

Pedro Cheong

List of Publications by Year in descending order

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36
papers

586
citations

759233

12
h-index

713466

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36
all docs

36
docs citations

36
times ranked

549
citing authors

#	ARTICLE	IF	CITATIONS
1	A ZigBee-Based Wireless Sensor Network Node for Ultraviolet Detection of Flame. IEEE Transactions on Industrial Electronics, 2011, 58, 5271-5277.	7.9	99
2	Miniaturized parallel coupled-line bandpass filter with spurious-response suppression. IEEE Transactions on Microwave Theory and Techniques, 2005, 53, 1810-1816.	4.6	72
3	A Highly Integrated Antenna-Triplexer With Simultaneous Three-Port Isolations Based on Multi-Mode Excitation. IEEE Transactions on Antennas and Propagation, 2015, 63, 363-368.	5.1	60
4	A novel microstrip square-loop dual-mode bandpass filter with simultaneous size reduction and spurious response suppression. IEEE Transactions on Microwave Theory and Techniques, 2006, 54, 2033-2041.	4.6	52
5	A Compact Microstrip Square-Loop Dual-Mode Balun-Bandpass Filter With Simultaneous Spurious Response Suppression and Differential Performance Improvement. IEEE Microwave and Wireless Components Letters, 2011, 21, 77-79.	3.2	52
6	Design of Dual-Band Bandpass Filters With Fixed and Reconfigurable Bandwidths Based on Terminated Cross-Shaped Resonators. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 317-321.	3.0	51
7	Yagi-Uda Antenna for Multiband Radar Applications. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1065-1068.	4.0	32
8	Planar Endfire Circularly Polarized Antenna for Low Profile Handheld RFID Reader. IEEE Journal of Radio Frequency Identification, 2018, 2, 15-22.	2.3	22
9	Wideband bandpass filters with reconfigurable bandwidth and fixed notch bands based on terminated cross-shaped resonator. IET Microwaves, Antennas and Propagation, 2019, 13, 796-803.	1.4	17
10	An Angular Displacement Sensor Based on Microstrip Wideband Impedance Transformer With Quasi-Chebyshev Frequency Response. IEEE Sensors Journal, 2020, 20, 4200-4206.	4.7	15
11	Miniaturized Parallel Coupled-Line Filter-Antenna With Spurious Response Suppression. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 726-729.	4.0	14
12	Differential Permittivity Sensor Using Microstrip Terminated Cross-Shaped Resonator Structure for Material Characterization. IEEE Access, 2019, 7, 101960-101968.	4.2	12
13	Realization of Extremely High and Low Impedance Transforming Ratios Using Cross-Shaped Impedance Transformer. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1189-1193.	3.0	11
14	Compact Wilkinson power divider with simultaneous bandpass response and harmonic suppression. , 2010, , .		9
15	Full-Range CSRR-Based Angular Displacement Sensing With Multiport Interferometric Platform. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 4813-4821.	4.6	7
16	Compendious Concurrent Dual-Band Receiver Based on Multiport Interferometric Architecture. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3388-3398.	4.6	7
17	Flood monitoring of distribution substation in low-lying areas using Wireless Sensor Network. , 2011, , .		6
18	Design and analysis of defected ground structure transformer for dual-band antenna. Journal of Engineering, 2014, 2014, 612-617.	1.1	6

#	ARTICLE	IF	CITATIONS
19	Defected Ground Structure of UWB Chipless RFID Tag for FMCW Radar. , 2018, , .		5
20	Defected Ground Structure With Half-Wavelength Spiral Resonator of Ultrawide Band Chipless RFID Tag. IEEE Journal of Radio Frequency Identification, 2019, 3, 121-126.	2.3	5
21	Design of Wideband Bandpass Filter With Simultaneous Bandwidth and Notch Tuning Based on Dual Cross-Shaped Resonator. IEEE Access, 2020, 8, 27038-27046.	4.2	5
22	Design of UWB Chipless RFID Tag using Microstrip and Slot Cross-shaped Resonators. , 2018, , .		4
23	A Novel Microstrip Bandpass Filter Design using Asymmetric Parallel Coupled-Line. , 0, , .		3
24	Micro strip dual-mode bandpass filter design with simultaneous size reduction & spurious response suppression. , 2005, , .		3
25	A tunable antenna-filter module for simultaneous UHF RFID-based power facility monitoring and partial discharge measurement. , 2010, , .		3
26	Short Range FMCW Radar for Velocity and Range Detection of Slow Moving Target. , 2018, , .		3
27	Reconfigurable Wideband Bandpass Filters based on Dual Cross-Shaped Resonator. , 2019, , .		3
28	An Ingenious Multiport Interferometric Front-End for Concurrent Dual-Band Transmission. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 1725-1731.	4.6	3
29	Performance analysis on wireless communication system with harmonic frequency channels concept. , 2013, , .		2
30	Differential microstrip bandpass filter with dual-band responses using parallel-coupled line structure. , 2012, , .		1
31	Nonlinear Communication System With Harmonic Diversity. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 4130-4149.	4.6	1
32	Tilted bi-sense circularly-polarized antenna and its application for radio frequency identification system. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22198.	1.2	1
33	Novel speech spectra all-pole modelling based upon selective even-samples linear prediction. , 0, , .		0
34	Compact microstrip square-loop dual-mode bandpass filter design with wideband response. , 2008, , .		0
35	Analysis of isolation bandwidth of miniaturized Wilkinson power divider. , 2017, , .		0
36	Radar Based Object Recognition with Convolutional Neural Network. , 2019, , .		0