IR-UWB Multi-Sensor Approach for Collision Avoidance in Indoor Environments. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-13. | 4.7 | 9 |
| 13 | Effect of network density on the performance of MANET routing protocols. , 2013, , . | | 4 |
| 14 | Implementation of Wavelet transform for monitoring of vital signs through IR-UWB Radar. , 2017, , . | | 4 |
| 15 | On the optimal frame size of linear prediction techniques. , 2013, , . | | 3 |
| 16 | Handling Radar Cross-Section Performance in Monitoring Vital Signs Under Constraint Conditions. <i>Frontiers in Signal Processing</i> , 2021, 1, . | 1.7 | 0 |