

Guangyin Feng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Pole-Converging Intrastage Bandwidth Extension Technique for Wideband Amplifiers. IEEE Journal of Solid-State Circuits, 2017, 52, 769-780.	3.5	75
2	An 88.5-110 GHz CMOS Low-Noise Amplifier for Millimeter-Wave Imaging Applications. IEEE Microwave and Wireless Components Letters, 2016, 26, 134-136.	2.0	65
3	An Energy-Efficient and Low-Crosstalk Sub-THz I/O by Surface Plasmonic Polariton Interconnect in CMOS. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 2762-2774.	2.9	43
4	A Compact 57-67 GHz Bidirectional LNPA in 65-nm CMOS Technology. IEEE Microwave and Wireless Components Letters, 2016, 26, 628-630.	2.0	25
5	A CMOS W-Band $\times 4$ Quasi-Subharmonic Mixer. IEEE Microwave and Wireless Components Letters, 2015, 25, 385-387.	2.0	22
6	A 93.4-104.8-GHz 57-mW Fractional-N Cascaded PLL With True In-Phase Injection-Coupled QVCO in 65-nm CMOS Technology. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 2370-2381.	2.9	20
7	A 24/77 GHz Dual-Band Receiver for Automotive Radar Applications. IEEE Access, 2019, 7, 48053-48059.	2.6	18
8	Tunable Surface-Plasmon-Polariton Filter Constructed By Corrugated Metallic Line and High Permittivity Material. IEEE Access, 2018, 6, 10358-10364.	2.6	14
9	A Carrier Aggregation Transmitter Front End for 5-GHz WLAN 802.11ax Application in 40-nm CMOS. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 264-276.	2.9	14
10	A 50-59 GHz CMOS Injection Locking Power Amplifier. IEEE Microwave and Wireless Components Letters, 2015, 25, 52-54.	2.0	11
11	A 100-GHz 0.21-K NETD 0.9-mW/pixel Charge-Accumulation Super-Regenerative Receiver in 65-nm CMOS. IEEE Microwave and Wireless Components Letters, 2016, 26, 531-533.	2.0	11
12	A 65nm CMOS carrier-aggregation transceiver for IEEE 802.11 WLAN applications. , 2016, , .		11
13	A 93.4-to-104.8 GHz 57 mW fractional-N cascaded sub-sampling PLL with true in-phase injection-coupled QVCO in 65 nm CMOS. , 2016, , .		9
14	A 65-nm CMOS LNA for Bolometer Application. Journal of Infrared, Millimeter, and Terahertz Waves, 2016, 37, 356-372.	1.2	9
15	A W-Band Switch-Less Dicke Receiver for Millimeter-Wave Imaging in 65 nm CMOS. IEEE Access, 2018, 6, 39233-39240.	2.6	9
16	A D-Band Amplifier in 65 nm Bulk CMOS for Short-Distance Data Center Communication. IEEE Access, 2018, 6, 53191-53200.	2.6	8
17	An Injection-Locked Wireless Power Transfer Transmitter With Automatic Maximum Efficiency Tracking. IEEE Transactions on Industrial Electronics, 2021, 68, 5733-5743.	5.2	8
18	A D-band SPST switch using parallel-stripline swap with defected ground structure. IEICE Electronics Express, 2017, 14, 20171104-20171104.	0.3	6

#	ARTICLE	IF	CITATIONS
19	A D-band CMOS power amplifier for short-range data center communication. IEICE Electronics Express, 2020, 17, 20200159-20200159.	0.3	5
20	A Parallel Sliding-IF Receiver Front-End With Sub-2-dB Noise Figure for 5â€“6-GHz WLAN Carrier Aggregation. IEEE Journal of Solid-State Circuits, 2021, 56, 392-403.	3.5	4
21	An Eight-Phase In-Phase Injection-Coupled VCO in 65-nm CMOS Technology. IEEE Microwave and Wireless Components Letters, 2017, 27, 299-301.	2.0	3
22	Bandwidth Extension Techniques for CMOS Low-Noise Amplifiers. , 2021, , .		3
23	An Energy-efficient Adaptive Sub-THz Wireless Interconnect with MIMO-Beamforming between Cores and DRAMs. , 2016, , .		2
24	An Energy Efficient CMOS Sub-THz Interconnect with Surface Plasmonic Converter and Oscillator. , 2016, , .		2
25	A label-free and non-invasive CMOS sub-THz plasmonic sensor for circulating tumor cell detection. , 2017, , .		2
26	An efficient 4-way-combined 291 GHz signal source with 1.75 mW peak output power in 65 nm CMOS. , 2017, , .		2
27	Injection-Locked Power Oscillator for Resonance Frequency Tracking in Wireless Power Transfer. , 2018, , .		2
28	Design of a fully integrated CMOS dual K- and W-band lumped wilkinson power divider. , 2013, , .		1
29	A broadband CMOS amplifier in D band using pole-tuning technique with T-type network. , 2018, , .		1
30	A 35 GHz composite right/left hand T-line based continuous tunable phase shifter in 65 nm CMOS. , 2017, , .		0
31	A sub-terahertz multi-pixel imaging system with surface wave resonator for isolation. , 2017, , .		0
32	A CMOS sub-terahertz full-duplex phased-array transceiver for short-distance data center communication. , 2017, , .		0