

Yi-Xiong Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

205
citations

1163117

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1058476

14
g-index

28
all docs

28
docs citations

28
times ranked

191
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Deep Learning on Millimeter-Wave Radar Signals: A Review. <i>Sensors</i> , 2021, 21, 1951.	3.8	44
2	Activity Classification Based on Feature Fusion of FMCW Radar Human Motion Micro-Doppler Signatures. <i>IEEE Sensors Journal</i> , 2022, 22, 8648-8662.	4.7	29
3	A Novel Monopulse Angle Estimation Method for Wideband LFM Radars. <i>Sensors</i> , 2016, 16, 817.	3.8	22
4	Frequency-Domain Range Sidelobe Correction in Stretch Processing for Wideband LFM Radars. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2017, 53, 111-121.	4.7	19
5	A Novel Long-Time Accumulation Method for Double-Satellite TDOA/FDOA Interference Localization. <i>Radio Science</i> , 2018, 53, 129-142.	1.6	15
6	Further investigation on time-domain maximum likelihood estimation of chirp signal parameters. <i>IET Signal Processing</i> , 2013, 7, 444-449.	1.5	12
7	Video Superresolution Reconstruction Using Iterative Back Projection with Critical-Point Filters Based Image Matching. <i>Advances in Multimedia</i> , 2015, 2015, 1-10.	0.4	12
8	Joint estimation of motion parameters using Newton's method. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2015, 51, 3386-3398.	4.7	8
9	Fast Range and Motion Parameters Estimation for Maneuvering Targets Using Time-Reversal Process. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019, 55, 3190-3206.	4.7	6
10	A Fast Motion Parameters Estimation Method Based on Cross-Correlation of Adjacent Echoes for Wideband LFM Radars. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 500.	2.5	5
11	Micro-Doppler Ambiguity Resolution Based on Short-Time Compressed Sensing. <i>Journal of Electrical and Computer Engineering</i> , 2015, 2015, 1-7.	0.9	4
12	Compound time-frequency domain method for estimating parameters of uniform sampling polynomial phase signals on the entire identifiable region. <i>IET Signal Processing</i> , 2016, 10, 743-751.	1.5	4
13	Fast Acceleration and Velocity Estimation for Wideband Stretching LFM Radars Based on Mutual Bias Correction. <i>IEEE Sensors Journal</i> , 2020, 20, 8683-8697.	4.7	4
14	Parameter estimation of polynomial phase signal based on low-complexity LSU-EKF algorithm in entire identifiable region. , 2016, , .		3
15	Recurrent Network Knowledge Distillation for Image Rain Removal. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2022, 14, 1642-1653.	3.8	3
16	Motion Compensation Using Polyline Based Block Partition. , 2009, , .		2
17	Optimization of 2.4KBPS MELPe based on ARM9. , 2011, , .		2
18	Analysis of OpenXML-based office encryption mechanism. , 2012, , .		2

#	ARTICLE	IF	CITATIONS
19	2D Hand Tracking Based on Flocking with Obstacle Avoidance. International Journal of Advanced Robotic Systems, 2014, 11, 22.	2.1	2
20	3D terahertz incoherent point-cloud imaging for complex objects. Optics Communications, 2021, 500, 127271.	2.1	2
21	Frequency Estimation for Zero-Padded Signal Based on the Amplitude Ratio of Two DFT Samples. IEEE Transactions on Signal Processing, 2021, 69, 6504-6514.	5.3	2
22	Image interpolation using multiresolutional critical point filters with unconstrained boundary extension. , 2010, , .		1
23	Video coding using geometry based block partitioning and reordering discrete cosine transform. Journal of Zhejiang University: Science C, 2012, 13, 71-82.	0.7	1
24	A Wideband/Narrowband Fusion-Based Motion Estimation Method for Maneuvering Target. IEEE Sensors Journal, 2019, 19, 8095-8106.	4.7	1
25	Statistics-based deblocking filter in H.264/AVC for real time implementation. , 2010, , .		0
26	Depth from motion using critical point filters with unconstraint camera motion. , 2013, , .		0