Jianxin Yi

List of Publications by Year in descending order

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	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si24.svg"><mml:msub><mml:mi>â„“</mml:mi><mml:mn>0</mml:mn></mml:msub></mml:math>-Regularized least squares versus matched filtering. Signal Processing, 2022, 192, 108398.	3.7	0
2	An Image-Based Radar Detector Approaching Optimal Likelihood Ratio Detector. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 2063-2072.	4.7	1
3	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
4	A robust symbol timing strategy for cellular systems. Digital Communications and Networks, 2022, , .	5.0	0
5	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
6	A Hybrid Tracking Algorithm for Multistatic Passive Radar. IEEE Systems Journal, 2021, 15, 2024-2034.	4.6	7
7	Sparse Representation for Target Parameter Estimation in CDR-Based Passive Radar. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1024-1028.	3.1	5
8	Track-Feature-Based Target Classification in Passive Radar for Low-Altitude Airspace Surveillance. IEEE Sensors Journal, 2021, 21, 10017-10028.	4.7	5
9	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
10	Experimental Results of Passive Radar on Moving Platform for Drone Detection. , 2021, , .		1
11	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
12	Recognition and Mitigation of Micro-Doppler Clutter in Radar Systems via Support Vector Machine. IEEE Sensors Journal, 2020, 20, 918-930.	4.7	9
13	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
14	Time varying Clutter Suppression in CP OFDM Based Passive Radar for Slowly Moving Targets Detection. IEEE Sensors Journal, 2020, , 1-1.	4.7	8
15	Reference Signal Reconstruction Under Oversampling for DTMB-Based Passive Radar. IEEE Access, 2020, 8, 74024-74038.	4.2	4
16	Target Tracking in Time-Division-Multifrequency-Based Passive Radar. IEEE Sensors Journal, 2020, 20, 4382-4394.	4.7	8
17	A Fast Coherent Integration Algorithm for Maneuvering Target Detection. IEEE Sensors Journal, 2019, 19, 4560-4570.	4.7	2
18	Evaluation of Clutter Suppression in CP-OFDM-Based Passive Radar. IEEE Sensors Journal, 2019, 19, 5572-5586.	4.7	17

#	Article	IF	Citations
19	LTEâ€based passive radar for drone detection and its experimental results. Journal of Engineering, 2019, 2019, 6910-6913.	1.1	9
20	Experimental research of drone monitoring using multiâ€static passive radar. Journal of Engineering, 2019, 2019, 6795-6798.	1.1	2
21	Polarization Diversity Technology Research in Passive Radar Based on Subcarrier Processing. IEEE Sensors Journal, 2019, 19, 1710-1719.	4.7	9
22	Cochannel Interference in DTMB-Based Passive Radar. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 2138-2149.	4.7	18
23	Passive radar polarisation filtering technology research. Journal of Engineering, 2019, 2019, 7390-7392.	1.1	1
24	Robust Clutter Rejection in Passive Radar via Generalized Subband Cancellation. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 1931-1946.	4.7	32
25	Parallel processing algorithm for multipath clutter cancellation in passive radar. IET Radar, Sonar and Navigation, 2018, 12, 121-129.	1.8	11
26	Polarisation experimental research of passive radar based on digital television signal. Electronics Letters, 2018, 54, 385-387.	1.0	4
27	Tracking Algorithm with Data Fusion in Single Frequency Network-based MISO Passive Radar. , 2018, , .		4
28	Experimental Research of Sea Clutter Detection Based on UHF Passive Radar. , 2018, , .		3
29	Manoeuvring target detection based on keystone transforms and conjugates time reversing transform. Electronics Letters, 2018, 54, 1237-1239.	1.0	2
30	Greedy Algorithm-Based Track-Before-Detect in Radar Systems. IEEE Sensors Journal, 2018, 18, 7158-7165.	4.7	14
31	Experimental Research of Multistatic Passive Radar With a Single Antenna for Drone Detection. IEEE Access, 2018, 6, 33542-33551.	4.2	53
32	Joint Placement of Transmitters and Receivers for Distributed MIMO Radars. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 122-134.	4.7	24
33	Digital television based passive bistatic radar system for drone detection. , 2017, , .		55
34	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
35	Performance of the least squares filter for passive radar interference cancellation applications. IET Radar, Sonar and Navigation, 2017, 11, 1208-1215.	1.8	5
36	Joint Optimization of Receiver Placement and Illuminator Selection for a Multiband Passive Radar Network. Sensors, 2017, 17, 1378.	3.8	7

#	Article	IF	Citations
37	A fast direct cartesian localization in single frequency networks-based MIMO passive radar. , 2016, , .		0
38	Experimental research for target tracking in single frequency network based passive radar. , 2016, , .		0
39	Noncooperative registration for multistatic passive radars. IEEE Transactions on Aerospace and Electronic Systems, 2016, 52, 563-575.	4.7	10
40	Subcarrierâ€based tomographic imaging for singleâ€frequency network passive radar with orthogonal frequencyâ€division multiplexing waveform. IET Radar, Sonar and Navigation, 2016, 10, 546-552.	1.8	0
41	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
42	Receiver placement in multistatic passive radars. , 2015, , .		8
43	MIMO Passive Radar Tracking Under a Single Frequency Network. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 1661-1671.	10.8	36
44	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