

# Mateusz Rzymowski

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

219  
citations

1307594

7  
h-index

1474206

9  
g-index

18  
all docs

18  
docs citations

18  
times ranked

138  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direction of Arrival Estimation Based on Received Signal Strength Using Two-Row Electronically Steerable Parasitic Array Radiator Antenna. <i>Sensors</i> , 2022, 22, 2034.	3.8	2
2	Multibeam Antenna for Ka-Band CubeSat Connectivity Using 3-D Printed Lens and Antenna Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022, 21, 2244-2248.	4.0	8
3	Simple 60 GHz Switched Beam Antenna for 5G Millimeter-Wave Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021, 20, 38-42.	4.0	20
4	Relay-Aided Wireless Sensor Network Discovery Algorithm for Dense Industrial IoT Utilizing ESPAR Antennas. <i>IEEE Internet of Things Journal</i> , 2021, 8, 16653-16665.	8.7	8
5	High-Gain Compact Circularly Polarized X-Band Superstrate Antenna for CubeSat Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021, 20, 2090-2094.	4.0	27
6	Two-Row ESPAR Antenna With Simple Elevation and Azimuth Beam Switching. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021, 20, 1745-1749.	4.0	5
7	ESPAR Antenna-Based WSN Node With DoA Estimation Capability. <i>IEEE Access</i> , 2020, 8, 91435-91447.	4.2	18
8	Low-Profile ESPAR Antenna for RSS-Based DoA Estimation in IoT Applications. <i>IEEE Access</i> , 2019, 7, 17403-17411.	4.2	42
9	Validation of a virtual test environment for C2X communication under radio jamming conditions. , 2019, , .		1
10	Improved RSS-Based DoA Estimation Accuracy in Low-Profile ESPAR Antenna Using SVM Approach. , 2019, , .		1
11	Improved jamming resistance using electronically steerable parasitic antenna radiator. , 2017, , .		6
12	Compact antenna for digital beamforming with software defined radios. , 2017, , .		1
13	UHF ESPAR antenna for simple Angle of Arrival estimation in UHF RFID applications. , 2016, , .		5
14	Single-Anchor Indoor Localization Using ESPAR Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016, 15, 1183-1186.	4.0	56
15	Enhanced switched parasitic antenna with switched active monopoles for indoor positioning systems. , 2014, , .		2
16	Dual polarization antennas for UHF RFID readers. , 2014, , .		3
17	Design, realization and measurements of enhanced performance 2.4 GHz ESPAR antenna for localization in wireless sensor networks. , 2013, , .		5
18	Enhancing performance of switched parasitic antenna for localization in Wireless Sensor Networks. , 2012, , .		9