

Benjamin S Cook

List of Publications by Year in descending order

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19
papers

964
citations

687363

13
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

1010
citing authors

#	ARTICLE	IF	CITATIONS
1	Inkjet Printing of Novel Wideband and High Gain Antennas on Low-Cost Paper Substrate. IEEE Transactions on Antennas and Propagation, 2012, 60, 4148-4156.	5.1	170
2	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
3	Multi-Layer RF Capacitors on Flexible Substrates Utilizing Inkjet Printed Dielectric Polymers. IEEE Microwave and Wireless Components Letters, 2013, 23, 353-355.	3.2	108
4	An Inkjet-Printed Microfluidic RFID-Enabled Platform for Wireless Lab-on-Chip Applications. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 4714-4723.	4.6	82
5	RFID-Based Sensors for Zero-Power Autonomous Wireless Sensor Networks. IEEE Sensors Journal, 2014, 14, 2419-2431.	4.7	80
6	Inkjet Printing of Multilayer Millimeter-Wave Yagi-Uda Antennas on Flexible Substrates. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 143-146.	4.0	80
7	Multilayer Inkjet Printing of Millimeter-Wave Proximity-Fed Patch Arrays on Flexible Substrates. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1351-1354.	4.0	75
8	Inkjet catalyst printing and electroless copper deposition for low-cost patterned microwave passive devices on paper. Electronic Materials Letters, 2013, 9, 669-676.	2.2	51
9	Inkjet-printed 3D interconnects for millimeter-wave system-on-package solutions. , 2016, , .		48
10	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
11	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
12	Development, characterization, and processing of thin and thick inkjet-printed dielectric films. Organic Electronics, 2016, 29, 135-141.	2.6	29
13	Inkjet Printed High-Q RF Inductors on Paper Substrate With Ferromagnetic Nanomaterial. IEEE Microwave and Wireless Components Letters, 2016, 26, 419-421.	3.2	22
14	State-of-the-Art Inkjet-Printed Metal-Insulator-Metal (MIM) Capacitors on Silicon Substrate. IEEE Microwave and Wireless Components Letters, 2015, 25, 13-15.	3.2	20
15	Reconfigurable helical antenna based on an origami structure for wireless communication system. , 2014, , .		10
16	A miniaturized wearable high gain and wideband inkjet-printed AMC antenna. , 2013, , .		4
17	Advanced Antenna Fabrication Processes (MEMS/LTCC/LCP/Printing). , 2015, , 1-24.		1
18	The first hardware-based, anti-collision methodology for frequency doubling transceivers for RFID and wireless sensing applications. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	Advanced Antenna Fabrication Processes (MEMS/LTCC/LCP/Printing). , 2016, , 3429-3458.		0