

Tiago Varum

List of Publications by Year in descending order

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43
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236
citing authors

#	ARTICLE	IF	CITATIONS
1	Antenna Design Using Modern Additive Manufacturing Technology: A Review. IEEE Access, 2020, 8, 177064-177083.	2.6	50
2	Nonuniform Broadband Circularly Polarized Antenna Array for Vehicular Communications. IEEE Transactions on Vehicular Technology, 2016, 65, 7219-7227.	3.9	34
3	Planar microstrip series-fed array for 5G applications with beamforming capabilities. , 2018, , .		27
4	Compact Multilayer Yagi-Uda Based Antenna for IoT/5G Sensors. Sensors, 2018, 18, 2914.	2.1	22
5	The Use of 3D Printing Technology for Manufacturing Metal Antennas in the 5G/IoT Context. Sensors, 2021, 21, 3321.	2.1	16
6	Compact Slot Antenna Array for 5G Communications. , 2019, , .		12
7	Software-Defined Radio Beamforming System for 5G/Radar Applications. Applied Sciences (Switzerland), 2020, 10, 7187.	1.3	12
8	Microstrip antenna array for multiband dedicated short range communication systems. Microwave and Optical Technology Letters, 2011, 53, 2794-2796.	0.9	11
9	The Application of Reconfigurable Filtennas in Mobile Satellite Terminals. IEEE Access, 2020, 8, 77179-77187.	2.6	10
10	Printed antenna for on-board unit of a DSRC system. , 2011, , .		9
11	Printed antenna for DSRC systems with omnidirectional circular polarization. , 2012, , .		9
12	Compact Ultra-Wideband Series-Feed Microstrip Antenna Arrays for IoT Communications. Applied Sciences (Switzerland), 2021, 11, 6267.	1.3	8
13	Non-Uniform Microstrip Antenna Array for DSRC in Single-Lane Structures. Sensors, 2016, 16, 2101.	2.1	5
14	Cognitive bio-radar: The natural evolution of bio-signals measurement. Journal of Medical Systems, 2016, 40, 219.	2.2	4
15	Inexpensive 3D-Printed Radiating Horns for Customary Things in IoT Scenarios. , 2020, , .		4
16	Reconfigurable Filtenna for 5G/LEO Constellations Mobile Terminals. , 2020, , .		4
17	Non-uniform microstrip antenna array for Rx DSRC communications. , 2014, , .		3
18	Compact N-Band Tree-Shaped Multiplexer-Based Antenna Structures for 5G/IoT Mobile Devices. Sensors, 2020, 20, 6366.	2.1	3

#	ARTICLE	IF	CITATIONS
19	Double-Dielectric Microstrip Ultrahigh-Frequency Antenna for Digital Terrestrial Television. Applied Sciences (Switzerland), 2020, 10, 8640.	1.3	3
20	Microstrip antenna for vehicular communications with improved axial ratio band. , 2011, , .		2
21	Wi-Fi intruder detection. , 2014, , .		2
22	Circularly polarized microstrip antenna array for the Ka-band. , 2015, , .		2
23	Reconfigurable Diplexer-Based Filtenna for Tx/Rx Operation in Mobile Satellite Terminals. Sensors, 2020, 20, 2333.	2.1	2
24	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
25	Onnidirectional circularly polarized antenna for DSRC systems. , 2012, , .		1
26	Substrate Integrated Waveguide Antenna Array for Modern Beamforming Radars. , 2018, , .		1
27	Integrated Multilayer Yagi Antenna for 5G. , 2019, , .		1
28	Design of a 28/38 GHz Compact Dual-Band Printed Monopole for 5G/IoT Sensors. , 2019, , .		1
29	A Ka-band Frontend for mmWave MIMO and Beamforming Applications. , 2019, , .		1
30	Application of Digital Beamforming to Software Defined Radio 5G/Radar Systems. , 2019, , .		1
31	Wideband Series-Fed Microstrip Antenna Array for 5G/IoT Systems. , 2020, , .		1
32	Direction of Arrival Estimaation Analysis Using a 2D Antenna Array. Procedia Technology, 2014, 17, 617-624.	1.1	0
33	The impact of different power dividers used in a non-uniform planar antenna array. , 2014, , .		0
34	Printed nonuniform antenna array for WI-FI sectorized communications. Microwave and Optical Technology Letters, 2015, 57, 2037-2041.	0.9	0
35	Non-uniform microstrip antenna array for tolling using a single access lane. , 2016, , .		0
36	Detect and Pointing Algorithms Performance for a 2D Adaptive Antenna Array. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Compact Dual-Band Printed Monopole for 5G/IoT. , 2020, , .		0
40	Printed Vector Modulator for 5G Communications Systems. , 2019, , .		0
41	Concept of a Tri-band Frequency Reconfigurable Microstrip Patch Antenna. , 2019, , .		0
42	Evaluation of Different Materials to Design 3D Printed Horn Antennas for Ku-Band. , 2019, , .		0
43	3D-Printed Wide Beamwidth Lens Antennas for Beamforming Coverage Improvement. , 2022, , .		0