

Chengwei Zhou

List of Publications by Year in descending order

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31
papers

1,733
citations

1040056

9
h-index

1058476

14
g-index

31
all docs

31
docs citations

31
times ranked

786
citing authors

#	ARTICLE	IF	CITATIONS
1	Direction-of-Arrival Estimation for Coprime Array via Virtual Array Interpolation. IEEE Transactions on Signal Processing, 2018, 66, 5956-5971.	5.3	414
2	A Robust and Efficient Algorithm for Coprime Array Adaptive Beamforming. IEEE Transactions on Vehicular Technology, 2018, 67, 1099-1112.	6.3	317
3	Source Estimation Using Coprime Array: A Sparse Reconstruction Perspective. IEEE Sensors Journal, 2017, 17, 755-765.	4.7	245
4	Off-Grid Direction-of-Arrival Estimation Using Coprime Array Interpolation. IEEE Signal Processing Letters, 2018, 25, 1710-1714.	3.6	198
5	Compressive sensing-based coprime array direction-of-arrival estimation. IET Communications, 2017, 11, 1719-1724.	2.2	171
6	Direction-of-Arrival Estimation with Coarray ESPRIT for Coprime Array. Sensors, 2017, 17, 1779.	3.8	71
7	Coupled Coarray Tensor CPD for DOA Estimation With Coprime L-Shaped Array. IEEE Signal Processing Letters, 2021, 28, 1545-1549.	3.6	66
8	DECOM: DOA estimation with combined MUSIC for coprime array. , 2013, , .		31
9	Coprime array adaptive beamforming with enhanced degrees-of-freedom capability. , 2017, , .		27
10	Toeplitz Matrix Reconstruction of Interpolated Coprime Virtual Array for DOA Estimation. , 2017, , .		26
11	An IDFT approach for coprime array direction-of-arrival estimation. , 2019, 94, 45-55.		23
12	Two-dimensional DOA Estimation for Coprime Planar Array: A Coarray Tensor-based Solution. , 2020, , .		20
13	Coarray Interpolation-Based Coprime Array Doa Estimation Via Covariance Matrix Reconstruction. , 2018, , .		19
14	Structured Tensor Reconstruction for Coherent DOA Estimation. IEEE Signal Processing Letters, 2022, 29, 1634-1638.	3.6	15
15	Direction-of-Arrival Estimation for Coprime Arrays via Coarray Correlation Reconstruction: A One-Bit Perspective. , 2020, , .		14
16	Ziv-Zakai Bound for Compressive Time Delay Estimation. IEEE Transactions on Signal Processing, 2022, 70, 4006-4019.	5.3	11
17	Time-variant focusing range-angle dependent beam pattern synthesis by uniform circular frequency diverse array radar. IET Radar, Sonar and Navigation, 2021, 15, 62-74.	1.8	10
18	FFT-Based DOA Estimation for Coprime MIMO Radar: A Hardware-Friendly Approach. , 2018, , .		9

#	ARTICLE	IF	CITATIONS
19	Vandermonde decomposition of coprime coarray covariance matrix for DOA estimation. , 2017, , .		8
20	Time-variant focused range-angle dependent beampattern synthesis by frequency diverse array radar. IET Signal Processing, 2020, 14, 352-360.	1.5	7
21	2-D DOA Estimation for Coprime Cubic Array: A Cross-correlation Tensor Perspective. , 2021, , .		6
22	Doa Estimation Via Coarray Tensor Completion with Missing Slices. , 2022, , .		6
23	Improving the Controllability of Complex Networks by Temporal Segmentation. IEEE Transactions on Network Science and Engineering, 2020, 7, 2765-2774.	6.4	4
24	SADOE: Sequential-based angle-Doppler off-grid estimation with coprime sampling structures for space-time adaptive processing. IET Radar, Sonar and Navigation, 2021, 15, 775-787.	1.8	3
25	Deterministic Ziv-Zakai Bound for Compressive Time Delay Estimation. , 2022, , .		3
26	Efficient DOA Estimation for Coprime Array via Inverse Discrete Fourier Transform. , 2018, , .		2
27	Off-Grid Angle-Doppler Estimation for Space-Time Adaptive Processing: A Sequential Approach. , 2019, , .		2
28	Drone Detection with Visual Transformer. Lecture Notes in Electrical Engineering, 2022, , 2689-2699.	0.4	2
29	Joint Coprime Weights Optimization for Sub-Nyquist Tensor Beamforming. , 2022, , .		2
30	Sample Fourth-order Cumulant Tensor Denoising for DOA Estimation with Coprime L-shaped Array. , 2021, , .		1
31	Design for Low Latency and High Reliability: OPC-UA Based Production Line for Product Traceability and Customized Service. , 2021, , .		0