

Dominik Schwarz

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

113
citations

1684188

5
h-index

1720034

7
g-index

12
all docs

12
docs citations

12
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Resolution 160-GHz Imaging MIMO Radar Using MMICs With On-Chip Frequency Synthesizers. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 3897-3907.	4.6	41
2	Range-Angle Coupling and Near-Field Effects of Very Large Arrays in mm-Wave Imaging Radars. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 262-270.	4.6	17
3	On the Calibration of mm-Wave MIMO Radars Using Sparse Antenna Arrays for DoA Estimation. , 2019, , .		16
4	Calibration-Based Phase Coherence of Incoherent and Quasi-Coherent 160-GHz MIMO Radars. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 2768-2778.	4.6	16
5	System Performance of a Scalable 79 GHz Imaging MIMO Radar With Injection-Locked LO Feedthrough. IEEE Journal of Microwaves, 2021, 1, 941-949.	6.5	7
6	Highly Efficient Angular Array Calibration Based on the Modal Wave Expansion Technique. IEEE Open Journal of Antennas and Propagation, 2021, 2, 938-948.	3.7	5
7	A System Analysis of Noise Influences on the Imaging Performance of Millimeter Wave MIMO Radars. , 2020, , .		3
8	Coherent Measurements of a Multistatic MIMO Radar Network With Phase Noise Optimized Non-Coherent Signal Synthesis. IEEE Journal of Microwaves, 2022, 2, 239-252.	6.5	3
9	Efficient Calibration of Very Large mm-Wave Radars by Virtual Phase Center Analysis. , 2022, , .		2
10	A Broadband Multilayer Vertical Transition at 79 GHz Employing FR4 as Core Material. , 2022, , .		2
11	A Switchable Biomimetic Antenna Array. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2422-2426.	4.0	1
12	Radar Imaging Using Electrically Large Arrays With High Range Resolution at 160 GHz. , 2021, , .		0