Hongqi Fan

List of Publications by Year
in descending order

34	495	933447	677142
papers	citations	10	22
		h-index	g-index

34	34	34	339
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Second-order statistics analysis and comparison between arithmetic and geometric average fusion: Application to multi-sensor target tracking. Information Fusion, 2019, 51, 233-243.	19.1	80
2	Energy efficient telemonitoring of physiological signals via compressed sensing: A fast algorithm and power consumption evaluation. Biomedical Signal Processing and Control, 2014, 11, 80-88.	5.7	74
3	Local-Diffusion-Based Distributed SMC-PHD Filtering Using Sensors With Limited Sensing Range. IEEE Sensors Journal, 2019, 19, 1580-1589.	4.7	42
4	Recent advances in multisensor multitarget tracking using random finite set. Frontiers of Information Technology and Electronic Engineering, 2021, 22, 5-24.	2.6	42
5	Analysis of Quantum Radar Cross Section and Its Influence on Target Detection Performance. IEEE Photonics Technology Letters, 2014, 26, 1146-1149.	2.5	41
6	A new multiple extended target tracking algorithm using PHD filter. Signal Processing, 2013, 93, 3578-3588.	3.7	35
7	A Robust Multi-Sensor PHD Filter Based on Multi-Sensor Measurement Clustering. IEEE Communications Letters, 2018, 22, 2064-2067.	4.1	24
8	Kullback-Leibler Averaging for Multitarget Density Fusion. Advances in Intelligent Systems and Computing, 2020, , 253-261.	0.6	22
9	Impact of Mode Decision Delay on Estimation Error for Maneuvering Target Interception. IEEE Transactions on Aerospace and Electronic Systems, 2011, 47, 702-711.	4.7	20
10	Multi-EAP: Extended EAP for multi-estimate extraction for SMC-PHD filter. Chinese Journal of Aeronautics, 2017, 30, 368-379.	5.3	17
11	Designing sequence with low sidelobe levels at specified intervals based on PSD fitting. Electronics Letters, 2015, 51, 99-101.	1.0	10
12	A Dual PHD Filter for Effective Occupancy Filtering in a Highly Dynamic Environment. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 2977-2993.	8.0	10
13	Target Turning Maneuver Detection using High Resolution Doppler Profile. IEEE Transactions on Aerospace and Electronic Systems, 2012, 48, 762-779.	4.7	8
14	Difference beam aided target detection in monopulse radar. Chinese Journal of Aeronautics, 2015, 28, 1485-1493.	5.3	8
15	Labeled Multi-Bernoulli Filter Joint Detection and Tracking of Radar Targets. Applied Sciences (Switzerland), 2019, 9, 4187.	2.5	8
16	Performance Evaluation Metrics and Approaches for Target Tracking: A Survey. Sensors, 2022, 22, 793.	3.8	7
17	A New Algorithm for Sparse Frequency Waveform Design with Range Sidelobes Constraint. Chinese Journal of Electronics, 2015, 24, 604-610.	1.5	6
18	A Computationally Efficient Labeled Multi-Bernoulli Smoother for Multi-Target Tracking. Sensors, 2019, 19, 4226.	3.8	6

#	Article	IF	Citations
19	General Bernoulli Filter for Arbitrary Clutter and Target Measurement Processes. IEEE Signal Processing Letters, 2018, 25, 1525-1529.	3.6	5
20	Simultaneous ISAR imaging of group targets flying in formation. Chinese Journal of Aeronautics, 2014, 27, 1554-1561.	5.3	4
21	Bernoulli Filter for Extended Target in Clutter Using Poisson Models. Chinese Journal of Electronics, 2015, 24, 326-331.	1.5	4
22	Joint Design of Transmitted Sequence and Receiving Filter in the Presence of Doppler Shifts. Circuits, Systems, and Signal Processing, 2015, 34, 2621-2641.	2.0	4
23	Bernoulli particle filter with observer altitude for maritime radiation source tracking in the presence of measurement uncertainty. Chinese Journal of Aeronautics, 2013, 26, 1459-1470.	5.3	3
24	Fast density peak-based clustering algorithm for multiple extended target tracking. Journal of Systems Engineering and Electronics, 2019, 30, 435-447.	2.2	3
25	A novel maneuver detector based on back propagation neural network. Signal Processing, 2011, 91, 1054-1059.	3.7	2
26	Three-dimensional analysis of relationship between relative orientation and motion modes. Chinese Journal of Aeronautics, 2014, 27, 1495-1504.	5.3	2
27	Impact of Mode Decision Delay on Estimation Error in Continuous-Time Controlled System. IEEE Access, 2018, 6, 73265-73272.	4.2	2
28	Error distribution of zero-effort miss distance under mode mismatch. International Journal of Control, 2021, 94, 643-652.	1.9	2
29	Bernoulli filter for range and Doppler ambiguous radar. IET Signal Processing, 2015, 9, 647-654.	1.5	1
30	Observability analysis of feature aided terminal guidance systems. Journal of Systems Engineering and Electronics, 2015, 26, 127-133.	2.2	1
31	é›·è¾¾¾ç›®æ‡ç‰¹å¾¾ä¿¡å·ä¸Žè¿åŠ¨æ¨¡å¼çš„ç¸å…³æ€§ç"©¶. Scientia Sinica Informationis, 2012, 42, 907-922.	0.4	1
32	Data level moving target detection algorithm based on Bâ€RFS. IET Signal Processing, 2018, 12, 729-737.	1.5	1
33	Maximal admissible mode decision delay in terminal guidance. Chinese Journal of Aeronautics, 2019, 32, 1959-1966.	5.3	0
34	Multi-aperture optical imaging systems and their mathematical light field acquisition models. Frontiers of Information Technology and Electronic Engineering, 2022, 23, 823-844.	2.6	0