

Benjamin Laemmle

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

296
citations

1684188

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2053705

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all docs

15
docs citations

15
times ranked

272
citing authors

#	ARTICLE	IF	CITATIONS
1	A 77-GHz SiGe Integrated Six-Port Receiver Front-End for Angle-of-Arrival Detection. IEEE Journal of Solid-State Circuits, 2012, 47, 1966-1973.	5.4	83
2	A 125-GHz Permittivity Sensor With Read-Out Circuit in a 250-nm SiGe BiCMOS Technology. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 2185-2194.	4.6	64
3	A 70-90-GHz High-Linearity Multi-Band Quadrature Receiver in $0.35\text{-}\mu\text{m}$ SiGe Technology. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 4600-4612.	4.6	34
4	A 122 GHz Multiprobe Reflectometer for Dielectric Sensor Readout in SiGe BiCMOS Technology. , 2011, , .		17
5	A fully integrated 120-GHz six-port receiver front-end in a 130-nm SiGe BiCMOS technology. , 2013, , .		17
6	Six-Port Technology for Traffic Safety. IEEE Microwave Magazine, 2012, 13, 118-127.	0.8	15
7	A 62 GHz reflectometer for biomedical sensor readout in SiGe BiCMOS technology. , 2012, , .		13
8	A wide-range 77 GHz Direction of Arrival detector with integrated dual six-port receiver. , 2012, , .		11
9	An integrated 125GHz Sensor with read-out circuit for permittivity measurement of liquids. , 2012, , .		9
10	A 77 GHz direction of arrival detector system with SiGe integrated six-port receiver. , 2012, , .		9
11	A 29-1 up to 25Gb/s M-Sequence Generator IC for UWB Radar Applications in a Low-Cost SiGe BiCMOS Technology. , 2009, , .		8
12	An integrated 77-GHz six-port receiver front-end for angle-of-arrival detection. , 2011, , .		7
13	A Clock Synchronization for M-Sequence-Based Ultra-Wideband Systems. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 3549-3561.	4.6	7
14	The enhanced six-port architecture: A measurement based proof of concept. , 2012, , .		2
15	Design of an integrated 60 GHz cross-coupled oscillator in SiGe technology. , 2011, , .		0