

Wenjing Su

List of Publications by Year in descending order

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23
papers

537
citations

840776

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all docs

23
docs citations

23
times ranked

620
citing authors

#	ARTICLE	IF	CITATIONS
1	RFID Based Non-Contact Human Activity Detection Exploiting Cross Polarization. IEEE Access, 2020, 8, 46585-46595.	4.2	15
2	Wearable Antennas for Cross-Body Communication and Human Activity Recognition. IEEE Access, 2020, 8, 58575-58584.	4.2	24
3	Additively Manufactured mm-Wave Multichip Modules With Fully Printed "Smart" Encapsulation Structures. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 2716-2724.	4.6	30
4	3-D-Printing-Based Selective-Ink-Deposition Technique Enabling Complex Antenna and RF Structures for 5G Applications up to 6 GHz. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 1434-1447.	2.5	14
5	Read/Interrogation Enhancement of Chipless RFIDs Using Machine Learning Techniques. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2272-2276.	4.0	13
6	A Novel 3D and Inkjet Printed Pressure-sensing Button-shaped Resonator. , 2019, , .		1
7	Expand Horizons of Microfluidic Systems: An Inkjet Printed Flexible Energy Autonomous Micropump System for Wearable and IoT Microfluidic Applications. , 2018, , .		4
8	Radar & additive manufacturing technologies: The future of Internet of Things (IoT). , 2018, , .		6
9	Additively Manufactured RF Components and Modules: Toward Empowering the Birth of Cost-Efficient Dense and Ubiquitous IoT Implementations. Proceedings of the IEEE, 2017, 105, 702-722.	21.3	51
10	E-band characterization of 3D-printed dielectrics for fully-printed millimeter-wave wireless system packaging. , 2017, , .		32
11	3D printed wearable flexible SIW and microfluidics sensors for Internet of Things and smart health applications. , 2017, , .		9
12	Novel uniquely 3D printed intricate Voronoi and fractal 3D antennas. , 2017, , .		15
13	Self-Actuating 3D Printed Packaging for Deployable Antennas. , 2017, , .		6
14	Novel 3D-printed "Chinese fan" bow-tie antennas for origami/shape-changing configurations. , 2017, , .		11
15	Novel 3D printed liquid-metal-alloy microfluidics-based zigzag and helical antennas for origami reconfigurable antenna "trees", 2017, , .		35
16	Inkjet-printed substrate integrated waveguides (SIW) with "drill-less" vias on paper substrates. , 2016, , .		9
17	A bio-enabled maximally mild layer-by-layer Kapton surface modification approach for the fabrication of all-inkjet-printed flexible electronic devices. Scientific Reports, 2016, 6, 39909.	3.3	28
18	Additively Manufactured Microfluidics-Based "Peel-and-Replace" RF Sensors for Wearable Applications. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 1928-1936.	4.6	33

#	ARTICLE	IF	CITATIONS
19	3D printed reconfigurable helical antenna based on microfluidics and liquid metal alloy. , 2016, , .		12
20	Fully inkjet-printed microfluidics: a solution to low-cost rapid three-dimensional microfluidics fabrication with numerous electrical and sensing applications. Scientific Reports, 2016, 6, 35111.	3.3	119
21	A Novel Fluid-Reconfigurable Advanced and Delayed Phase Line Using Inkjet-Printed Microfluidic Composite Right/Left-Handed Transmission Line. IEEE Microwave and Wireless Components Letters, 2015, 25, 142-144.	3.2	20
22	Development of Low Cost, Wireless, Inkjet Printed Microfluidic RF Systems and Devices for Sensing or Tunable Electronics. IEEE Sensors Journal, 2015, 15, 3156-3163.	4.7	32
23	A novel inkjet-printed microfluidic tunable coplanar patch antenna. , 2014, , .		18