

Mohammad Mahdi Nayebi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11524199/publications.pdf>

Version: 2024-02-01

30
papers

416
citations

840776

11
h-index

752698

20
g-index

30
all docs

30
docs citations

30
times ranked

351
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical Performance Analysis of MDL Source Enumeration in Array Processing. IEEE Transactions on Signal Processing, 2010, 58, 452-457.	5.3	63
2	Antenna placement and power allocation optimization in MIMO detection. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 1468-1478.	4.7	59
3	Closed-Form Solution for Elliptic Localization in Distributed MIMO Radar Systems With Minimum Number of Sensors. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 3123-3133.	4.7	44
4	Transmit Signal Design in Colocated MIMO Radar Without Covariance Matrix Optimization. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 2178-2186.	4.7	35
5	Sparse Antenna and Pulse Placement for Colocated MIMO Radar. IEEE Transactions on Signal Processing, 2019, 67, 579-593.	5.3	31
6	Data Fusion in MIMO DVB-T-Based Passive Coherent Location. IEEE Transactions on Aerospace and Electronic Systems, 2013, 49, 1725-1737.	4.7	30
7	Colocated MIMO Radar SINR Maximization Under ISL and PSL Constraints. IEEE Signal Processing Letters, 2018, 25, 422-426.	3.6	29
8	Efficient Closed-Form Solution for Moving Target Localization in MIMO Radars With Minimum Number of Antennas. IEEE Transactions on Signal Processing, 2020, 68, 2545-2557.	5.3	25
9	Design of multiple-input multiple-output transmit waveform and receive filter for extended target detection. IET Radar, Sonar and Navigation, 2015, 9, 1345-1353.	1.8	17
10	MIMO radar signal design to improve the MIMO ambiguity function via maximizing its peak. Signal Processing, 2016, 118, 139-152.	3.7	11
11	A Coordinate Descent Framework for Beampattern Design and Waveform Synthesis in MIMO Radars. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 3552-3562.	4.7	11
12	Dynamic Programming Applied to Large Circular Arrays Thinning. IEEE Transactions on Antennas and Propagation, 2018, 66, 4025-4033.	5.1	9
13	Using a moving aerial platform to detect and localise a low probability of intercept radar. IET Radar, Sonar and Navigation, 2017, 11, 1062-1069.	1.8	8
14	Compressive sensing MTI processing in distributed MIMO radars. IET Signal Processing, 2018, 12, 327-334.	1.5	8
15	Probability of missed detection as a criterion for receiver placement in MIMO PCL. , 2012, , .		5
16	SINR improvement based on joint design of transmit covariance matrix and receive filter design for colocated MIMO radar. IET Communications, 2021, 15, 603-612.	2.2	5
17	Improving MIMO radar's performance through receivers' positioning. IET Signal Processing, 2017, 11, 622-630.	1.5	4
18	Spatial multiplexing gain in MIMO radars with widely separated antennas. IET Signal Processing, 2018, 12, 207-213.	1.5	4

#	ARTICLE	IF	CITATIONS
19	Interference cancellation in co-located MIMO radars using waveform optimisation in signal dependent clutter. IET Communications, 2019, 13, 1670-1676.	2.2	4
20	The detector's output SNR as a criterion for receiver placement in MIMO DVB-T based passive coherent location. , 2012, , .		3
21	Diversity-multiplexing tradeoff in MIMO radars. IET Radar, Sonar and Navigation, 2017, 11, 691-700.	1.8	3
22	Approach to detector design for statistical multiple-input-multiple-output radars using multi-scan data. IET Radar, Sonar and Navigation, 2017, 11, 664-674.	1.8	2
23	Asymptotically Optimal Rank Test Detection in Long Tailed Clutter. , 2006, , .		1
24	Parameter identifiability improvement in multi-frequency array radar. , 2011, , .		1
25	Ground-based moving target imaging in a circular strip-map synthetic aperture radar. , 2015, , .		1
26	Catching the high altitude invisible by satellite-based forward scatter PCL. Signal, Image and Video Processing, 2017, 11, 565-572.	2.7	1
27	A Coordinate Descent Framework to Joint Design of MPSK Sequences and Receive Filter Weights in MIMO Radar Systems. , 2019, , .		1
28	Receive Space-Time Filter and Transmit Sequence Design in MIMO Radar Systems. Wireless Personal Communications, 2022, 122, 501-522.	2.7	1
29	Robust airborne target recognition based on recurrence plot quantification of micro-Doppler radar signatures. , 2016, , .		0
30	Ambiguity function based receiver placement in multi-site radar. , 2016, , .		0