

Qing Shen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6364980/publications.pdf>

Version: 2024-02-01

39
papers

1,009
citations

759233

12
h-index

752698

20
g-index

39
all docs

39
docs citations

39
times ranked

553
citing authors

#	ARTICLE	IF	CITATIONS
1	Extension of Co-Prime Arrays Based on the Fourth-Order Difference Co-Array Concept. IEEE Signal Processing Letters, 2016, 23, 615-619.	3.6	142
2	Underdetermined DOA Estimation Under the Compressive Sensing Framework: A Review. IEEE Access, 2016, 4, 8865-8878.	4.2	139
3	Low-Complexity Direction-of-Arrival Estimation Based on Wideband Co-Prime Arrays. IEEE/ACM Transactions on Audio Speech and Language Processing, 2015, 23, 1445-1456.	5.8	127
4	Thinned Coprime Array for Second-Order Difference Co-Array Generation With Reduced Mutual Coupling. IEEE Transactions on Signal Processing, 2019, 67, 2052-2065.	5.3	121
5	Underdetermined wideband DOA estimation of off-grid sources employing the difference co-array concept. Signal Processing, 2017, 130, 299-304.	3.7	113
6	Simplified and Enhanced Multiple Level Nested Arrays Exploiting High-Order Difference Co-Arrays. IEEE Transactions on Signal Processing, 2019, 67, 3502-3515.	5.3	52
7	Focused Compressive Sensing for Underdetermined Wideband DOA Estimation Exploiting High-Order Difference Coarrays. IEEE Signal Processing Letters, 2017, 24, 86-90.	3.6	35
8	An Expanding and Shift Scheme for Constructing Fourth-Order Difference Coarrays. IEEE Signal Processing Letters, 2017, 24, 480-484.	3.6	33
9	Low Complexity DOA Estimation for Wideband Off-Grid Sources Based on Re-Focused Compressive Sensing With Dynamic Dictionary. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 918-930.	10.8	29
10	Extension of nested arrays with the fourth-order difference co-array enhancement. , 2016, , .		26
11	A Review of Closed-Form Cram�r-Rao Bounds for DOA Estimation in the Presence of Gaussian Noise Under a Unified Framework. IEEE Access, 2020, 8, 175101-175124.	4.2	24
12	Thinned coprime arrays for DOA estimation. , 2017, , .		19
13	Group Sparsity Based Localization for Far-Field and Near-Field Sources Based on Distributed Sensor Array Networks. IEEE Transactions on Signal Processing, 2020, 68, 6493-6508.	5.3	19
14	High-speed maneuvering target detection approach based on joint RFT and keystone transform. Science China Information Sciences, 2013, 56, 1-13.	4.3	16
15	Group sparsity based wideband DOA estimation for co-prime arrays. , 2014, , .		16
16	Low-complexity compressive sensing based DOA estimation for co-prime arrays. , 2014, , .		14
17	Cram�r-Rao Bound Analysis of Underdetermined Wideband DOA Estimation Under the Subband Model via Frequency Decomposition. IEEE Transactions on Signal Processing, 2021, 69, 4132-4148.	5.3	9
18	Wideband DOA estimation for uniform linear arrays based on the co-array concept. , 2015, , .		8

#	ARTICLE	IF	CITATIONS
19	Extended Cantor Arrays with Hole-Free Fourth-Order Difference Co-Arrays. , 2021, , .		8
20	Adaptive Beamforming for Target Detection and Surveillance Based on Distributed Unmanned Aerial Vehicle Platforms. IEEE Access, 2018, 6, 60812-60823.	4.2	7
21	Parameter Estimation Method for Radar Maneuvering Target With Arbitrary Migrations. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 2195-2213.	4.7	7
22	Efficient parameter estimation method for maneuvering targets in discrete randomly-modulated radar. , 2017, 67, 91-106.		6
23	DOA Estimation With Nonuniform Moving Sampling Scheme Based on a Moving Platform. IEEE Signal Processing Letters, 2021, 28, 1714-1718.	3.6	6
24	Flexible and Accurate Frequency Estimation for Complex Sinusoid Signal by Interpolation Using DFT Samples. Chinese Journal of Electronics, 2018, 27, 109-114.	1.5	5
25	Cram�r-Rao Bound for Wideband DOA Estimation with Uncorrelated Sources. , 2019, , .		5
26	Underdetermined Low-Complexity Wideband DOA Estimation with Uniform Linear Arrays. , 2020, , .		5
27	Cram�r-Rao Bound for DOA Estimation Exploiting Multiple Frequency Pairs. IEEE Signal Processing Letters, 2021, 28, 1210-1214.	3.6	5
28	Group Sparsity Based Target Localization for Distributed Sensor Array Networks. , 2019, , .		4
29	Sparse Reconstruction Method for DOA Estimation Based on Dynamic Dictionary and Negative Exponent Penalty. Chinese Journal of Electronics, 2018, 27, 386-392.	1.5	3
30	A Novel Carrier Leakage Cancellation Algorithm for Multiple Target Detection. Chinese Journal of Electronics, 2019, 28, 100-106.	1.5	2
31	Carrier leakage cancellation in pulse Doppler radar applied for single target detection. , 2013, , .		1
32	An Improved Multiple Threshold Decision Method Based on Long-Term Integration. , 2021, , .		1
33	On the Cram�r-Rao Bound and the Number of Resolvable Sources in the Presence of Nonuniform Noise for Underdetermined DOA Estimation. , 2020, , .		1
34	Underdetermined Two-Dimensional Localization for Wideband Sources Based on Distributed Sensor Array Networks. , 2022, , .		1
35	Direction-of-arrival and polarization estimation based on sparse sensing. , 2014, , .		0
36	Displaced Thinned Coprime Arrays with an Additional Sensor for DOA Estimation. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
37	Joint Adaptive Beamforming Based on Distributed Moving Platforms. , 2018, , .		0
38	Dual-Channel Monopulse Angle Estimation Method for Weak Target Based on Reference Signal. , 2019, , .		0
39	Two-Dimensional DOA Estimation Based on Two-Parallel Arrays Exploiting Nonuniform Array Motions. , 2022, , .		0