

Weijie Xia

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

226
citations

1307594

7
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	Radarâ€”ID: human identification based on radar microâ€”Doppler signatures using deep convolutional neural networks. IET Radar, Sonar and Navigation, 2018, 12, 729-734.	1.8	84
2	Approximate Designs for Fast Fourier Transform (FFT) With Application to Speech Recognition. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 4727-4739.	5.4	49
3	Radar-Based High-Accuracy Cardiac Activity Sensing. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	28
4	Heart ID: Human Identification Based on Radar Micro-Doppler Signatures of the Heart Using Deep Learning. Remote Sensing, 2019, 11, 1220.	4.0	19
5	Radarâ€”based human identification using deep neural network for longâ€”term stability. IET Radar, Sonar and Navigation, 2020, 14, 1521-1527.	1.8	9
6	Target vibration estimation in SAR based on phase-analysis method. Eurasip Journal on Advances in Signal Processing, 2016, 2016, .	1.7	8
7	Timeâ€”based multiâ€”component irregular FM microâ€”Doppler signals decomposition via STVMD. IET Radar, Sonar and Navigation, 2020, 14, 1502-1511.	1.8	8
8	A Fast Algorithm of Generalized Radon-Fourier Transform for Weak Maneuvering Target Detection. International Journal of Antennas and Propagation, 2016, 2016, 1-10.	1.2	7
9	The maximum of CRLB of time delay estimation. , 2014, , .		4
10	Passive ground camouflage target recognition based on gray feature and texture feature in SAR images. , 2016, , .		3
11	Thinned Array Design With Minimum Number of Transducers for Multibeam Imaging Sonar. IEEE Journal of Oceanic Engineering, 2017, 42, 892-900.	3.8	3
12	Synthetic Images Augmentation for Robust SAR Target Recognition. , 2021, , .		3
13	Missile-Borne SAR Raw Signal Simulation for Maneuvering Target. International Journal of Antennas and Propagation, 2016, 2016, 1-12.	1.2	1
14	Azimuth angle estimation of multiple targets using Sinusoidal Frequency Modulated Continuous Wave radar. , 2017, , .		0