

Shi Cheng

List of Publications by Year in descending order

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22
papers

1,335
citations

759233

12
h-index

888059

17
g-index

23
all docs

23
docs citations

23
times ranked

1639
citing authors

#	ARTICLE	IF	CITATIONS
1	Inkjet Printed Disposable High-Rate On-Paper Microsupercapacitors. <i>Advanced Functional Materials</i> , 2022, 32, 2108773.	14.9	36
2	Microfluidics for Soft Electronics. , 2016, , .		0
3	Broadband CMOS Millimeter-Wave Frequency Multiplier With Vivaldi Antenna in 3-D Chip-Scale Packaging. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2012, 60, 3761-3768.	4.6	12
4	Elastomeric Electronics: A Microfluidic Approach. , 2012, , .		0
5	Microfluidic electronics. <i>Lab on A Chip</i> , 2012, 12, 2782.	6.0	254
6	65-nm CMOS Monolithically Integrated Subterahertz Transmitter. <i>IEEE Electron Device Letters</i> , 2011, 32, 1182-1184.	3.9	7
7	A Microfluidic, Reversibly Stretchable, Large-Area Wireless Strain Sensor. <i>Advanced Functional Materials</i> , 2011, 21, 2282-2290.	14.9	188
8	Wireless Strain Monitoring: A Microfluidic, Reversibly Stretchable, Large-Area Wireless Strain Sensor (Adv. Funct. Mater. 12/2011). <i>Advanced Functional Materials</i> , 2011, 21, 2166-2166.	14.9	1
9	Microfluidic stretchable RF electronics. <i>Lab on A Chip</i> , 2010, 10, 3227.	6.0	166
10	Liquid metal stretchable unbalanced loop antenna. <i>Applied Physics Letters</i> , 2009, 94, .	3.3	220
11	Switched Beam Antenna Based on RF MEMS SPDT Switch on Quartz Substrate. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009, 8, 383-386.	4.0	37
12	Foldable and Stretchable Liquid Metal Planar Inverted Cone Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2009, 57, 3765-3771.	5.1	140
13	Substrate Integrated Waveguides (SIWs) in a Flexible Printed Circuit Board for Millimeter-Wave Applications. <i>Journal of Microelectromechanical Systems</i> , 2009, 18, 154-162.	2.5	7
14	79 GHz Slot Antennas Based on Substrate Integrated Waveguides (SIW) in a Flexible Printed Circuit Board. <i>IEEE Transactions on Antennas and Propagation</i> , 2009, 57, 64-71.	5.1	95
15	Printed Slot Planar Inverted Cone Antenna for Ultrawideband Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2008, 7, 18-21.	4.0	101
16	Electrically Steerable Single-Layer Microstrip Traveling Wave Antenna With Varactor Diode Based Phase Shifters. <i>IEEE Transactions on Antennas and Propagation</i> , 2007, 55, 2451-2460.	5.1	36
17	Reverberation chamber for accurate antenna measurements within 2013;30 GHz. , 2007, , .		3
18	Inverted-F Antenna for 3D Integrated Wireless Sensor Applications. , 2007, , .		1

#	ARTICLE	IF	CITATIONS
19	Modified Planar Inverted Cone Antenna for Mobile Communication Handsets. IEEE Antennas and Wireless Propagation Letters, 2007, 6, 472-475.	4.0	2
20	Body Surface Backed Flexible Antennas for 17 GHz Wireless Body Area Networks Sensor Applications. , 2007, , .		2
21	Reduction of the Coupling to External Sources and Modes of Propagation by a Nearly Confocal Resonator. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 2257-2261.	4.6	2
22	Compact reflective microstrip phase shifter for traveling wave antenna applications. IEEE Microwave and Wireless Components Letters, 2006, 16, 431-433.	3.2	25