

Tushar Thrivikraman

List of Publications by Year in descending order

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8
papers

145
citations

1684188

5
h-index

1872680

6
g-index

8
all docs

8
docs citations

8
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	A Silicon-Germanium Receiver for X-Band Transmit/Receive Radar Modules. IEEE Journal of Solid-State Circuits, 2008, 43, 1889-1896.	5.4	59
2	On the Performance Limits of Cryogenically Operated SiGe HBTs and Its Relation to Scaling for Terahertz Speeds. IEEE Transactions on Electron Devices, 2009, 56, 1007-1019.	3.0	45
3	A Monolithic 5-Bit SiGe BiCMOS Receiver for X-Band Phased-Array Radar Systems. Bipolar/BiCMOS Circuits and Technology Meeting, IEEE Proceedings of the, 2007, , .	0.0	11
4	A New Analytical Method for Robust Extraction of the Small-Signal Equivalent Circuit for SiGe HBTs Operating at Cryogenic Temperatures. IEEE Transactions on Microwave Theory and Techniques, 2008, 56, 568-574.	4.6	11
5	Re-Examining TID Hardness Assurance Test Protocols for SiGe HBTs. IEEE Transactions on Nuclear Science, 2009, 56, 3318-3325.	2.0	9
6	Failure mechanisms in CMOS-based RF switches subjected to RF stress. , 2009, , .		8
7	A new and simple measurement approach for characterizing intermodulation distortion without using a spectrum analyzer. , 2010, , .		1
8	Integrated, digitally controlled, 64-element SiGe on multilayer organic X-band phased-array receiver antenna for snow measurements. IEEE Aerospace and Electronic Systems Magazine, 2013, 28, 26-39.	1.3	1