

Yepu Cui

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

156
citations

1478505

6
h-index

1474206

9
g-index

21
all docs

21
docs citations

21
times ranked

186
citing authors

#	ARTICLE	IF	CITATIONS
1	CSRR Based Sensors for Relative Permittivity Measurement With Improved and Uniform Sensitivity Throughout [0.9–10.9] GHz Band. IEEE Sensors Journal, 2020, 20, 4667-4678.	4.7	38
2	Inkjet-/3D-/4D-Printed Perpetual Electronics and Modules: RF and mm-Wave Devices for 5G+, IoT, Smart Agriculture, and Smart Cities Applications. IEEE Microwave Magazine, 2020, 21, 87-103.	0.8	24
3	Novel 3D-Printed Reconfigurable Origami Frequency Selective Surfaces With Flexible Inkjet-Printed Conductor Traces. , 2019, , .		20
4	Hybrid (3D and inkjet) printed electromagnetic pressure sensor using metamaterial absorber. Additive Manufacturing, 2020, 35, 101405.	3.0	18
5	A Wideband, Quasi-Isotropic, Kilometer-Range FM Energy Harvester for Perpetual IoT. IEEE Microwave and Wireless Components Letters, 2020, 30, 201-204.	3.2	12
6	3D Printed One-shot Deployable Flexible "Kirigami" Dielectric Reflectarray Antenna for mm-Wave Applications. , 2020, , .		10
7	Tile-based massively scalable MIMO and phased arrays for 5G/B5G-enabled smart skins and reconfigurable intelligent surfaces. Scientific Reports, 2022, 12, 2741.	3.3	7
8	Additively manufactured electromagnetic based planar pressure sensor using substrate integrated waveguide technology. Additive Manufacturing, 2020, 34, 101225.	3.0	6
9	A novel 4-DOF wide-range tunable frequency selective surface using an origami "eggbox" structure. International Journal of Microwave and Wireless Technologies, 2021, 13, 727-733.	1.9	6
10	A Novel Additively 4D Printed Origami-inspired Tunable Multi-layer Frequency Selective Surface for mm-Wave IoT, RFID, WSN, 5G, and Smart City Applications. , 2021, , .		4
11	Additively Manufactured "Smart" RF/mm-Wave Packaging Structures: A Quantum Leap for On-Demand Customizable Integrated 5G and Internet of Things Modules. IEEE Microwave Magazine, 2022, 23, 94-106.	0.8	4
12	A Millimeter Wave Tri-Polarized Patch Antenna with a Bandwidth-Enhancing Parasitic Element. , 2021, , .		2
13	A Novel 3D and Inkjet Printed Pressure-sensing Button-shaped Resonator. , 2019, , .		1
14	A Novel Fully Inkjet Printed Dual-Polarization Broadband Tuneable FSS Using Origami "Eggbox" Structure. , 2021, , .		1
15	Additively Manufactured RF Devices for 5G, IoT, RFID, WSN, and Smart City Applications. International Journal of High Speed Electronics and Systems, 2020, 29, 2040016.	0.7	1
16	Ultrasensitive Planar Metamaterials for Material Characterization Using Tapered CSRR with Application to NDT of 3D Printed Structures. , 2019, , .		0
17	A Winning Backscatter Modulator: A Quarter-Gram, Ultrahigh-Frequency RFID for On-Metal Operation. IEEE Microwave Magazine, 2020, 21, 96-100.	0.8	0
18	Additively Manufactured RF Devices for 5G, IoT, RFID, WSN, and Smart City Applications. Selected Topics in Electronics and Systems, 2021, , 163-174.	0.2	0

#	ARTICLE	IF	CITATIONS
19	A 3D-Printed mm-Wave Deployable Origami Dielectric Reflectarray Antenna. , 2020, , .		0
20	Origami-inspired 4D tunable RF and wireless structures and modules. , 2022, , 347-385.		0