

Stephane Pinel

List of Publications by Year in descending order

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27
papers

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27
all docs

27
docs citations

27
times ranked

449
citing authors

#	ARTICLE	IF	CITATIONS
1	A 90nm CMOS 60GHz Radio. , 2008, , .		107
2	A 60-GHz 38-pJ/bit 3.5-Gb/s 90-nm CMOS OOK Digital Radio. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 348-355.	4.6	101
3	Fully Integrated Passive Front-End Solutions for a V-band LTCC Wireless System. IEEE Antennas and Wireless Propagation Letters, 2007, 6, 285-288.	4.0	76
4	Design and Development of Advanced Cavity-Based Dual-Mode Filters Using Low-Temperature Co-Fired Ceramic Technology for V-Band Gigabit Wireless Systems. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 1869-1879.	4.6	41
5	Low-Loss Integrated-Waveguide Passive Circuits Using Liquid-Crystal Polymer System-on-Package (SOP) Technology for Millimeter-Wave Applications. IEEE Transactions on Microwave Theory and Techniques, 2006, 54, 4572-4579.	4.6	35
6	60-GHz Integrated Transmitter Development in 90-nm CMOS. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 2354-2367.	4.6	27
7	60 GHz single-chip 90nm CMOS radio with integrated signal processor. , 2008, , .		26
8	60 GHz Linearly And Circularly Polarized Antenna Arrays On Liquid Crystal Polymer Substrate.. , 2006, , .		19
9	A High-Efficiency, High-Power Millimeter-Wave Oscillator Using a Feedback Class-E Power Amplifier in 45 nm CMOS. IEEE Microwave and Wireless Components Letters, 2011, 21, 430-432.	3.2	19
10	60GHz CMOS power amplifier with 20-dB-gain and 12dBm Psat. , 2009, , .		15
11	Integrated CMOS mm-wave phase shifters for single chip portable radar. , 2009, , .		13
12	V-band Integrated Filter and Antenna for LTCC Front-End modules. , 2006, , .		11
13	Si-based 60GHz 2X Subharmonic Mixer for Multi-Gigabit Wireless Personal Area Network Application. , 2006, , .		10
14	Programmable Frequency-Divider for Millimeter-Wave PLL Frequency Synthesizers. , 2008, , .		8
15	Millimeter-wave Low-Loss Integrated Waveguide on Liquid Crystal Polymer Substrate. , 2006, , .		6
16	Slot array antennas fed by integrated wave guide on liquid crystal polymer for V-band wireless LAN application. , 2006, , .		5
17	PA and LNA for millimeter-wave WPAN using 90 nm CMOS process. Microwave and Optical Technology Letters, 2009, 51, 2029-2032.	1.4	5
18	Pulse shaping and clock data recovery for multi-gigabit standard compliant 60 GHz digital radio. , 2010, , .		5

#	ARTICLE	IF	CITATIONS
19	A 33pJ/bit 90nm CMOS UWB single-chip transceiver with embedded multi-gigabit modem. , 2009, , .		4
20	A SiGe sub-harmonic mixer for millimeter-wave applications. , 2007, , .		3
21	Temperature-dependent millimeter-wave scalable large-signal model for 90nm CMOS. , 2008, , .		3
22	An Integrated IQ Demodulator with Integrated Low-Power Multi-Gigabit BPSK / ASK Analog Signal Processor in 90nm CMOS. , 2008, , .		3
23	60 GHz Silicon-Based Tunable Amplifier. , 2008, , .		2
24	Integrated VCO With Up/Down Converter for Si-Based 60 GHz WPAN Applications. IEEE Microwave and Wireless Components Letters, 2008, 18, 139-141.	3.2	2
25	A 17pJ/bit broadband mixed-signal demodulator in 90nm CMOS. , 2010, , .		1
26	Correction to "A High-Efficiency, High-Power Millimeter-Wave Oscillator Using a Feedback Class-E Power Amplifier in 45 nm CMOS" [Aug 11 430-432]. IEEE Microwave and Wireless Components Letters, 2011, 21, 574-574.	3.2	1
27	Advanced 3D LTCC passive components using cavity structures for 60 GHz gigabit wireless systems. , 2006, , .		0