

Tiago Varum

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4677662/publications.pdf>

Version: 2024-02-01

43
papers

263
citations

1306789

7
h-index

1058022

14
g-index

43
all docs

43
docs citations

43
times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	3D-Printed Wide Beamwidth Lens Antennas for Beamforming Coverage Improvement. , 2022, , .		0
2	The Use of 3D Printing Technology for Manufacturing Metal Antennas in the 5G/IoT Context. Sensors, 2021, 21, 3321.	2.1	16
3	Compact Ultra-Wideband Series-Feed Microstrip Antenna Arrays for IoT Communications. Applied Sciences (Switzerland), 2021, 11, 6267.	1.3	8
4	Antenna Design Using Modern Additive Manufacturing Technology: A Review. IEEE Access, 2020, 8, 177064-177083.	2.6	50
5	Inexpensive 3D-Printed Radiating Horns for Customary Things in IoT Scenarios. , 2020, , .		4
6	Compact N-Band Tree-Shaped Multiplexer-Based Antenna Structures for 5G/IoT Mobile Devices. Sensors, 2020, 20, 6366.	2.1	3
7	Software-Defined Radio Beamforming System for 5G/Radar Applications. Applied Sciences (Switzerland), 2020, 10, 7187.	1.3	12
8	Reconfigurable Filtenna for 5G/LEO Constellations Mobile Terminals. , 2020, , .		4
9	Design and Characterization of an IQ Reflection-Type Vector Modulator for Ka-Band Using PIN Diodes. IEEE Access, 2020, 8, 212855-212864.	2.6	0
10	Compact Dual-Band Printed Monopole for 5G/IoT. , 2020, , .		0
11	Double-Dielectric Microstrip Ultrahigh-Frequency Antenna for Digital Terrestrial Television. Applied Sciences (Switzerland), 2020, 10, 8640.	1.3	3
12	Reconfigurable Diplexer-Based Filtenna for Tx/Rx Operation in Mobile Satellite Terminals. Sensors, 2020, 20, 2333.	2.1	2
13	The Application of Reconfigurable Filtennas in Mobile Satellite Terminals. IEEE Access, 2020, 8, 77179-77187.	2.6	10
14	Wideband Series-Fed Microstrip Antenna Array for 5G/IoT Systems. , 2020, , .		1
15	Use of FrFT in an indoor scenario for chipless RFID tags ID recovery. IET Microwaves, Antennas and Propagation, 2020, 14, 1316-1322.	0.7	2
16	Integrated Multilayer Yagi Antenna for 5G. , 2019, , .		1
17	Compact Slot Antenna Array for 5G Communications. , 2019, , .		12
18	Printed Vector Modulator for 5G Communications Systems. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Design of a 28/38 GHz Compact Dual-Band Printed Monopole for 5G/IoT Sensors. , 2019, , .		1
20	A Ka-band Frontend for mmWave MIMO and Beamforming Applications. , 2019, , .		1
21	Concept of a Tri-band Frequency Reconfigurable Microstrip Patch Antenna. , 2019, , .		0
22	Application of Digital Beamforming to Software Defined Radio 5G/Radar Systems. , 2019, , .		1
23	Evaluation of Different Materials to Design 3D Printed Horn Antennas for Ku-Band. , 2019, , .		0
24	Substrate Integrated Waveguide Antenna Array for Modern Beamforming Radars. , 2018, , .		1
25	Planar microstrip series-fed array for 5G applications with beamforming capabilities. , 2018, , .		27
26	Compact Multilayer Yagi-Uda Based Antenna for IoT/5G Sensors. Sensors, 2018, 18, 2914.	2.1	22
27	The concept of a fully electronic beamforming antenna array for modern radar systems. Microwave and Optical Technology Letters, 2018, 60, 1696-1702.	0.9	0
28	Detect and Pointing Algorithms Performance for a 2D Adaptive Antenna Array. , 2017, , .		0
29	Non-Uniform Microstrip Antenna Array for DSRC in Single-Lane Structures. Sensors, 2016, 16, 2101.	2.1	5
30	Cognitive bio-radar: The natural evolution of bio-signals measurement. Journal of Medical Systems, 2016, 40, 219.	2.2	4
31	Non-uniform microstrip antenna array for tolling using a single access lane. , 2016, , .		0
32	Nonuniform Broadband Circularly Polarized Antenna Array for Vehicular Communications. IEEE Transactions on Vehicular Technology, 2016, 65, 7219-7227.	3.9	34
33	Circularly polarized microstrip antenna array for the Ka-band. , 2015, , .		2
34	Printed nonuniform antenna array for Wi-Fi sectorized communications. Microwave and Optical Technology Letters, 2015, 57, 2037-2041.	0.9	0
35	Wi-Fi intruder detection. , 2014, , .		2
36	Non-uniform microstrip antenna array for Rx DSRC communications. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
37	Direction of Arrival Estimation Analysis Using a 2D Antenna Array. Procedia Technology, 2014, 17, 617-624.	1.1	0
38	The impact of different power dividers used in a non-uniform planar antenna array. , 2014, , .		0
39	Omnidirectional circularly polarized antenna for DSRC systems. , 2012, , .		1
40	Printed antenna for DSRC systems with omnidirectional circular polarization. , 2012, , .		9
41	Printed antenna for on-board unit of a DSRC system. , 2011, , .		9
42	Microstrip antenna for vehicular communications with improved axial ratio band. , 2011, , .		2
43	Microstrip antenna array for multiband dedicated short range communication systems. Microwave and Optical Technology Letters, 2011, 53, 2794-2796.	0.9	11