

# Padmanava Sen

## List of Publications by Year in descending order

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18  
papers

550  
citations

1937685

4  
h-index

2053705

5  
g-index

18  
all docs

18  
docs citations

18  
times ranked

555  
citing authors

#	ARTICLE	IF	CITATIONS
1	A 16TX/16RX 60 GHz 802.11ad Chipset With Single Coaxial Interface and Polarization Diversity. IEEE Journal of Solid-State Circuits, 2014, 49, 3031-3045.	5.4	139
2	A 90nm CMOS 60GHz Radio. , 2008, , .		107
3	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
4	A 60-GHz 144-Element Phased-Array Transceiver for Backhaul Application. IEEE Journal of Solid-State Circuits, 2018, 53, 3640-3659.	5.4	81
5	60-GHz Integrated Transmitter Development in 90-nm CMOS. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 2354-2367.	4.6	27
6	60 GHz single-chip 90nm CMOS radio with integrated signal processor. , 2008, , .		26
7	60GHz CMOS power amplifier with 20-dB-gain and 12dBm Psat. , 2009, , .		15
8	Integrated CMOS mm-wave phase shifters for single chip portable radar. , 2009, , .		13
9	Si-based 60GHz 2X Subharmonic Mixer for Multi-Gigabit Wireless Personal Area Network Application. , 2006, , .		10
10	Programmable Frequency-Divider for Millimeter-Wave PLL Frequency Synthesizers. , 2008, , .		8
11	Pulse shaping and clock data recovery for multi-gigabit standard compliant 60 GHz digital radio. , 2010, , .		5
12	A 33pJ/bit 90nm CMOS UWB single-chip transceiver with embedded multi-gigabit modem. , 2009, , .		4
13	A SiGe sub-harmonic mixer for millimeter-wave applications. , 2007, , .		3
14	Temperature-dependent millimeter-wave scalable large-signal model for 90nm CMOS. , 2008, , .		3
15	An Integrated IQ Demodulator with Integrated Low-Power Multi-Gigabit BPSK / ASK Analog Signal Processor in 90nm CMOS. , 2008, , .		3
16	60 GHz Silicon-Based Tunable Amplifier. , 2008, , .		2
17	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
18	A 17pJ/bit broadband mixed-signal demodulator in 90nm CMOS. , 2010, , .		1