

# Xiansheng Guo

## List of Publications by Year in descending order

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43  
papers

1,039  
citations

430874

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454955

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43  
all docs

43  
docs citations

43  
times ranked

852  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey on Fusion-Based Indoor Positioning. IEEE Communications Surveys and Tutorials, 2020, 22, 566-594.	39.4	149
2	Robust WiFi Localization by Fusing Derivative Fingerprints of RSS and Multiple Classifiers. IEEE Transactions on Industrial Informatics, 2020, 16, 3177-3186.	11.3	91
3	Indoor Localization by Fusing a Group of Fingerprints Based on Random Forests. IEEE Internet of Things Journal, 2018, 5, 4686-4698.	8.7	77
4	Indoor Localization Using Visible Light Via Fusion of Multiple Classifiers. IEEE Photonics Journal, 2017, 9, 1-16.	2.0	75
5	Accurate WiFi Localization by Fusing a Group of Fingerprints via a Global Fusion Profile. IEEE Transactions on Vehicular Technology, 2018, 67, 7314-7325.	6.3	69
6	Accurate Localization of Multiple Sources Using Semidefinite Programming Based on Incomplete Range Matrix. IEEE Sensors Journal, 2016, 16, 5319-5324.	4.7	63
7	A New Nested Array Configuration With Increased Degrees of Freedom. IEEE Access, 2018, 6, 1490-1497.	4.2	46
8	Localization by Fusing a Group of Fingerprints via Multiple Antennas in Indoor Environment. IEEE Transactions on Vehicular Technology, 2017, 66, 9904-9915.	6.3	45
9	Accurate WiFi Localization by Unsupervised Fusion of Extended Candidate Location Set. IEEE Internet of Things Journal, 2019, 6, 2476-2485.	8.7	38
10	A Hybrid Fingerprint Quality Evaluation Model for WiFi Localization. IEEE Internet of Things Journal, 2019, 6, 9829-9840.	8.7	34
11	Indoor Localization Using Visible Light via Two-Layer Fusion Network. IEEE Access, 2019, 7, 16421-16430.	4.2	34
12	A blind spot detection and warning system based on millimeter wave radar for driver assistance. Optik, 2017, 135, 353-365.	2.9	33
13	SmartLoc: Smart Wireless Indoor Localization Empowered by Machine Learning. IEEE Transactions on Industrial Electronics, 2020, 67, 6883-6893.	7.9	29
14	Knowledge Aided Adaptive Localization via Global Fusion Profile. IEEE Internet of Things Journal, 2018, 5, 1081-1089.	8.7	28
15	Expectation Maximization Indoor Localization Utilizing Supporting Set for Internet of Things. IEEE Internet of Things Journal, 2019, 6, 2573-2582.	8.7	28
16	A Hybrid Positioning System for Location-Based Services: Design and Implementation. IEEE Communications Magazine, 2020, 58, 90-96.	6.1	24
17	Low-complexity 2D coherently distributed sources decoupled DOAs estimation method. Science in China Series F: Information Sciences, 2009, 52, 835-842.	1.1	21
18	Source localization using a sparse representation framework to achieve superresolution. Multidimensional Systems and Signal Processing, 2010, 21, 391-402.	2.6	20

#	ARTICLE	IF	CITATIONS
19	Multi-view classification with semi-supervised learning for SAR target recognition. Signal Processing, 2021, 183, 108030.	3.7	19
20	TransLoc: A Heterogeneous Knowledge Transfer Framework for Fingerprint-Based Indoor Localization. IEEE Transactions on Wireless Communications, 2021, 20, 3628-3642.	9.2	15
21	Joint localization of multiple sources from incomplete noisy Euclidean distance matrix in wireless networks. Computer Communications, 2018, 122, 20-29.	5.1	13
22	Blind separation of electron paramagnetic resonance signals using diversity minimization. Journal of Magnetic Resonance, 2010, 204, 26-36.	2.1	10
23	DOA estimation of rectilinear signals with a partly calibrated uniform linear array. Signal Processing, 2018, 147, 203-207.	3.7	9
24	Deep knowledge integration of heterogeneous features for domain adaptive SAR target recognition. Pattern Recognition, 2022, 126, 108590.	8.1	9
25	Robust Adaptive LCMV Beamformer Based On An Iterative Suboptimal Solution. Radioengineering, 2015, 24, 572-582.	0.6	8
26	Transferred Knowledge Aided Positioning via Global and Local Structural Consistency Constraints. IEEE Access, 2019, 7, 32102-32117.	4.2	8
27	DOA estimation of mixed circular and non-circular signals using uniform circular array. , 2014, , .		7
28	Robust Source Positioning Method With Accurate and Simplified Worst-Case Approximation. IEEE Transactions on Vehicular Technology, 2022, 71, 1891-1900.	6.3	6
29	Deep Regression Model for Received Signal Strength based WiFi Localization. , 2018, , .		5
30	Long Short-Term Indoor Positioning System via Evolving Knowledge Transfer. IEEE Transactions on Wireless Communications, 2022, 21, 5556-5572.	9.2	5
31	Multiple Classifiers Global Dynamic Fusion Location System based on WiFi and Geomagnetism. , 2018, , .		4
32	A semi-supervised deep learning approach towards localization of crowdsourced data. , 2019, , .		4
33	Stability analysis and decentralized $H^\infty$ control for time-delay fuzzy interconnected systems via fuzzy Lyapunov-Krasovskii functional. Journal of Intelligent and Fuzzy Systems, 2014, 26, 1731-1744.	1.4	3
34	An Adaptive Localization Approach Based on Deep Adaptation Networks. , 2019, , .		3
35	Parameters estimation of coherently distributed sources in the presence of mutual coupling. , 2006, , .		2
36	An Adaptive and Robust Model for WiFi-based Localization. , 2020, , .		2

#	ARTICLE	IF	CITATIONS
37	Teaching notes of MVDR in digital signal processing (DSP). , 2012, , .		1
38	Accuracy analysis for passive localization from frequency measurements using single satellite. Advances in Mechanical Engineering, 2017, 9, 168781401774516.	1.6	1
39	Multi-View Fusion Based on Expectation Maximization for SAR Target Recognition. , 2020, , .		1
40	An improved direction-of-arrival estimation via phase information of sparse solution. , 2009, , .		0
41	Low-Complexity Iterative Adaptive Linearly Constrained Minimum Variance Beamformer. Circuits, Systems, and Signal Processing, 2014, 33, 987-997.	2.0	0
42	A Semi-supervised Naive Bayesian Method for Labeling Heterogeneous Fingerprints. , 2019, , .		0
43	Improved Smartphone-based PDR Localization for Arbitrary Placement. , 2019, , .		0