

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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docs citations

15
times ranked

272
citing authors

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