

Chi-Feng Chen

List of Publications by Year in descending order

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54
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1,670
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516710

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docs citations

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times ranked

848
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of Dual- and Triple-Passband Filters Using Alternately Cascaded Multiband Resonators. IEEE Transactions on Microwave Theory and Techniques, 2006, 54, 3550-3558.	4.6	266
2	Microstrip diplexers design with common resonator sections for compact size, but high isolation. IEEE Transactions on Microwave Theory and Techniques, 2006, 54, 1945-1952.	4.6	230
3	Design of microstrip bandpass filters with multiorder spurious-mode suppression. IEEE Transactions on Microwave Theory and Techniques, 2005, 53, 3788-3793.	4.6	182
4	Design of Miniaturized Filtering Power Dividers for System-in-a-Package. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2013, 3, 1663-1672.	2.5	101
5	Compact Microstrip Filtering Power Dividers With Good In-Band Isolation Performance. IEEE Microwave and Wireless Components Letters, 2014, 24, 17-19.	3.2	83
6	Design of a Compact Microstrip Quint-Band Filter Based on the Tri-Mode Stub-Loaded Stepped-Impedance Resonators. IEEE Microwave and Wireless Components Letters, 2012, 22, 357-359.	3.2	66
7	Design of Vertically Stacked Waveguide Filters in LTCC. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 1771-1779.	4.6	65
8	Design of Multimode Net-Type Resonators and Their Applications to Filters and Multiplexers. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 848-856.	4.6	65
9	Design of Compact Quadruplexer Based on the Tri-Mode Net-Type Resonators. IEEE Microwave and Wireless Components Letters, 2011, 21, 534-536.	3.2	62
10	A Laminated Waveguide Magic-T With Bandpass Filter Response in Multilayer LTCC. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 584-592.	4.6	51
11	A compact reconfigurable microstrip dual-band filter using varactor-tuned stub-loaded stepped-impedance resonators. IEEE Microwave and Wireless Components Letters, 2013, 23, 16-18.	3.2	50
12	Microstrip Switchable and Fully Tunable Bandpass Filter With Continuous Frequency Tuning Range. IEEE Microwave and Wireless Components Letters, 2018, 28, 500-502.	3.2	48
13	Novel compact net-type resonators and their applications to microstrip bandpass filters. IEEE Transactions on Microwave Theory and Techniques, 2006, 54, 755-762.	4.6	47
14	High-Isolation and High-Rejection Microstrip Diplexer With Independently Controllable Transmission Zeros. IEEE Microwave and Wireless Components Letters, 2014, 24, 851-853.	3.2	35
15	A miniaturized multilayer quasi-elliptic bandpass filter with aperture-coupled microstrip resonators. IEEE Transactions on Microwave Theory and Techniques, 2005, 53, 2688-2692.	4.6	26
16	A compact filtering rat-race coupler using dual-mode stub-loaded resonators. , 2012, , .		19
17	A miniaturized net-type microstrip bandpass filter using $\lambda/8$ resonators. IEEE Microwave and Wireless Components Letters, 2005, 15, 481-483.	3.2	17
18	A miniaturized microstrip common resonator triplexer without extra matching network. , 2006, , .		17

#	ARTICLE	IF	CITATIONS
19	A compact tunable microstrip diplexer using varactor-tuned dual-mode stub-loaded resonators. , 2014, , .		16
20	Design of Compact Microstrip Sept-Band Bandpass Filter With Flexible Passband Allocation. IEEE Microwave and Wireless Components Letters, 2016, 26, 346-348.	3.2	16
21	Design of a Microstrip Diplexer-Integrated Filtering Power Divider. IEEE Access, 2019, 7, 106514-106520.	4.2	16
22	A compact microstrip quad-channel diplexer with high-selectivity and high-isolation performances. , 2014, , .		15
23	Design of a 180-degree hybrid with Chebyshev filtering response using coupled resonators. , 2013, , .		14
24	Compact dual-band stepped-impedance resonator filter with separate coupling paths. Electronics Letters, 2014, 50, 1551-1552.	1.0	13
25	Compact microstrip dual-band bandpass filter and quad-channel diplexer based on quint-mode stub-loaded resonators. IET Microwaves, Antennas and Propagation, 2018, 12, 1913-1919.	1.4	12
26	Compact microstrip broadband filter using multimode stub-loaded resonator. Electronics Letters, 2013, 49, 545-546.	1.0	11
27	Compact Microstrip Dual-Band Quadrature Coupler Based on Coupled-Resonator Technique. IEEE Microwave and Wireless Components Letters, 2016, 26, 487-489.	3.2	11
28	Ultracompact microstrip dual-band and triple-band bandpass filters with a common resonator feeding structure. IET Microwaves, Antennas and Propagation, 2019, 13, 252-257.	1.4	11
29	Design of Microstrip Multifunction Integrated Diplexers With Frequency Division, Frequency Selection, and Power Division Functions. IEEE Access, 2021, 9, 53232-53242.	4.2	11
30	Compact Microstrip Cross-Coupled Bandpass Filters Using Miniaturized Stepped Impedance Resonators. , 0, , .		10
31	A 60GHz LTCC Transition between Microstrip Line and Substrate Integrated Waveguide. , 0, , .		9
32	Design of Compact Filtering 180-Degree Hybrids With Arbitrary Power Division and Filtering Response. IEEE Access, 2019, 7, 18521-18530.	4.2	9
33	Design of a Microstrip Three-State Switchable and Fully Tunable Bandpass Filter With an Extra-Wide Frequency Tuning Range. IEEE Access, 2020, 8, 66438-66447.	4.2	8
34	Miniaturized Microstrip Quasi-Elliptical Bandpass Filters Using Slotted Resonators. , 2006, , .		6
35	Compact microstrip eight-channel multiplexer with independently switchable passbands. IET Microwaves, Antennas and Propagation, 2018, 12, 1026-1033.	1.4	6
36	Design of a vertically stacked waveguide filter with novel cross coupling structures in LTCC. , 2006, , .		5

#	ARTICLE	IF	CITATIONS
37	Microstrip bandpass power divider with high frequency selectivity and good in-band isolation. , 2014, , .		5
38	Design of a microstrip quad-band bandpass filter with controllable bandwidth and band spacing for multifunctional applications. IET Microwaves, Antennas and Propagation, 2020, 14, 374-380.	1.4	5
39	An integrated filtering antenna array with 180 degree hybrid for SiP front end module. , 2012, , .		4
40	Miniaturized and high isolation microstrip diplexers based on the tri-mode stub-loaded stepped-impedance resonators. Journal of Electromagnetic Waves and Applications, 2012, 26, 2001-2011.	1.6	4
41	Design of compact microwave diplexer for system-in-a-package applications. , 2016, , .		4
42	Compact triple-wideband bandpass filter based on multi-mode stepped-impedance stub-loaded resonator. , 2017, , .		4
43	Microstrip switchable diplexer based on dual-mode stub-loaded stepped-impedance resonators with three operating states. Electronics Letters, 2019, 55, 1188-1190.	1.0	4
44	A compact and high isolation microstrip switchable diplexer. , 2015, , .		3
45	A Compact Quadruplexer-Integrated Filtering Power Divider. IEEE Journal of Microwaves, 2021, 1, 804-809.	6.5	3
46	Compact and High Isolation Microstrip Six-Channel Diplexer Using Multi-Mode Stepped-Impedance Resonators. , 2018, , .		2
47	Design of Bandpass Multiplexer-Integrated Power Dividers. IEEE Access, 2022, 10, 65562-65571.	4.2	2
48	Design of microstrip contiguous broadband diplexer based on dual-mode stub-loaded resonators. , 2017, , .		1
49	Design of 60-GHz Vertically Stacked Waveguide Filters in LTCC. , 0, , .		0
50	Compact dual-band power divider with highly selective bandpass response. , 2017, , .		0
51	A Compact Filtering Power Divider With Quasi-Elliptic Bandpass Response. , 2021, , .		0
52	Design of compact microstrip bandpass filter with two switchable operating passbands. Electronics Letters, 0, , .	1.0	0
53	A Compact Dual-Band Bandpass Filter with Flexible Band Control and Simple Layout. , 2018, , .		0
54	A Compact Wideband Bandpass Filter Based on Stepped Impedance Line Sections. , 2018, , .		0