

# Hongqi Fan

## List of Publications by Year in descending order

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34  
papers

495  
citations

933447

10  
h-index

677142

22  
g-index

34  
all docs

34  
docs citations

34  
times ranked

339  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Evaluation Metrics and Approaches for Target Tracking: A Survey. <i>Sensors</i> , 2022, 22, 793.	3.8	7
2	Multi-aperture optical imaging systems and their mathematical light field acquisition models. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2022, 23, 823-844.	2.6	0
3	Error distribution of zero-effort miss distance under mode mismatch. <i>International Journal of Control</i> , 2021, 94, 643-652.	1.9	2
4	Recent advances in multisensor multitarget tracking using random finite set. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2021, 22, 5-24.	2.6	42
5	Kullback-Leibler Averaging for Multitarget Density Fusion. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 253-261.	0.6	22
6	Maximal admissible mode decision delay in terminal guidance. <i>Chinese Journal of Aeronautics</i> , 2019, 32, 1959-1966.	5.3	0
7	Labeled Multi-Bernoulli Filter Joint Detection and Tracking of Radar Targets. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4187.	2.5	8
8	Fast density peak-based clustering algorithm for multiple extended target tracking. <i>Journal of Systems Engineering and Electronics</i> , 2019, 30, 435-447.	2.2	3
9	A Computationally Efficient Labeled Multi-Bernoulli Smoother for Multi-Target Tracking. <i>Sensors</i> , 2019, 19, 4226.	3.8	6
10	Second-order statistics analysis and comparison between arithmetic and geometric average fusion: Application to multi-sensor target tracking. <i>Information Fusion</i> , 2019, 51, 233-243.	19.1	80
11	Local-Diffusion-Based Distributed SMC-PHD Filtering Using Sensors With Limited Sensing Range. <i>IEEE Sensors Journal</i> , 2019, 19, 1580-1589.	4.7	42
12	A Dual PHD Filter for Effective Occupancy Filtering in a Highly Dynamic Environment. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018, 19, 2977-2993.	8.0	10
13	Impact of Mode Decision Delay on Estimation Error in Continuous-Time Controlled System. <i>IEEE Access</i> , 2018, 6, 73265-73272.	4.2	2
14	General Bernoulli Filter for Arbitrary Clutter and Target Measurement Processes. <i>IEEE Signal Processing Letters</i> , 2018, 25, 1525-1529.	3.6	5
15	A Robust Multi-Sensor PHD Filter Based on Multi-Sensor Measurement Clustering. <i>IEEE Communications Letters</i> , 2018, 22, 2064-2067.	4.1	24
16	Data level moving target detection algorithm based on Bâ€RFS. <i>IET Signal Processing</i> , 2018, 12, 729-737.	1.5	1
17	Multi-EAP: Extended EAP for multi-estimate extraction for SMC-PHD filter. <i>Chinese Journal of Aeronautics</i> , 2017, 30, 368-379.	5.3	17
18	Bernoulli Filter for Extended Target in Clutter Using Poisson Models. <i>Chinese Journal of Electronics</i> , 2015, 24, 326-331.	1.5	4

#	ARTICLE	IF	CITATIONS
19	A New Algorithm for Sparse Frequency Waveform Design with Range Sidelobes Constraint. Chinese Journal of Electronics, 2015, 24, 604-610.	1.5	6
20	Bernoulli filter for range and Doppler ambiguous radar. IET Signal Processing, 2015, 9, 647-654.	1.5	1
21	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
22	Designing sequence with low sidelobe levels at specified intervals based on PSD fitting. Electronics Letters, 2015, 51, 99-101.	1.0	10
23	Difference beam aided target detection in monopulse radar. Chinese Journal of Aeronautics, 2015, 28, 1485-1493.	5.3	8
24	Observability analysis of feature aided terminal guidance systems. Journal of Systems Engineering and Electronics, 2015, 26, 127-133.	2.2	1
25	Three-dimensional analysis of relationship between relative orientation and motion modes. Chinese Journal of Aeronautics, 2014, 27, 1495-1504.	5.3	2
26	Simultaneous ISAR imaging of group targets flying in formation. Chinese Journal of Aeronautics, 2014, 27, 1554-1561.	5.3	4
27	Analysis of Quantum Radar Cross Section and Its Influence on Target Detection Performance. IEEE Photonics Technology Letters, 2014, 26, 1146-1149.	2.5	41
28	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
29	A new multiple extended target tracking algorithm using PHD filter. Signal Processing, 2013, 93, 3578-3588.	3.7	35
30	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
31	Target Turning Maneuver Detection using High Resolution Doppler Profile. IEEE Transactions on Aerospace and Electronic Systems, 2012, 48, 762-779.	4.7	8
32	é·è¼¼¼ç·æ‡ç%°¹â¼â¼;â·ă,Žè;âŠ·æ;â¼çš,,ç,â...³æ€šç”ç©¶. Scientia Sinica Informationis, 2012, 42, 907-922.	0.4	1
33	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
34	A novel maneuver detector based on back propagation neural network. Signal Processing, 2011, 91, 1054-1059.	3.7	2