

Jayanti Venkataraman

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

149
citations

1937685

4
h-index

1872680

6
g-index

19
all docs

19
docs citations

19
times ranked

128
citing authors

#	ARTICLE	IF	CITATIONS
1	Antenna Arrays as Millimeter-Wave Wireless Interconnects in Multichip Systems. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1973-1977.	4.0	7
2	Intra- and Inter-Chip Transmission of Millimeter-Wave Interconnects in NoC-Based Multi-Chip Systems. IEEE Access, 2019, 7, 112200-112215.	4.2	16
3	Disc-Loaded, Vertical Top-Hat Monopole Antenna at 225 GHz for On-Chip Wireless Communications. , 2019, , .		0
4	The Advances, Challenges and Future Possibilities of Millimeter-Wave Chip-to-Chip Interconnections for Multi-Chip Systems. Journal of Low Power Electronics and Applications, 2018, 8, 5.	2.0	25
5	A Wireless Interconnection Framework for Seamless Inter and Intra-Chip Communication in Multichip Systems. IEEE Transactions on Computers, 2017, 66, 389-402.	3.4	54
6	Non-crosstalk light propagation in anisotropic metamaterials composed of multilayered metal-insulator stack. , 2016, , .		0
7	Propagation and scattering in a microwave plasma chamber. , 2015, , .		0
8	Wireless interconnects for 3D Network-on-Chip with embedded micro thermofluidic cooling channels. , 2015, , .		0
9	Beam shaping and gain enhancement using a diffractive optical element (DOE) lens. , 2014, , .		1
10	Investigation of waveguide effects in intra-vehicular environments. , 2014, , .		0
11	Gain enhancement using DOE lens. , 2013, , .		1
12	Non-invasive estimation of blood glucose a feasibility study. , 2013, , .		6
13	Feasibility of blood glucose estimation from real time monitoring. , 2013, , .		2
14	Investigation of image formation properties of 3-D dielectric DNG and wire mesh ENZ metamaterials at microwave frequencies. , 2012, , .		1
15	Phantom models for in-vitro measurements of blood glucose. , 2011, , .		1
16	Feasibility study for non-invasive blood glucose monitoring. , 2010, , .		30
17	Bio-compatible implantable micro-LC sensor for tissue characterization. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	2
18	Implantable micro-transceiver wireless link for intra-ocular pressure measurement. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
19	Application of Magnetic Ferrite Electrodeposition and Copper Chemical Mechanical Planarization for On-Chip Analog Circuitry. Materials Research Society Symposia Proceedings, 2005, 869, 231.	0.1	3