

Pengfei Wang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

159
citations

1307594

7
h-index

1372567

10
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15
all docs

15
docs citations

15
times ranked

122
citing authors

#	ARTICLE	IF	CITATIONS
1	Position-Information-Indexed Classifier for Improved Through-Wall Detection and Classification of Human Activities Using UWB Bio-Radar. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 437-441.	4.0	35
2	Noncontact Heart Rate Measurement Based on an Improved Convolutional Sparse Coding Method Using IR-UWB Radar. IEEE Access, 2019, 7, 158492-158502.	4.2	25
3	Method for Distinguishing Humans and Animals in Vital Signs Monitoring Using IR-UWB Radar. International Journal of Environmental Research and Public Health, 2019, 16, 4462.	2.6	25
4	Non-Contact Vital Signs Monitoring of Dog and Cat Using a UWB Radar. Animals, 2020, 10, 205.	2.3	25
5	An Accurate Method to Distinguish Between Stationary Human and Dog targets Under Through-Wall Condition Using UWB Radar. Remote Sensing, 2019, 11, 2571.	4.0	16
6	Multiscale Residual Attention Network for Distinguishing Stationary Humans and Common Animals Under Through-Wall Condition Using Ultra-Wideband Radar. IEEE Access, 2020, 8, 121572-121583.	4.2	14
7	Non-Contact Vital States Identification of Trapped Living Bodies Using Ultra-Wideband Bio-Radar. IEEE Access, 2021, 9, 6550-6559.	4.2	8
8	A robust multi-feature based method for distinguishing between humans and pets to ensure signal source in vital signs monitoring using UWB radar. Eurasip Journal on Advances in Signal Processing, 2021, 2021, .	1.7	4
9	A dynamic clutter interference suppression method for multiple static human targets detection using ultra-wideband radar. Microwave and Optical Technology Letters, 2019, 61, 2854-2865.	1.4	3
10	Research on Identifying Different Life States Based on the Changes of Vital Signs of Rabbit under Water and Food Deprivation by UWB Radar Measurement. , 2019, , .		1
11	Through-the-Debris Imagery of Vital Signs Using UWB MIMO Bioradar. , 2019, , .		1
12	Distinction between Human and Animal in Respiratory Monitoring Based on IR-UWB Radar. , 2019, , .		1
13	Autofocusing method for through-the-wall bioradar imagery of human vital signs. Journal of Engineering, 2019, 2019, 7597-7600.	1.1	1
14	Radar Cross Section analysis of common objects for indoor environment sensing by simulation. , 2019, , .		0
15	Corrections to “Non-Contact Vital States Identification of Trapped Living Bodies Using Ultra-Wideband Bio-Radar” IEEE Access, 2021, 9, 22078-22079.	4.2	0