Sheng-lyang Jang

List of Publications by Year
in descending order

277	1,961	304743 22	414414 32
papers	citations	h-index	g-index

277	277	277	370
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Current-Reused Divide-by-16 Injection-Locked Frequency Divider. IEEE Microwave and Wireless Components Letters, 2022, 32, 426-429.	3.2	1
2	Single-Stage Injection-Locked Frequency Sixtupler in CMOS Process. IEEE Access, 2022, 10, 40316-40323.	4.2	3
3	Divideâ€byâ€2 <scp>injectionâ€locked</scp> frequency divider exploiting an 8â€shaped inductor. Microwave and Optical Technology Letters, 2021, 63, 1024-1028.	1.4	5
4	Current Reused 8:1 Injection Locked Frequency Divider Using Unbalanced Ring Oscillator Frequency Divider. IEEE Access, 2021, 9, 124921-124930.	4.2	3
5	Dual-Band 2:1 LC-tank Injection-Locked Frequency Divider Using Distributed Transformer. , 2021, , .		0
6	Low phase noise bufferâ€reused BiCMOS oscillator. Microwave and Optical Technology Letters, 2021, 63, 1881-1885.	1.4	0
7	Cross-coupled Divide-by-4 Differential Injection-Locked Frequency Divider with LC tank. , 2021, , .		0
8	Dual Band Divide-by-2 Injection-Locked Frequency Divider Using Multi-inductance. , 2021, , .		0
9	High-modulus Current-reused Injection-Locked Frequency Dividers (FDs) with an Odd-modulus Sub-FD. , 2021, , .		0
10	Wide-Locking Range RLC-Tank Balanced-Injection Divide-by-5 Injection-Locked Frequency Dividers Based on Harmonic Mixing. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 894-903.	4.6	17
11	2:1 Injection-Locked Frequency Dividers Using Multi-Resonance Spiral-Inductor Resonator. IEEE Access, 2020, 8, 202240-202248.	4.2	3
12	Simulation and implementation of CMOS 8:1 LCâ€tank injectionâ€locked frequency divider. Microwave and Optical Technology Letters, 2020, 62, 2150-2155.	1.4	3
13	Divide-by-2 Injection-Locked Frequency Dividers Using the Electric-Field Coupling Dual-Resonance Resonator. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 844-853.	4.6	25
14	Divide by Two Injection-Locked Frequency Divider Using 3-D Inductive Mutual-Coupling. , 2020, , .		0
15	Current-Reused 6:1 Injection-Locked Frequency Divider. , 2020, , .		2
16	A Low-Power Injection-Locked Frequency Tripler in 90 nm CMOS Technology. , 2020, , .		3
17	Divide-by-5 Injection-Locked Frequency Divider Using Assisted Low-modulus Injection Technique. , 2020, , .		1
18	Divide-by-2 Injection-Locked Frequency Divider Using 3-path Transformer-Coupled Resonator. , 2020, , .		1

#	Article	IF	Citations
19	Divide-by-4 Injection-Locked Frequency Divider (ILFD) Using Stacked 2:1 ILFDs. , 2019, , .		5
20	Super-Regenerative Receiver with TSPC Divide-by-8 Frequency Pulse for Multi-sensor Applications. , 2019, , .		1
21	Low Supply Voltage Control Oscillator with Transformer Feedback for Photoplethysmography. , 2019, , .		1
22	Fully-Integrated CMOS DC-DC Boost Converter. , 2019, , .		7
23	LC-Tank Injection-Locked Frequency Divider with Variable Modulus. , 2019, , .		1
24	Low Power Device Phase Locked Loop with Gm-Boosted Charge Pump and ESD Protection. , 2019, , .		1
25	Triple Capacitive Cross-Coupled Divide-by-2 Injection-Locked Frequency Divider. , 2019, , .		2
26	High-Modulus Injection-Locked Frequency Divider Using Multi-Resonance Tank. , 2019, , .		1
27	Injection Lock Frequency Divider with Class-C Coupled VCO for Nanoelectronics Harmonic Demodulator of Fluxgate Sensing. , 2019, , .		0
28	Frequency Divider Using Hybrid Transformer-based and Resistively Distributed Resonator. , 2019, , .		0
29	A Sub-Harmonic Injection Phase Locked Loop with Spur Reduction Technique. , 2019, , .		0
30	Dual Band Quadrature VCO Using Switched-transformer Coupling for Wireless Robot Applications. , 2019, , .		4
31	Divide-By-3 Dual-Resonance Injection-Locked Frequency Divider. , 2019, , .		2
32	Dual-Feedback GaN HEMT Oscillator. , 2019, , .		2
33	High Even-Modulus Injection-Locked Frequency Dividers. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 5069-5079.	4.6	31
34	Quadrature VCO Via Transformer-coupled Transmission Line. , 2019, , .		5
35	Lowâ€phase noise 8.22 GHz GaN HEMT oscillator using a feedback multiâ€path transformer. Microwave and Optical Technology Letters, 2019, 61, 605-609.	1.4	2
36	Injection-Locked Frequency Divider With a Resistively Distributed Resonator for Wide-Locking-Range Performance. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 505-517.	4.6	31

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37	A triple-band voltage-controlled oscillator with a triple-resonance resonator. Microelectronics Journal, 2019, 83, 1-5.	2.0	3
38	Injectionâ€locked frequency divider with a hybrid 3D multiâ€path and singleâ€path inductor. Electronics Letters, 2019, 55, 778-780.	1.0	0
39	Current-Reuse LC Divide-by-8 Injection-Locked Frequency Divider. , 2019, , .		1
40	Wideâ€band dualâ€resonance capacitive crossâ€coupled divideâ€byâ€5 injectionâ€locked frequency divider. International Journal of Circuit Theory and Applications, 2018, 46, 683-690.	2.0	3
41	Dual-resonance concurrent oscillator. Microelectronics Reliability, 2018, 83, 208-215.	1.7	7
42	Implementation of Multipath Transformer in CMOS Voltage-Controlled Oscillator CMOS VCO Using Multi-Path Transformer. , 2018, , .		0
43	Injection-Locked Frequency Divider for EMI Reduction. , 2018, , .		3
44	A VCO with Dynamic Body Injection and Class-C Technique. , 2018, , .		0
45	A Feedback GaN HEMT Oscillator. , 2018, , .		5
46	A CMOS Triple-Band 2:1 Injection-Locked Frequency Divider with Inductive Coupling Resonator. , 2018, , .		3
47	An Wide Locking Range Injection-Locked Frequency Divider by Dual Resonance Tank. , 2018, , .		0
48	Voltage Controlled Oscillator with Impedance Spectroscopy for Non-invasive Glucose Application. , 2018, , .		0
49	Class-AC VCO and Continuous-Time Low-pass Sigma Delta ADC for Automatic Control EMI Reduction. , 2018, , .		2
50	Frequency tuning hysteresis of a dualâ€resonance divideâ€byâ€three crossâ€coupled injectionâ€locked frequency divider. IET Microwaves, Antennas and Propagation, 2018, 12, 1302-1309.	1.4	11
51	Quadrature cross-coupled VCOs using the tail resistor coupling technique. , 2018, , .		0
52	Performance comparison of divide-by-2 injection-locked frequency divider with balanced and unbalanced injection methods. , 2018, , .		1
53	A single GaN HEMT oscillator with four-path inductors. , 2018, , .		5
54	Divide-by-2 injection-locked frequency divider using distributed spiral resonator: 2:1 distributed spiral resonator injection-locked frequency divider. , 2018, , .		1

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55	An injection-locked power oscillator in 0.35 Î¼m SiGe BiCMOS process for power amplifier driver. Microwave and Optical Technology Letters, 2018, 60, 1515-1519.	1.4	0
56	A capacitive cross-coupled GaN HEMT injection-locked frequency divider. , 2018, , .		3
57	An ultra wide-band Ã·3 injection-locked frequency divider. , 2018, , .		0
58	Divide-by-2 injection-locked frequency divider implemented with two shunt 4th-order LC resonators. Analog Integrated Circuits and Signal Processing, 2017, 91, 377-383.	1.4	2
59	A 4.9 GHz low phase noise QVCO using ring coupling technique and used for wireless band application. , 2017, , .		0
60	Wideâ€band varactorless dualâ€resonance divideâ€byâ€4 injectionâ€locked frequency divider. Microwave and Optical Technology Letters, 2017, 59, 1503-1507.	1.4	17
61	Wide-Locking Range Divide-by-4 Injection-Locked Frequency Divider Using Linear Mixer Approach. IEEE Microwave and Wireless Components Letters, 2017, 27, 398-400.	3.2	20
62	Lowâ€power threeâ€path inductor classâ€C VCO without any dynamic bias circuit. Electronics Letters, 2017, 53, 1186-1188.	1.0	10
63	SAR ADC with a body effect reduction T/H circuit for wireless power transfer applications. , 2017, , .		0
64	Frequency synthesizer and phase to analog converter for wireless power transfer applications. , 2017, , .		0
65	CMOS VCO with three-path inductor. , 2017, , .		2
66	A dynamic-biased armstrong class-C voltage-controlled oscillator. , 2017, , .		0
67	Low power transformer coupled VCO for wearable sensor applications. , 2017, , .		1
68	Low power class-C VCO using dynamic body biasing. , 2017, , .		2
69	Wideband Divide-by-4 Injection-Locked Frequency Divider Using Harmonic Mixer. IEEE Microwave and Wireless Components Letters, 2017, 27, 924-926.	3.2	15
70	A wide range quadrature injection-locked frequency divider. , 2017, , .		0
71	Concurrent VCO using capacitive coupled oscillators. , 2017, , .		2
72	Small die area capacitive cross-coupled injection-locked frequency divider. , 2017, , .		0

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73	Chip design of class-C quadrature VCO using the quadruple-push coupling technique. , 2017, , .		1
74	An injection-locked frequency divider by three with switching cross-couple architecture. , 2017, , .		2
75	Wideâ€locking range Ã·3 injectionâ€locked frequency divider using directâ€injection and switchingâ€injection techniques. IET Microwaves, Antennas and Propagation, 2017, 11, 1803-1809.	1.4	8
76	Wide-band triple-resonance divide-by-4 injection-locked frequency divider. , 2017, , .		9
77	Tripleâ€band oscillator with two shunt fourthâ€order LC resonators. Microwave and Optical Technology Letters, 2016, 58, 580-583.	1.4	1
78	Wideâ€locking range divideâ€byâ€4 injectionâ€locked frequency divider using injection MOSFET DCâ€biased above threshold region. International Journal of Circuit Theory and Applications, 2016, 44, 968-976.	2.0	9
79	A classâ€<scp>C</scp> quadrature <scp>VCO</scp> using the varactor coupling technique. Microwave and Optical Technology Letters, 2016, 58, 1961-1964.	1.4	44
80	Wide-Locking Range Divide-by-3 Injection-Locked Frequency Divider Through Enhanced 2nd Harmonic. IEEE Microwave and Wireless Components Letters, 2016, 26, 537-539.	3.2	14
81	CMOS quadrature voltage controlled oscillator uses in measuring blood glucose applications. , 2016, , .		3
82	Wide-band injection-locked frequency doubler. , 2016, , .		2
83	Low power injection-locked frequency divider using native MOS for biomedical application. , 2016, , .		1
84	Low power VCO using Gm-Boosting technique for optical pulse trains application. , 2016, , .		0
85	A high performance VCO using adaptive class C technique for sensor application. , 2016, , .		2
86	Wide-locking range divide-by-5 injection-locked frequency divider using linear mixer approach for microwave device application. , 2016, , .		3
87	Wide-Locking Range Divide-by-4 Injection-Locked Frequency Divider Using Dual-Resonance RLC Resonator for Biomedical Sensor Applications. , 2016, , .		1
88	A dual band divide by four frequency divider for biomedical sensor and wearable applications. , 2016, , .		1
89	A 4.9GHz low power QVCO using injection locked techniques for wireless wearable applications. , 2016, , .		2
90	Mode-switching VCO and double balanced mixer in optical communication and sensor application. , 2016, , .		0

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91	Chip design of low-power and dual-band voltage control oscillator. , 2016, , .		0
92	Complementary current reuse quadrature voltageâ€controlled oscillators. IET Microwaves, Antennas and Propagation, 2016, 10, 756-763.	1.4	3
93	Oscillation Mode Swapping Dual-Band VCO. IEEE Microwave and Wireless Components Letters, 2016, 26, 210-212.	3.2	5
94	Mode-switching VCO and double balanced mixer in optical communication and sensor application. , 2016, , .		0
95	Ultra low power Colpitts VCO with body-bias voltage controled technique. , 2016, , .		2
96	Low power injection-locked frequency divider using native MOS. , 2016, , .		5
97	Dual-band rotary standing wave voltage-controlled oscillator for fiber lasers in microwave generation. , 2016, , .		0
98	Wide-band divide-by-4 injection-locked frequency divider using RLC resonator and capacitive cross-coupled oscillator. , 2016, , .		15
99	Divideâ€byâ€2 LC injectionâ€locked frequency divider with wide locking range at low and high injection powers. International Journal of Circuit Theory and Applications, 2016, 44, 2174-2182.	2.0	32
100	Review: capacitive cross-coupled injection-locked frequency dividers. Analog Integrated Circuits and Signal Processing, 2016, 88, 97-104.	1.4	13
101	A triple-band divide-by-2 CMOS injection-locked frequency divider. Analog Integrated Circuits and Signal Processing, 2016, 86, 33-38.	1.4	8
102	Divide-by-4 capacitive cross-coupled injection-locked frequency dividers. Analog Integrated Circuits and Signal Processing, 2016, 86, 59-63.	1.4	9
103	Wide-Locking Range Divide-by-3 Injection-Locked Frequency Divider Using Sixth-Order <inline-formula> <tex-math notation="LaTeX">RLC </tex-math> </inline-formula> Resonator. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2016, 24, 2598-2602.	3.1	19
104	A Triple-Band Voltage-Controlled Oscillator Using Two Shunt Right-Handed 4th-Order Resonators. Journal of Semiconductor Technology and Science, 2016, 16, 506-510.	0.4	67
105	A threeâ€phase PMOS voltageâ€controlled oscillator using ring and tripleâ€push coupling. Microwave and Optical Technology Letters, 2015, 57, 2529-2532.	1.4	3
106	Wideâ€band divideâ€byâ€2 injectionâ€locked frequency divider using MOSFET mixers DCâ€biased in subthreshold region. International Journal of Circuit Theory and Applications, 2015, 43, 2081-2088.	2.0	23
107	Wideâ€locking range singleâ€injection divideâ€byâ€3 injectionâ€locked frequency divider. Microwave and Optical Technology Letters, 2015, 57, 2720-2723.	1.4	2
108	Wide-locking range LC-tank divide-by-4 injection-locked frequency divider using transformer feedback. International Journal of RF and Microwave Computer-Aided Engineering, 2015, 25, 557-562.	1.2	9

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109	A wide-band divide-by-3 injection-locked frequency divider using tunable MOS resistor. , 2015, , .		14
110	Mode-switching VCO and double balanced mixer in optical communication and sensor application. , 2015, , .		1
111	Enhanced locking range technique for divideâ€byâ€3 differential injectionâ€locked frequency divider. Electronics Letters, 2015, 51, 456-458.	1.0	17
112	Injection-Locked Frequency Divider Using Injection Mixer DC-Biased in Sub-threshold. IEEE Microwave and Wireless Components Letters, 2015, 25, 193-195.	3.2	23
113	Divide-by-3 injection-locked frequency dividers using dual-resonance resonator. Analog Integrated Circuits and Signal Processing, 2015, 85, 335-341.	1.4	10
114	Injection-locked frequency divider using single-injected dual-injection MOSFETs. Microelectronics Journal, 2015, 46, 1409-1412.	2.0	10
115	Dual C- and S-Band CMOS VCO Using the Shunt Varactor Switch. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2015, 23, 1808-1813.	3.1	12
116	Effects of Hot-Carrier Stress on the RF Performance of a 0.18-Î¼m MOS Divide-by-4 LC Injection-Locked Frequency Divider. Fluctuation and Noise Letters, 2014, 13, 1450009.	1.5	1
117	LC-tank divide-by-4 injection-locked frequency divider using the second-order harmonic feedback. International Journal of Electronics, 2014, 101, 204-211.	1.4	7
118	Wideâ€locking range classâ€C injectionâ€locked frequency divider. Electronics Letters, 2014, 50, 1710-1712.	1.0	27
119	A wideâ€locking Ã·3 BiCMOS injectionâ€locked frequency divider using internal feedback. Microwave and Optical Technology Letters, 2014, 56, 493-497.	1.4	0
120	Dual-band rotary standing-wave voltage-controlled oscillator. International Journal of RF and Microwave Computer-Aided Engineering, 2014, 24, 536-543.	1.2	1
121	Over-voltage stressed dual-resonance injection-locked frequency divider with series-peaking injection device. Analog Integrated Circuits and Signal Processing, 2014, 81, 789-795.	1.4	1
122	Wide locking range divide-by-4 LC-tank injection-locked frequency divider using series-mixers. Analog Integrated Circuits and Signal Processing, 2014, 78, 523-528.	1.4	18
123	Experimental evaluation of hot-carrier stressed series-tuned injection-locked frequency divider. Analog Integrated Circuits and Signal Processing, 2014, 80, 133-139.	1.4	2
124	Poststress RF-drifts of dual-band LC VCO in 0.18-Î¼m CMOS technology. International Journal of RF and Microwave Computer-Aided Engineering, 2014, 24, 243-248.	1.2	1
125	Triple-Band Transformer-Coupled LC Oscillator With Large Output Voltage Swing. IEEE Microwave and Wireless Components Letters, 2014, 24, 475-477.	3.2	10
126	Indirect Back-Gate Coupling Quadrature LC-VCO. IEEE Microwave and Wireless Components Letters, 2014, 24, 117-119.	3.2	9

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127	A dualâ€band crossâ€coupled oscillator using the varactorâ€switching mode technique. Microwave and Optical Technology Letters, 2013, 55, 485-488.	1.4	1
128	Wide-locking range Ã·3 series-tuned injection-locked frequency divider. Analog Integrated Circuits and Signal Processing, 2013, 76, 111-116.	1.4	16
129	A source degenerated LC quadrature VCO (SD-QVCO) using 0.18-Î¼m SiGe BiCMOS. Analog Integrated Circuits and Signal Processing, 2013, 76, 161-166.	1.4	0
130	Bottom-series coupled quadrature VCO using the inductive gate voltage boosting technique. International Journal of Electronics, 2013, 100, 1175-1183.	1.4	2
131	An Nmos Crossâ€Coupled Quadrature Vco using Coupling Commonâ€Gate Pmosfets. Microwave and Optical Technology Letters, 2013, 55, 1705-1708.	1.4	0
132	A wide-locking range Ã·3 injection-locked frequency divider using concurrent injection mechanisms. Analog Integrated Circuits and Signal Processing, 2013, 77, 593-598.	1.4	15
133	A balanced dualâ€resonance colpitts VCO in 0.18 Î¼m CMOS. Microwave and Optical Technology Letters, 2013, 55, 194-197.	1.4	0
134	CMOS quadrature VCO using a passive coupling device. Microwave and Optical Technology Letters, 2013, 55, 310-313.	1.4	0
135	An injectionâ€locked frequency quadrupler in 90 nm CMOS technology. Microwave and Optical Technology Letters, 2013, 55, 266-269.	1.4	1
136	A fullyâ€integrated CMOS quadrature VCO implemented with balanced VCOs. Microwave and Optical Technology Letters, 2013, 55, 700-703.	1.4	2
137	Dualâ€band VCO with composite rightâ€/leftâ€handed resonator. Microwave and Optical Technology Letters, 2013, 55, 468-471.	1.4	1
138	A low phase noise differential dual-resonance complementary colpitts VCO. Microwave and Optical Technology Letters, 2013, 55, 1494-1497.	1.4	2
139	DC-bias and oscillation-amplitude dependent frequency-tuning characteristics of varactor-switching dual-band CMOS VCOs. Microwave and Optical Technology Letters, 2013, 55, 1389-1393.	1.4	8
140	Tripleâ€band CMOS voltageâ€controlled oscillator. Microwave and Optical Technology Letters, 2013, 55, 737-740.	1.4	4
141	Switched inductor dual-band CMOS cross-coupled VCO. Analog Integrated Circuits and Signal Processing, 2013, 74, 527-532.	1.4	3
142	Modeâ€Switching Leftâ€Handed Standing Wave Voltageâ€Controlled Oscillator. Microwave and Optical Technology Letters, 2013, 55, 2074-2077.	1.4	5
143	A CMOS quadrature voltage-controlled oscillators using common-drain coupling transistors. Microwave and Optical Technology Letters, 2013, 55, 1262-1266.	1.4	0
144	Fullyâ€integrated standing wave oscillator using composite right/leftâ€handed LC network. Microwave and Optical Technology Letters, 2013, 55, 985-988.	1.4	5

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145	A 4.0/7.5-GHz dual-band LC VCO in 0.18-μm SiGe BiCMOS technology. , 2013, , .		3
146	Wide-Locking Range Dual-Band Injection-Locked Frequency Divider. Microwave and Optical Technology Letters, 2013, 55, 2333-2337.	1.4	21
147	Low-voltage wide-locking range LC-tank divide-by-3 injection-locked frequency divider. International Journal of Electronics Letters, 2013, 1, 62-68.	1.2	0
148	Radio-Frequency Performance Degradation in CMOS Divide-by-3 Injection-Locked Frequency Divider Due to Hot Carrier Effects. Journal of Low Power Electronics, 2013, 9, 484-489.	0.6	1
149	Quadrature VCO using the composite right-/left-handed dual-resonance resonator. , 2012, , .		2
150	Phase noise formula for dual-resonance injection-locked frequency dividers. Microwave and Optical Technology Letters, 2012, 54, 2491-2494.	1.4	0
151	A differential BiCMOS divide-by-4 injection-locked frequency divider. Microwave and Optical Technology Letters, 2012, 54, 2825-2828.	1.4	3
152	A differential complementary hartley CMOS voltage controlled oscillator. , 2012, , .		1
153	A 0.18â€Î¼m SiGe BiCMOS HBT VCO using diode degeneration. Microwave and Optical Technology Letters, 2012, 54, 605-608.	1.4	1
154	BIASâ€free analog predistorters with Lâ€TYPE attenuator for RF power amplifiers. Microwave and Optical Technology Letters, 2012, 54, 920-923.	1.4	1
155	A complementary crossâ€coupled quadrature VCO using ringâ€inductor coupling method. Microwave and Optical Technology Letters, 2012, 54, 839-842.	1.4	4
156	Lowâ€power quadrature voltageâ€controlled oscillator formed with two injectionâ€locked frequency dividers. Microwave and Optical Technology Letters, 2012, 54, 1170-1173.	1.4	0
157	CMOS transconductanceâ€enhanced Colpittsâ€like quadrature voltageâ€controlled oscillator. Microwave and Optical Technology Letters, 2012, 54, 1453-1455.	1.4	1
158	Divideâ€byâ€4 injectionâ€locked frequency divider using two linear mixers. Microwave and Optical Technology Letters, 2012, 54, 1359-1362.	1.4	5
159	A dualâ€resonance CMOS voltageâ€controlled oscillator with enhanced performance through new varactor topology. Microwave and Optical Technology Letters, 2012, 54, 1590-1593.	1.4	3
160	A complementary cross-coupled voltage-controlled oscillator using differential active inductor. Microwave and Optical Technology Letters, 2012, 54, 2039-2042.	1.4	2
161	Wideband divideâ€byâ€2 quadrature injectionâ€locked frequency dividers with large output voltage swing. Microwave and Optical Technology Letters, 2012, 54, 2284-2287.	1.4	0
162	Dualâ€band CMOS voltageâ€controlled oscillator with comparable outpower at both bands. Microwave and Optical Technology Letters, 2012, 54, 2349-2352.	1.4	4

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163	A dual-resonance injection-locked frequency doubler in 0.18 Î¼m CMOS technology. Microwave and Optical Technology Letters, 2012, 54, 193-196.	1.4	0
164	Quadrature VCO based on an LC-ring in 0.18-Î¼m CMOS technology. Microwave and Optical Technology Letters, 2012, 54, 474-477.	1.4	1
165	A parallelâ€injection injection locked frequency divider in 0.35â€Î¼m SiGe HBT process. Microwave and Optical Technology Letters, 2012, 54, 379-383.	1.4	0
166	A wide-locking range SiGe BiCMOS divide-by-3 injection locked oscillators. , 2011, , .		3
167	A numerical survey of self - consistent calculaton over a functional N - type tissue. , 2011, , .		0
168	Dual-resonance LC-tank frequency divider implemented with switched varactor bias. , 2011, , .		14
169	Quadrature Injection-Locked Frequency Dividers Using Dual-Resonance Resonator. IEEE Microwave and Wireless Components Letters, 2011, 21, 37-39.	3.2	26
170	A THREE-PHASE VOLTAGE-CONTROLLED OSCILLATOR USING A COMPOSITE LC TRANSMISSION-LINE RESONATOR. Progress in Electromagnetics Research Letters, 2011, 27, 151-160.	0.7	5
171	QUADRATURE VCO FORMED WITH TWO COLPITTS VCO COUPLED VIA AN LC-RING RESONATOR. Progress in Electromagnetics Research C, 2011, 24, 185-196.	0.9	5
172	CMOS injectionâ€locked frequency divider with two seriesâ€LC resonators. Microwave and Optical Technology Letters, 2011, 53, 290-293.	1.4	8
173	Wideâ€band Ã·3 injection locked frequency divider in 0.35 Î¼m SiGe BiCMOS. Microwave and Optical Technology Letters, 2011, 53, 609-611.	1.4	2
174	CMOS quadrature voltageâ€controlled oscillator using the diode coupling technique. Microwave and Optical Technology Letters, 2011, 53, 551-553.	1.4	1
175	A SiGe injectionâ€lockedâ€oscillator using HBT injector operated in saturation region. Microwave and Optical Technology Letters, 2011, 53, 734-737.	1.4	2
176	Lowâ€power selfâ€injectionâ€locked CMOS armstrong voltageâ€controlled oscillator. Microwave and Optical Technology Letters, 2011, 53, 728-731.	1.4	1
177	A transconductanceâ€boosted complementary Colpitts voltageâ€controlled oscillator. Microwave and Optical Technology Letters, 2011, 53, 1183-1186.	1.4	0
178	A 0.35â€Î¼m CMOS frequency divider implemented with the waffle injection MOSFET. Microwave and Optical Technology Letters, 2011, 53, 1610-1613.	1.4	0
179	Dualâ€band transformerâ€coupled quadrature injectionâ€locked frequency dividers. Microwave and Optical Technology Letters, 2011, 53, 1561-1564.	1.4	7
180	A quadrature CMOS clapp voltageâ€controlled oscillator. Microwave and Optical Technology Letters, 2011, 53, 1909-1911.	1.4	1

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181	A 0.35-Î¼m CMOS cross-coupled complementary Colpitts voltage controlled oscillator. Microwave and Optical Technology Letters, 2011, 53, 2189-2192.	1.4	0
182	Threeâ€phase complementary colpitts VCO implemented with A LCâ€ring resonator. Microwave and Optical Technology Letters, 2011, 53, 2308-2310.	1.4	6
183	CMOS quadrature VCO using the injection MOSFET coupling. Microwave and Optical Technology Letters, 2011, 53, 2631-2634.	1.4	1
184	Wideâ€locking range Ã·3 activeâ€inductor injectionâ€locked frequency divider using the pushâ€“push oscillator. Microwave and Optical Technology Letters, 2011, 53, 2771-2773.	1.4	2
185	CMOS Quadrature VCOs Using the Varactor Coupling Technique. IEEE Microwave and Wireless Components Letters, 2011, 21, 498-500.	3.2	12
186	A low-voltage, low power divide-by-4 LC-tank injection-locked frequency divider. International Journal of Electronics, 2011, 98, 521-527.	1.4	17
187	A 0.18.MU.m CMOS Wide-Band Injection-Locked Frequency Divider Using Push-Push Oscillator. IEICE Transactions on Electronics, 2011, E94-C, 1332-1335.	0.6	2
188	A Dual-Band Dual-Resonance Quadrature Injection-Locked Frequency Divider. IEICE Transactions on Electronics, 2011, E94.C, 1336-1339.	0.6	6
189	Divide-by-3 Injection-Locked Frequency Divider Using Two Linear Mixers. IEICE Transactions on Electronics, 2010, E93-C, 136-139.	0.6	16
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