

Faheem Khan

List of Publications by Year in descending order

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16
papers

496
citations

1040056

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1372567

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16
all docs

16
docs citations

16
times ranked

474
citing authors

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