

Yi-Chyun Chiang

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	79-GHz Wide-Beam Microstrip Patch Antenna and Antenna Array for Millimeter-Wave Applications. IEEE Access, 2020, 8, 200823-200833.	4.2	19
2	A DC-Coupled High Dynamic Range Biomedical Radar Sensor With Fast-Settling Analog DC Offset Cancellation. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 1441-1450.	4.7	25
3	Vital Signal Radar With Adaptive Compensation Circuits to Effectively Eliminate DC Offsets. IEEE Microwave and Wireless Components Letters, 2018, 28, 88-90.	3.2	13
4	A DC-coupled biomedical radar sensor with analog DC offset calibration circuit. , 2018, , .		7
5	Dual-Band Coupled-Line Couplers With Wide Separation Between Bands. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 2918-2929.	4.6	10
6	Design of reconfigurable dual-band branch-line coupler. , 2016, , .		2
7	Appropriate reflected power control for vital signal radar adopting phase shifting method. , 2015, , .		1
8	Microstrip Diplexer Constructed With New Types of Dual-Mode Ring Filters. IEEE Microwave and Wireless Components Letters, 2015, 25, 7-9.	3.2	61
9	Design of microstrip diplexer constructed with step impedance resonance ring structures. , 2014, , .		1
10	Compact wideband balanced bandpass filter with high common-mode suppression based on cascade parallel coupled lines. IET Microwaves, Antennas and Propagation, 2014, 8, 564-570.	1.4	16
11	A dual-band dual-mode filter constructed by using floating-plate overlay structures. , 2012, , .		1
12	Design of a New Type Planar Balun by Using Trans-Directional Couplers. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 471-476.	4.6	16
13	Design and Analysis of a Tri-Band Dual-Mode Chip Filter for 60-, 77-, and 100-GHz Applications. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 989-997.	4.6	5
14	A novel self-biased low noise amplifier with current-reused technique for X band applications. , 2009, , .		4
15	Compact parallel coupled-line bandpass filter with wide bandwidth and suppression of spurious. Microwave and Optical Technology Letters, 2009, 51, 1795-1800.	1.4	3
16	Transdirectional Coupled-Line Couplers Implemented by Periodical Shunt Capacitors. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 2981-2988.	4.6	76
17	Design of asymmetrical compact microstrip resonator filter with four controllable transmission zeros. Microwave and Optical Technology Letters, 2008, 50, 42-45.	1.4	2
18	Efficiency design of a 10GHz CMOS oscillator. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
19	A Ka-Band Monolithic CPW-Mode T/R Modules Using 0.15 $\hat{1}$ / ₄ m Gate-Length GaAs pHEMT Technology. , 2008, , *		1
20	Closed-Form Equations of Conventional Microstrip Couplers Applied to Design Couplers and Filters Constructed With Floating-Plate Overlay. IEEE Transactions on Microwave Theory and Techniques, 2008, 56, 1172-1179.	4.6	18
21	Parallel Coupled-Line Bandpass Filters With Floating Plate Overlay for Enhanced Coupling and Spurious Suppression. , 2007, , .		1
22	Microstrip Open-Loop Resonator With Multispurious Suppression. IEEE Microwave and Wireless Components Letters, 2007, 17, 574-576.	3.2	16
23	A new compact LTCC bandpass filter using negative coupling. IEEE Microwave and Wireless Components Letters, 2005, 15, 641-643.	3.2	25