

Xiaohuan Wu

List of Publications by Year in descending order

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576
citing authors

#	ARTICLE	IF	CITATIONS
1	Direction of arrival estimation based on modified fast off-grid L1-SVD. Electronics Letters, 2022, 58, 32-34.	1.0	3
2	On efficient gridless methods for 2-D DOA estimation with uniform and sparse L-shaped arrays. Signal Processing, 2022, 191, 108351.	3.7	12
3	Efficient Gridless Angle Estimation for Bistatic MIMO Radar With Planar Arrays. IEEE Transactions on Vehicular Technology, 2022, 71, 5599-5603.	6.3	5
4	A Gridless DOA Estimation Method Based on Convolutional Neural Network With Toeplitz Prior. IEEE Signal Processing Letters, 2022, 29, 1247-1251.	3.6	19
5	A fast gridless mmWave full-dimensional MIMO channel estimation method. , 2022, 129, 103627.		2
6	An ELM-Based Semi-Supervised Indoor Localization Technique With Clustering Analysis and Feature Extraction. IEEE Sensors Journal, 2021, 21, 3635-3644.	4.7	8
7	Atomic Norm-Based DOA Estimation with Sum and Difference Co-arrays in Coexistence of Circular and Non-circular Signals. Circuits, Systems, and Signal Processing, 2021, 40, 5033-5053.	2.0	2
8	Extreme Learning Machine and AdaBoost-Based Localization Using CSI and RSSI. IEEE Communications Letters, 2021, 25, 1906-1910.	4.1	14
9	Channel Estimation for Switch-Based Millimeter-Wave Communications via Atomic Norm. International Journal of Antennas and Propagation, 2021, 2021, 1-9.	1.2	1
10	Extreme Learning Machine for Accurate Indoor Localization Using RSSI Fingerprints in Multifloor Environments. IEEE Internet of Things Journal, 2021, 8, 14623-14637.	8.7	15
11	An Efficient Gridless Vehicle Positioning Method via Angle Estimation. , 2021, , .		0
12	A gridless one-step method for mixed far-field and near-field sources localization. , 2020, 104, 102784.		8
13	A Second-Order Statistics-Based Mixed Sources Localization Method With Symmetric Sparse Arrays. IEEE Communications Letters, 2020, 24, 1695-1699.	4.1	7
14	3-D Mixed Far-Field and Near-Field Sources Localization With Cross Array. IEEE Transactions on Vehicular Technology, 2020, 69, 6833-6837.	6.3	24
15	Atomic Norm Based Localization of Far-Field and Near-Field Signals with Generalized Symmetric Arrays. , 2020, , .		3
16	Single Far-Field or Near-Field Source Localization With Sparse or Uniform Cross Array. IEEE Transactions on Vehicular Technology, 2020, 69, 9135-9139.	6.3	20
17	Gridless Mixed Sources Localization Based on Low-Rank Matrix Reconstruction. IEEE Wireless Communications Letters, 2020, 9, 1748-1752.	5.0	6
18	Localization of far-field and near-field signals with mixed sparse approach: A generalized symmetric arrays perspective. Signal Processing, 2020, 175, 107665.	3.7	31

#	ARTICLE	IF	CITATIONS
19	An ℓ_p -norm Based Method for Off-grid DOA Estimation. <i>Circuits, Systems, and Signal Processing</i> , 2019, 38, 904-917.	2.0	10
20	Robust Secrecy Energy Efficient Beamforming in Satellite Communication Systems. , 2019, , .		10
21	Relay Selection for Wireless Cooperative Networks using Adaptive Q-learning Approach. , 2019, , .		1
22	Channel estimation and tracking with nested sampling for fast-moving users in millimeter-wave communication. , 2019, 94, 29-37.		5
23	Collaborative Beamforming for Cognitive UAV Relaying System Coexisting with Satellite Networks. , 2019, , .		0
24	Joint Beamforming Design for Energy Efficient Wireless Communications in Heterogeneous Intelligent Connected Vehicles Networks. <i>IEEE Access</i> , 2019, 7, 170134-170143.	4.2	3
25	An SBL-Based Coherent Source Localization Method Using Virtual Array Output. <i>IEICE Transactions on Communications</i> , 2019, E102.B, 2151-2158.	0.7	0
26	A High-Resolution DOA Estimation Method With a Family of Nonconvex Penalties. <i>IEEE Transactions on Vehicular Technology</i> , 2018, 67, 4925-4938.	6.3	64
27	Two sparse-based methods for off-grid direction-of-arrival estimation. <i>Signal Processing</i> , 2018, 142, 87-95.	3.7	75
28	Joint Maximum Likelihood Timing, Frequency Offset, and Doubly Selective Channel Estimation for OFDM Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2018, 67, 2787-2791.	6.3	39
29	A Spatial Filtering Based Gridless DOA Estimation Method for Coherent Sources. <i>IEEE Access</i> , 2018, 6, 56402-56410.	4.2	8
30	Gridless Two-Dimensional Doa Estimation With L-Shaped Array Based on the Cross-Covariance Matrix. , 2018, , .		9
31	Joint Doppler and Channel Estimation with Nested Arrays for Millimeter Wave Communications. , 2018, , .		5
32	Joint Carrier Frequency Offset and Doubly Selective Channel Estimation for MIMO-OFDMA Uplink With Kalman and Particle Filtering. <i>IEEE Transactions on Signal Processing</i> , 2018, 66, 4001-4012.	5.3	28
33	A Toeplitz Covariance Matrix Reconstruction Approach for Direction-of-Arrival Estimation. <i>IEEE Transactions on Vehicular Technology</i> , 2017, 66, 8223-8237.	6.3	137
34	ESPRIT-like two-dimensional direction finding for mixed circular and strictly noncircular sources based on joint diagonalization. <i>Signal Processing</i> , 2017, 141, 48-56.	3.7	69
35	A Fast Gridless Covariance Matrix Reconstruction Method for One- and Two-Dimensional Direction-of-Arrival Estimation. <i>IEEE Sensors Journal</i> , 2017, 17, 4916-4927.	4.7	40
36	Improved Coarse Timing Estimation in OFDM Systems Using High-Order Statistics. <i>IEEE Transactions on Communications</i> , 2016, 64, 5239-5253.	7.8	16

#	ARTICLE	IF	CITATIONS
37	Direction of Arrival Estimation for Off-Grid Signals Based on Sparse Bayesian Learning. IEEE Sensors Journal, 2016, 16, 2004-2016.	4.7	113