

Shihong Duan

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

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19
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19
docs citations

19
times ranked

224
citing authors

#	ARTICLE	IF	CITATIONS
1	WiDriver: Driver Activity Recognition System Based on WiFi CSI. International Journal of Wireless Information Networks, 2018, 25, 146-156.	2.7	55
2	Toward Near-Ground Localization: Modeling and Applications for TOA Ranging Error. IEEE Transactions on Antennas and Propagation, 2017, 65, 5658-5662.	5.1	31
3	Spatial-temporal constrained particle filter for cooperative target tracking. Journal of Network and Computer Applications, 2021, 176, 102913.	9.1	29
4	Optimal Estimation and Fundamental Limits for Target Localization Using IMU/TOA Fusion Method. IEEE Access, 2019, 7, 28124-28136.	4.2	19
5	Towards Human Motion Tracking: Multi-Sensory IMU/TOA Fusion Method and Fundamental Limits. Electronics (Switzerland), 2019, 8, 142.	3.1	18
6	Error-Ellipse-Resampling-Based Particle Filtering Algorithm for Target Tracking. IEEE Sensors Journal, 2020, 20, 5389-5397.	4.7	11
7	Ultra-Wideband Radio Channel Characteristics for Near-Ground Swarm Robots Communication. IEEE Transactions on Wireless Communications, 2020, 19, 4715-4726.	9.2	10
8	Robust and Efficient Classification for Underground Metal Target Using Dimensionality Reduction and Machine Learning. IEEE Access, 2021, 9, 7384-7401.	4.2	10
9	Recurrent Transformation of Prior Knowledge Based Model for Human Motion Recognition. Computational Intelligence and Neuroscience, 2018, 2018, 1-12.	1.7	7
10	Sensitivity Analysis and Classification Algorithms Comparison for Underground Target Detection. IEEE Access, 2019, 7, 116227-116246.	4.2	7
11	3D Localization Performance Evaluation using IMU/TOA Fusion Methods. International Journal of Wireless Information Networks, 2019, 26, 67-79.	2.7	5
12	Uncertainty-Constrained Belief Propagation for Cooperative Target Tracking. IEEE Internet of Things Journal, 2022, 9, 19414-19425.	8.7	5
13	A Comparative Study of Inversion Optimization Algorithms for Underground Metal Target Detection. IEEE Access, 2020, 8, 126401-126413.	4.2	4
14	Constrained Gaussian Condensation Filter for Cooperative Target Tracking. IEEE Internet of Things Journal, 2022, 9, 1861-1874.	8.7	4
15	Height dependent TOA ranging error model for near ground localization applications. , 2014, , .		3
16	CRLB for TOA Based Near-Ground Swarm Robotic Localization. , 2015, , .		1
17	Corrections to "Toward Near-Ground Localization: Modeling and Applications for TOA Ranging Error" [Oct 17 5658-5662]. IEEE Transactions on Antennas and Propagation, 2018, 66, 1052-1052.	5.1	1
18	The Influence of Target Orientation on the Underground Targets Classification. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	Ultra-wide bandwidth near ground channel analysis and modeling., 2016, , .		0