

# Mohammad Mahdi Nayebi

## List of Publications by Year in descending order

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30  
papers

416  
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840776

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Receive Space-Time Filter and Transmit Sequence Design in MIMO Radar Systems. <i>Wireless Personal Communications</i> , 2022, 122, 501-522.	2.7	1
2	A Coordinate Descent Framework for Beampattern Design and Waveform Synthesis in MIMO Radars. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021, 57, 3552-3562.	4.7	11
3	SINR improvement based on joint design of transmit covariance matrix and receive filter design for colocated MIMO radar. <i>IET Communications</i> , 2021, 15, 603-612.	2.2	5
4	Closed-Form Solution for Elliptic Localization in Distributed MIMO Radar Systems With Minimum Number of Sensors. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2020, 56, 3123-3133.	4.7	44
5	Efficient Closed-Form Solution for Moving Target Localization in MIMO Radars With Minimum Number of Antennas. <i>IEEE Transactions on Signal Processing</i> , 2020, 68, 2545-2557.	5.3	25
6	Interference cancellation in co-located MIMO radars using waveform optimisation in signal dependent clutter. <i>IET Communications</i> , 2019, 13, 1670-1676.	2.2	4
7	A Coordinate Descent Framework to Joint Design of MPSK Sequences and Receive Filter Weights in MIMO Radar Systems. , 2019, , .		1
8	Sparse Antenna and Pulse Placement for Colocated MIMO Radar. <i>IEEE Transactions on Signal Processing</i> , 2019, 67, 579-593.	5.3	31
9	Spatial multiplexing gain in MIMO radars with widely separated antennas. <i>IET Signal Processing</i> , 2018, 12, 207-213.	1.5	4
10	Colocated MIMO Radar SINR Maximization Under ISL and PSL Constraints. <i>IEEE Signal Processing Letters</i> , 2018, 25, 422-426.	3.6	29
11	Compressive sensing MTI processing in distributed MIMO radars. <i>IET Signal Processing</i> , 2018, 12, 327-334.	1.5	8
12	Dynamic Programming Applied to Large Circular Arrays Thinning. <i>IEEE Transactions on Antennas and Propagation</i> , 2018, 66, 4025-4033.	5.1	9
13	Diversity-multiplexing tradeoff in MIMO radars. <i>IET Radar, Sonar and Navigation</i> , 2017, 11, 691-700.	1.8	3
14	Improving MIMO radar's performance through receivers' positioning. <i>IET Signal Processing</i> , 2017, 11, 622-630.	1.5	4
15	Transmit Signal Design in Colocated MIMO Radar Without Covariance Matrix Optimization. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2017, 53, 2178-2186.	4.7	35
16	Approach to detector design for statistical multiple-input-multiple-output radars using multi-scan data. <i>IET Radar, Sonar and Navigation</i> , 2017, 11, 664-674.	1.8	2
17	Using a moving aerial platform to detect and localise a low probability of intercept radar. <i>IET Radar, Sonar and Navigation</i> , 2017, 11, 1062-1069.	1.8	8
18	Catching the high altitude invisible by satellite-based forward scatter PCL. <i>Signal, Image and Video Processing</i> , 2017, 11, 565-572.	2.7	1

#	ARTICLE	IF	CITATIONS
19	Robust airborne target recognition based on recurrence plot quantification of micro-Doppler radar signatures. , 2016, , .		0
20	Ambiguity function based receiver placement in multi-site radar. , 2016, , .		0
21	MIMO radar signal design to improve the MIMO ambiguity function via maximizing its peak. Signal Processing, 2016, 118, 139-152.	3.7	11
22	Ground-based moving target imaging in a circular strip-map synthetic aperture radar. , 2015, , .		1
23	Design of multipleâ€œinput multipleâ€œoutput transmit waveform and receive filter for extended target detection. IET Radar, Sonar and Navigation, 2015, 9, 1345-1353.	1.8	17
24	Antenna placement and power allocation optimization in MIMO detection. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 1468-1478.	4.7	59
25	Data Fusion in MIMO DVB-T-Based Passive Coherent Location. IEEE Transactions on Aerospace and Electronic Systems, 2013, 49, 1725-1737.	4.7	30
26	The detector's output SNR as a criterion for receiver placement in MIMO DVB-T based passive coherent location. , 2012, , .		3
27	Probability of missed detection as a criterion for receiver placement in MIMO PCL. , 2012, , .		5
28	Parameter identifiability improvement in multi-frequency array radar. , 2011, , .		1
29	Statistical Performance Analysis of MDL Source Enumeration in Array Processing. IEEE Transactions on Signal Processing, 2010, 58, 452-457.	5.3	63
30	Asymptotically Optimal Rank Test Detection in Long Tailed Clutter. , 2006, , .		1