Wenxin Xiong

List of Publications by Year
in descending order

13 papers	**171** citations	1307594 **7** h-index
13 all docs	**13** docs citations	**13** times ranked

1474206 **9** g-index
59 citing authors

#	Article	IF	Citations
1	Globally Optimized TDOA High-Frequency Source Localization Based on Quasi-Parabolic Ionosphere Modeling and Collaborative Gradient Projection. IEEE Transactions on Aerospace and Electronic Systems, 2023, 59, 580-590.	4.7	4
2	Multimodal Indoor Localization: Fusion Possibilities of Ultrasonic and Bluetooth Low-Energy Data. IEEE Sensors Journal, 2022, 22, 5857-5868.	4.7	25
3	TDOA-based localization with NLOS mitigation via robust model transformation and neurodynamic optimization. Signal Processing, 2021, 178, 107774.	3.7	32
4	An Echo Suppression Delay Estimator for Angle-of-Arrival Ultrasonic Indoor Localization. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	21
5	Robust TDOA Source Localization Based on Lagrange Programming Neural Network. IEEE Signal Processing Letters, 2021, 28, 1090-1094.	3.6	15
6	Asynchronous Chirp Slope Keying for Underwater Acoustic Communication. Sensors, 2021, 21, 3282.	3.8	9
7	Comparison of Direct Intersection and Sonogram Methods for Acoustic Indoor Localization of Persons. Sensors, 2021, 21, 4465.	3.8	4
8	Data-Selective Least Squares Methods for Elliptic Localization With NLOS Mitigation. , 2021, 5, 1-4.		9
9	Maximum Correntropy Criterion for Robust TOA-Based Localization in NLOS Environments. Circuits, Systems, and Signal Processing, 2021, 40, 6325-6339.	2.0	20
10	Two Efficient and Easy-to-Use NLOS Mitigation Solutions to Indoor 3-D AOA-Based Localization. , 2021, , .		4
11	Localization of Acoustic Gas Leakage Sources with a Circular Microphone Array. , 2021, , .		1
12	TOA-Based Localization With NLOS Mitigation via Robust Multidimensional Similarity Analysis. IEEE Signal Processing Letters, 2019, 26, 1334-1338.	3.6	24
13	Robust Elliptic Localization Using Worst-Case Formulation and Convex Approximation. , 2019, , .		3