Junhai Luo

List of Publications by Year
in descending order

32 papers	949 citations	840776 11 h-index	677142 22 g-index
34 all docs	34 docs citations	34 times ranked	961 citing authors

#	Article	IF	Citations
1	Indoor Positioning Systems Based on Visible Light Communication: State of the Art. IEEE Communications Surveys and Tutorials, 2017, 19, 2871-2893.	39.4	298
2	A Survey of Routing Protocols for Underwater Wireless Sensor Networks. IEEE Communications Surveys and Tutorials, 2021, 23, 137-160.	39.4	122
3	A trust model based on fuzzy recommendation for mobile ad-hoc networks. Computer Networks, 2009, 53, 2396-2407.	5.1	119
4	Underwater Acoustic Target Tracking: A Review. Sensors, 2018, 18, 112.	3.8	93
5	Research on Localization Algorithms Based on Acoustic Communication for Underwater Sensor Networks. Sensors, 2018, 18, 67.	3.8	56
6	A Smartphone Indoor Localization Algorithm Based on WLAN Location Fingerprinting with Feature Extraction and Clustering. Sensors, 2017, 17, 1339.	3.8	54
7	Localization Algorithm for Underwater Sensor Network: A Review. IEEE Internet of Things Journal, 2021, 8, 13126-13144.	8.7	52
8	A Two-Phase Time Synchronization-Free Localization Algorithm for Underwater Sensor Networks. Sensors, 2017, 17, 726.	3.8	29
9	A Mobility-Assisted Localization Algorithm for Three-Dimensional Large-Scale UWSNs. Sensors, 2020, 20, 4293.	3.8	17
10	Optimal bit allocation for maneuvering target tracking in UWSNs with additive and multiplicative noise. Signal Processing, 2019, 164, 125-135.	3.7	12
11	Progressive low-rank subspace alignment based on semi-supervised joint domain adaption for personalized emotion recognition. Neurocomputing, 2021, 456, 312-326.	5.9	12
12	A node depth adjustment method with computation-efficiency based on performance bound for range-only target tracking in UWSNs. Signal Processing, 2019, 158, 79-90.	3.7	11
13	Strong k-Barrier Coverage for One-Way Intruders Detection in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2016, 12, 3807824.	2.2	11
14	A Softâ€“Hard Combination Decision Fusion Scheme for a Clustered Distributed Detection System with Multiple Sensors. Sensors, 2018, 18, 4370.	3.8	10
15	Linear Control of Fractional-Order Financial Chaotic Systems with Input Saturation. Discrete Dynamics in Nature and Society, 2014, 2014, 1-8.	0.9	9
16	An Improved Unscented Particle Filter Approach for Multi-Sensor Fusion Target Tracking. Sensors, 2020, 20, 6842.	3.8	9
17	Semi-Supervised Cross-Subject Emotion Recognition Based on Stacked Denoising Autoencoder Architecture Using a Fusion of Multi-Modal Physiological Signals. Entropy, 2022, 24, 577.	2.2	6
18	A Dynamic Virtual Force-Based Data Aggregation Algorithm for Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 814184.	2.2	5

#	Article	IF	Citations
19	Scan statistics with local vote for target detection in distributed system. Eurasip Journal on Advances in Signal Processing, 2017, 2017, .	1.7	4
20	A decentralized K-barriers construction approach based on nearest neighbors rule for two-dimensional rectangular region. Wireless Networks, 2018, 24, 969-979.	3.0	4
21	Data fusion utilization for distributed target detection with tree topology. , 2017, , .		3
22	Distributed Decision Fusion over Nonideal Channels Using Scan Statistics. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2016, E99.A, 2019-2026.	0.3	3
23	Low Altitude and Small Target Tracking Based on IMM L-M Cubature Kalman Filter. , 2021, , .		3
24	Improved Cubature Kalman Filter for Target Tracking in Underwater Wireless Sensor Networks. , 2020, , .		2
25	A Data Forwarding Scheme Based on Delaunay Triangulation for Cyber-Physical Systems. Mathematical Problems in Engineering, 2013, 2013, 1-10.	1.1	1
26	An Optimal Node Depth Adjustment Method with Computation-Efficiency for Target Tracking in UWSNs. , 2018, , .		1
27	Label propagation method based on constraint about triangles for community detection in complex networks. , 2019, , .		1
28	Distributed Detection in Wireless Sensor Networks under Byzantine Attacks. International Journal of Distributed Sensor Networks, 2015, 11, 381642.	2.2	1
29	An initial guess method for the reconstruction algorithm with intensity-only data. , 2012, , .		0
30	A Data Forwarding Scheme Based on Delaunay Triangulation for CPSs. , 2012, , .		0
31	Label propagation method based on bi-objective optimization for ambiguous community detection in large networks. Scientific Reports, 2019, 9, 9999.	3.3	0
32	Optimal bit allocation scheme for distributed detection system with imperfect channels. IET Communications, 2020, 14, 1349-1359.	2.2	0