Shih-Cheng Lin

List of Publications by Year
in descending order

38 papers	583 citations	623734 14 h-index	794594 19 g-index
38 all docs	38 docs citations	38 times ranked	448 citing authors

#	ARTICLE	IF	CITATIONS
1	Wide-stopband microstrip bandpass filters using dissimilar quarter-wavelength stepped-impedance resonators. IEEE Transactions on Microwave Theory and Techniques, 2006, 54, 1011-1018.	4.6	143
2	Microstrip Dual/Quad-Band Filters With Coupled Lines and Quasi-Lumped Impedance Inverters Based on Parallel-Path Transmission. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 1937-1946.	4.6	85
3	Extended-stopband bandpass filter using both half- and quarter-wavelength resonators. IEEE Microwave and Wireless Components Letters, 2006, 16, 43-45.	3.2	46
4	Design of Microstrip Triplexer with High Isolation Based on Parallel Coupled-Line Filters Using T-Shaped Short-Circuited Resonators. IEEE Microwave and Wireless Components Letters, 2015, 25, 648-650.	3.2	34
5	Quadband Rectifier Using Resonant Matching Networks for Enhanced Harvesting Capability. IEEE Microwave and Wireless Components Letters, 2017, 27, 669-671.	3.2	34
6	Novel Patch-Via-Spiral Resonators for the Development of Miniaturized Bandpass Filters With Transmission Zeros. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 137-146.	4.6	30
7	New Microstrip Cascaded-Quadruplet Bandpass Filter Based on Connected Couplings and Short-Ended Parallel-Coupled Line. IEEE Microwave and Wireless Components Letters, 2014, 24, 2-4.	3.2	26
8	Novel coplanar-waveguide bandpass filters using loaded air-bridge enhanced capacitors and broadside-coupled transition structures for wideband spurious suppression. IEEE Transactions on Microwave Theory and Techniques, 2006, 54, 3359-3369.	4.6	22
9	New Coupling Scheme for Microstrip Bandpass Filters With Quarter-Wavelength Resonators. IEEE Transactions on Microwave Theory and Techniques, 2008, 56, 2930-2935.	4.6	22
10	STOPBAND-EXTENDED BALANCED FILTERS USING BOTH λ/4 AND λ/2 SIRS WITH COMMON-MODE SUPPRESSION AND IMPROVED PASSBAND SELECTIVITY. Progress in Electromagnetics Research, 2012, 128, 215-228.	4.4	18
11	Coupled-Line Filters With Stub-Embedded Resonators Using Accurate Admittance-Transformer Feeds for Flexible Terminations. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 2911-2922.	4.6	17
12	Tunable Wilkinson Power Divider Utilizing Parallel-Coupled-Line-Based Phase Shifters. IEEE Microwave and Wireless Components Letters, 2017, 27, 335-337.	3.2	17
13	Compact Bandpass Filters Based on Dual-Plane Microstrip/Coplanar-Waveguide Structure With Quarter-Wavelength Resonators. IEEE Microwave and Wireless Components Letters, 2007, 17, 178-180.	3.2	16
14	Microstrip Bandpass Filters With Various Resonators Using Connected- and Edge-Coupling Mechanisms and Their Applications to Dual-Band Filters and Diplexers. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 975-988.	4.6	15
15	Design and implementation of planar rectenna for ISM-band application. , 2015, , .		10
16	Bandpass Impedance Transformers With Extremely High Transforming Ratios Using <inline-formula> <tex-math notation="LaTeX">Π </tex-math> </inline-formula>-Tapped Feeds. IEEE Access, 2018, 6, 28193-28202.	4.2	8
17	An Accurate Filtenna Synthesis Approach Based on Load-Resistance Flattening and Impedance-Transforming Tapped-Feed Techniques. IEEE Access, 2018, 6, 24568-24581.	4.2	6
18	Microstrip bandpass filters with dissimilar resonators for suppression of spurious responses. , 2005, , .		4

#	Article	IF	Citations
19	Dual Quarter-Wavelength Hairpin Bandpass Filter with Multiple Transmission Zeros. , 2006, , .		4
20	A compact CMOS single-ended-to-balanced bandpass filter in millimeter-wave band. , 2017, , .		4
21	Improved Combline Bandpass Filter with Multiple Transmission Zeros. , 2007, , .		3
22	A Dual-Phase-Term Tracking Method for FMCW Ranging Radar With Elimination of Nonlinear Frequency Chirping and Range Ambiguity. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 5116-5125.	4.6	3
23	Compact bandpass filters based on microstrip and coplanar waveguide resonators. , 2006, , .		2
24	Composite right/left‐handed band‐pass filters with wide fractional bandwidth based on dual‐metal‐plane structure. Microwave and Optical Technology Letters, 2010, 52, 1810-1813.	1.4	2
25	Microstrip branch-line coupler with optimized spurious suppression based on cascaded PI-type equivalent transmission lines. , 2014, , .		2
26	Harmonic radar using multiple receivers and angle of arrival positioning technique for environment with obstacles. , 2015, , .		2
27	Bow-tie antenna fed by microstrip balun filter with designable bandwidth and extended stopband. , 2015, , .		2
28	Widening the Data Pipeline: A Carrier Aggregation BAW Quadplexer Module. IEEE Microwave Magazine, 2018, 19, 62-69.	0.8	2
29	Miniaturized microstrip interlocked-coupled bandpass filters using folded quarter-wavelength resonators. , 2006, , .		1
30	Dual-plane direct-coupled bandpass filters with open-ended stubs based on CRLH zeroth-order resonators. , 2013, , .		1
31	Microstrip balanced filter using interlocked half/quarter-wave resonators with improved CMRR by reducing the common-mode coupling. , 2016, , .		1
32	Effects of Large Angle of Incidence in Offset-Fed Reflectarray Antennas. , 2019, , .		1
33	A courseware about microwave antenna pattern. , 2015, , .		0
34	Compat wireless energy harvesting rectenna and measurement configuration with multiple continuous-wave transmitters. , 2016, , .		0
35	Microstrip balanced filter and balun filter incorporating edge couplings and connected couplings based on artificial transmission lines. , 2017, , .		0
36	Wide-Stopband Filtering Transformers for Antennas with Flexible Input Impedance. , 2018, , .		0

#	Article	IF	Citations
37	Determination of the Phase Center of Sensing Radars Based on Elliptic Phase-Contour Fitting Method. , 2018, , .		0
38	Efficient Phase Center Estimation Method for OTA Beamforming Characterization. , 2019, , .		0