

Jianxin Yi

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

509
citations

933447

10
h-index

752698

20
g-index

44
all docs

44
docs citations

44
times ranked

346
citing authors

#	ARTICLE	IF	CITATIONS
1	Digital television based passive bistatic radar system for drone detection. , 2017, , .		55
2	Experimental Research of Multistatic Passive Radar With a Single Antenna for Drone Detection. IEEE Access, 2018, 6, 33542-33551.	4.2	53
3	Experimental Research for CMMB-Based Passive Radar Under a Multipath Environment. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 70-85.	4.7	51
4	MIMO Passive Radar Tracking Under a Single Frequency Network. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 1661-1671.	10.8	36
5	Robust Clutter Rejection in Passive Radar via Generalized Subband Cancellation. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 1931-1946.	4.7	32
6	Deghosting for target tracking in single frequency network based passive radar. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 2655-2668.	4.7	25
7	Joint Placement of Transmitters and Receivers for Distributed MIMO Radars. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 122-134.	4.7	24
8	Side Peak Interference Mitigation in FM-Based Passive Radar Via Detection Identification. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 778-788.	4.7	23
9	Cochannel Interference in DTMB-Based Passive Radar. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 2138-2149.	4.7	18
10	Evaluation of Clutter Suppression in CP-OFDM-Based Passive Radar. IEEE Sensors Journal, 2019, 19, 5572-5586.	4.7	17
11	Greedy Algorithm-Based Track-Before-Detect in Radar Systems. IEEE Sensors Journal, 2018, 18, 7158-7165.	4.7	14
12	Parallel processing algorithm for multipath clutter cancellation in passive radar. IET Radar, Sonar and Navigation, 2018, 12, 121-129.	1.8	11
13	Noncooperative registration for multistatic passive radars. IEEE Transactions on Aerospace and Electronic Systems, 2016, 52, 563-575.	4.7	10
14	LTE-based passive radar for drone detection and its experimental results. Journal of Engineering, 2019, 2019, 6910-6913.	1.1	9
15	Polarization Diversity Technology Research in Passive Radar Based on Subcarrier Processing. IEEE Sensors Journal, 2019, 19, 1710-1719.	4.7	9
16	Recognition and Mitigation of Micro-Doppler Clutter in Radar Systems via Support Vector Machine. IEEE Sensors Journal, 2020, 20, 918-930.	4.7	9
17	Robust DOA Estimation for Passive Radar With Target Signals Mixed in the Reference Channel. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 456-460.	3.1	9
18	Receiver placement in multistatic passive radars. , 2015, , .		8

#	ARTICLE	IF	CITATIONS
19	Time varying Clutter Suppression in CP OFDM Based Passive Radar for Slowly Moving Targets Detection. IEEE Sensors Journal, 2020, , 1-1.	4.7	8
20	Target Tracking in Time-Division-Multifrequency-Based Passive Radar. IEEE Sensors Journal, 2020, 20, 4382-4394.	4.7	8
21	Array Errors and Antenna Element Patterns Calibration Based on Uniform Circular Array. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1063-1067.	4.0	8
22	Joint Optimization of Receiver Placement and Illuminator Selection for a Multiband Passive Radar Network. Sensors, 2017, 17, 1378.	3.8	7
23	Exactly Decoupled Kalman Filtering for Multitarget State Estimation With Sensor Bias. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 2256-2271.	4.7	7
24	A Hybrid Tracking Algorithm for Multistatic Passive Radar. IEEE Systems Journal, 2021, 15, 2024-2034.	4.6	7
25	PN Signal as a New Illuminator of Opportunity for Passive Radar Applications. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 67-71.	3.1	6
26	DOA Estimation Considering Effect of Adaptive Clutter Rejection in Passive Radar. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	6
27	Performance of the least squares filter for passive radar interference cancellation applications. IET Radar, Sonar and Navigation, 2017, 11, 1208-1215.	1.8	5
28	Sparse Representation for Target Parameter Estimation in CDR-Based Passive Radar. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1024-1028.	3.1	5
29	Track-Feature-Based Target Classification in Passive Radar for Low-Altitude Airspace Surveillance. IEEE Sensors Journal, 2021, 21, 10017-10028.	4.7	5
30	Polarisation experimental research of passive radar based on digital television signal. Electronics Letters, 2018, 54, 385-387.	1.0	4
31	Tracking Algorithm with Data Fusion in Single Frequency Network-based MISO Passive Radar. , 2018, , .		4
32	Reference Signal Reconstruction Under Oversampling for DTMB-Based Passive Radar. IEEE Access, 2020, 8, 74024-74038.	4.2	4
33	Experimental Research of Sea Clutter Detection Based on UHF Passive Radar. , 2018, , .		3
34	Manoeuvring target detection based on keystone transforms and conjugates time reversing transform. Electronics Letters, 2018, 54, 1237-1239.	1.0	2
35	A Fast Coherent Integration Algorithm for Maneuvering Target Detection. IEEE Sensors Journal, 2019, 19, 4560-4570.	4.7	2
36	Experimental research of drone monitoring using multi-static passive radar. Journal of Engineering, 2019, 2019, 6795-6798.	1.1	2

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37	Passive radar polarisation filtering technology research. Journal of Engineering, 2019, 2019, 7390-7392.	1.1	1
38	An Image-Based Radar Detector Approaching Optimal Likelihood Ratio Detector. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 2063-2072.	4.7	1
39	Experimental Results of Passive Radar on Moving Platform for Drone Detection. , 2021, , .		1
40	A fast direct cartesian localization in single frequency networks-based MIMO passive radar. , 2016, , .		0
41	Experimental research for target tracking in single frequency network based passive radar. , 2016, , .		0
42	Subcarrier-based tomographic imaging for single-frequency network passive radar with orthogonal frequency-division multiplexing waveform. IET Radar, Sonar and Navigation, 2016, 10, 546-552.	1.8	0
43	$\hat{a}, \hat{a}, \hat{a}$ Regularized least squares versus matched filtering. Signal Processing, 2022, 192, 108398.	4.7	0
44	A robust symbol timing strategy for cellular systems. Digital Communications and Networks, 2022, , .	5.0	0