Peng Wang

List of Publications by Year
in descending order

15	118	1307594 7	1281871 11
papers	citations	h-index	g-index

15	15	15	124
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Testbed for Evaluation of the Effects of Multipath on Performance of TOA-Based Indoor Geolocation. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 2237-2247.	4.7	25
2	An ultrasonic positioning algorithm based on maximum correntropy criterion extended Kalman filter weighted centroid. Signal, Image and Video Processing, 2018, 12, 1207-1215.	2.7	19
3	Characteristic Modeling of TOA Ranging Error in Rotating Anchor-Based Relative Positioning. IEEE Sensors Journal, 2017, 17, 7945-7953.	4.7	15
4	The effect of multipath and NLOS on TOA ranging error and energy based on UWB. , 2016, , .		10
5	Adaptive time delay estimation algorithm for indoor nearâ€field electromagnetic ranging. International Journal of Communication Systems, 2017, 30, e3113.	2.5	10
6	Robust and Efficient Classification for Underground Metal Target Using Dimensionality Reduction and Machine Learning. IEEE Access, 2021, 9, 7384-7401.	4.2	10
7	Target Electromagnetic Detection Method in Underground Environment: A Review. IEEE Sensors Journal, 2022, 22, 13835-13852.	4.7	8
8	Sensitivity Analysis and Classification Algorithms Comparison for Underground Target Detection. IEEE Access, 2019, 7, 116227-116246.	4.2	7
9	Toward Emergency Indoor Localization: Maximum Correntropy Criterion Based Direction Estimation Algorithm for Mobile TOA Rotation Anchor. IEEE Access, 2018, 6, 35867-35878.	4.2	6
10	A Comparative Study of Inversion Optimization Algorithms for Underground Metal Target Detection. IEEE Access, 2020, 8, 126401-126413.	4.2	4
11	Adaptive time-delay estimation based on normalized maximum correntropy criterion for near-field electromagnetic ranging. Computers and Electrical Engineering, 2018, 67, 404-414.	4.8	3
12	FPGA implementation of adaptive time delay estimation for realâ€time nearâ€field electromagnetic ranging. International Journal of Circuit Theory and Applications, 2018, 46, 1940-1952.	2.0	1
13	Explicit Time Delay Estimation Algorithm Based on Maximum Correntropy Criterion and Approximate Prolate Series. , 2018, , .		0
14	Adaptive Noise Cancellation Based on Time Delay Estimation for Low Frequency Communication. Applied Sciences (Switzerland), 2018, 8, 734.	2.5	0
15	P2PNavi: A System-Level Algorithmic Solution for Highly Accurate Direction Estimation for Infrastructure-Free Indoor Navigation. IEEE Systems Journal, 2020, , 1-11.	4.6	0