Qiang An

List of Publications by Year
in descending order

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24	225	1040056 9	1125743 13
papers	citations	h-index	g-index

24	24	24	185
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Range-Max Enhanced Ultrawideband Micro-Doppler Signatures of Behind-the-Wall Indoor Human Motions. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-19.	6.3	8
2	Through-the-wall high-dimensional imaging of human vital signs by combining multiple enhancement algorithms using portable LFMCW-MIMO radar. Measurement: Journal of the International Measurement Confederation, 2022, 195, 111074.	5.0	7
3	Through-the-Wall Micro-Doppler De-Wiring Technique via Cycle-Consistent Adversarial Network. Electronics (Switzerland), 2022, 11, 124.	3.1	1
4	Cylindrical MIMO Array-Based Near-Field Microwave Imaging. IEEE Transactions on Antennas and Propagation, 2021, 69, 612-617.	5.1	25
5	Wiring Effects Mitigation for Through-Wall Human Motion Micro-Doppler Signatures Using a Generative Adversarial Network. IEEE Sensors Journal, 2021, 21, 10007-10016.	4.7	7
6	Task-specific Sparse MIMO Array Design for TWRI using Multi-objective CMA-ES. , 2021, , .		2
7	Inverse Scattering via Cascaded Neural Network. , 2021, , .		0
8	Feature Extraction for Dynamic Hand Gesture Recognition Using Block Sparsity Model. , 2021, , .		0
9	2-D Coherence Factor for Sidelobe and Ghost Suppressions in Radar Imaging. IEEE Transactions on Antennas and Propagation, 2020, 68, 1204-1209.	5.1	11
10	Non-Contact Vital Signs Monitoring of Dog and Cat Using a UWB Radar. Animals, 2020, 10, 205.	2.3	25
11	Threeâ€Dimensional Groundâ€Penetrating Radar Imaging Through Multilayered Subsurface. Radio Science, 2019, 54, 728-737.	1.6	10
12	Range Coherence Factor for Down Range Sidelobes Suppression in Radar Imaging Through Multilayered Dielectric Media. IEEE Access, 2019, 7, 66910-66918.	4.2	9
13	2-D Coherence Factor Enhancement of Radar Images. , 2019, , .		0
14	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
15	Detection of People Trapped under the Ruins Using Dual-frequency IR-UWB Radar. , 2018, , .		5
16	Total Variation Constrained Sparse Image Reconstruction of Multiple Stationary Human Targets Behind Walls. , 2018, , .		3
17	Detection of Multiple Stationary Humans Using UWB MIMO Radar. Sensors, 2016, 16, 1922.	3.8	36
18	Detection and Identification of Multiple Stationary Human Targets Via Bio-Radar Based on the Cross-Correlation Method. Sensors, 2016, 16, 1793.	3.8	16

#	Article	IF	Citations
19	Noncontanct detection of static humans using dual-channel SFCW bioradar. , 2016, , .		0
20	A 94GHz millimeter-wave radar conduct speech enhancement based on signal subspace algorithm. , 2016, , .		0
21	A novel time-frequency analysis method based on HHT for finer-grained human activity using SFCW radar. , 2016, , .		1
22	Wavelet Based human target detection in complex ruins using a low center frequency UWB radar. , 2016, , .		4
23	Study on the detection performance of UWB bio-radar with segmented time window. , 2016, , .		2
24	An Adaptive-MSSA-Based Algorithm for Detection of Trapped Victims Using UWB Radar. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1808-1812.	3.1	28