

# Kambiz Afrooz

## List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Method for Time-Domain Analysis of Lossy Nonuniform Multiconductor Transmission Line Driven by a Modulated Signal Using FDTD Technique. IEEE Transactions on Electromagnetic Compatibility, 2012, 54, 482-494.	2.2	59
2	Miniaturised equal/unequal SIW power divider with bandpass response loaded by CSRRs. Electronics Letters, 2016, 52, 1864-1866.	1.0	39
3	TIME DOMAIN ANALYSIS OF ACTIVE TRANSMISSION LINE USING FDTD TECHNIQUE (APPLICATION TO) Tj ETQq1 1 0.784314 4.4 38 BT /Over	4.4	38
4	Miniaturization of substrate integrated waveguide filters using novel compact metamaterial unit-cells based on SIR technique. AEU - International Journal of Electronics and Communications, 2018, 84, 62-73.	2.9	33
5	Four-Way Filtering Power Divider Using SIW and Eighth-Mode SIW Cavities With Ultrawide Out-of-Band Rejection. IEEE Microwave and Wireless Components Letters, 2019, 29, 586-588.	3.2	32
6	Compact bandpass filter based on SIW loaded by open complementary split-ring resonators. International Journal of RF and Microwave Computer-Aided Engineering, 2016, 26, 674-682.	1.2	24
7	Compact power divider based on half mode substrate integrated waveguide (HMSIW) with arbitrary power dividing ratio. International Journal of Microwave and Wireless Technologies, 2017, 9, 515-521.	1.9	18
8	Miniaturized filtering SIW power divider with arbitrary power-dividing ratio loaded by open complementary split-ring resonators. International Journal of Microwave and Wireless Technologies, 2017, 9, 1827-1832.	1.9	18
9	Gysel power divider with efficient second and third harmonic suppression using one resistor. AEU - International Journal of Electronics and Communications, 2018, 89, 116-122.	2.9	16
10	Super compact dual-band substrate integrated waveguide filters and filtering power dividers based on evanescent-mode technique. AEU - International Journal of Electronics and Communications, 2020, 125, 153348.	2.9	13
11	Time-domain analysis of lossy active transmission lines using FDTD method. AEU - International Journal of Electronics and Communications, 2009, 63, 168-178.	2.9	12
12	Time domain analysis of field effect transistors using unconditionally stable finite difference method. IET Science, Measurement and Technology, 2016, 10, 686-692.	1.6	12
13	The effect of magnetic field and operating parameters on cathodic copper winning in electrowinning process. Chemical Engineering Science, 2019, 199, 1-19.	3.8	12
14	A novel super compact half-mode substrate-integrated waveguide filter using modified complementary split-ring resonator. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21709.	1.2	11
15	Broadband bandpass filter and filtering power divider with enhanced slow-wave effect, compact size, and wide stopband based on butterfly-shaped spoof SPPs. AEU - International Journal of Electronics and Communications, 2022, 145, 154084.	2.9	10
16	Measuring the dielectric properties of date palm fruit, date palm leaflet, and Dubas bug at radio and microwave frequency using two-port coaxial transmission/reflection line technique. Biosystems Engineering, 2019, 181, 73-85.	4.3	9
17	Compact metamaterial unit-cell based on stepped-impedance resonator technique and its application to miniaturize substrate integrated waveguide filter and diplexer. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21537.	1.2	9
18	Ultracompact two-way and four-way SIW/HMSIW power dividers loaded by complementary split-ring resonators. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21878.	1.2	8

#	ARTICLE	IF	CITATIONS
19	Compact filtering power divider based on corrugated third-order mode circular SIW cavities. <i>Microwave and Optical Technology Letters</i> , 2020, 62, 1900-1905.	1.4	8
20	Bandwidth enhancement of a half-mode substrate integrated waveguide filtering power divider using spoof surface plasmon polariton. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 025103.	2.8	8
21	Finite difference time domain analysis of extended composite right/left-handed transmission line equations. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2014, 24, 68-76.	1.2	7
22	Unconditionally stable finite-difference time-domain algorithm for analysing composite right/left-handed transmission line. <i>IET Microwaves, Antennas and Propagation</i> , 2016, 10, 339-346.	1.4	6
23	Matrix Power Amplifier With Open-Circuit Composite Right-/Left-Handed Transmission Line. <i>IEEE Microwave and Wireless Components Letters</i> , 2019, 29, 231-233.	3.2	6
24	Compact reconfigurable triple-mode triple-band substrate integrated waveguide bandpass filter. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020, 30, e22099.	1.2	5
25	Broadband bandpass filter using open complementary split ring resonator based on metamaterial unit-cell concept. <i>Microwave and Optical Technology Letters</i> , 2012, 54, 2832-2835.	1.4	4
26	Substrate Integrated Waveguide (SIW) Filtering Power Divider/Combiner with High Selectivity. <i>Wireless Personal Communications</i> , 2017, 97, 1117-1127.	2.7	4
27	Active Dual-Band Power Divider and Active Quad-Plexer Based on Traveling Wave Amplification and D-CRLH Transmission Line. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020, 67, 480-484.	3.0	4
28	Dual extended composite right/left-handed transmission line metamaterial. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2018, 28, e21247.	1.2	3
29	Four-way Gysel power divider/combiner with back-to-back configuration for dual-band operation. <i>International Journal of Microwave and Wireless Technologies</i> , 2018, 10, 265-270.	1.9	3
30	Fast method for analysing nonlinear composite right/left-handed transmission lines based on finite-difference time-domain method. <i>IET Microwaves, Antennas and Propagation</i> , 2019, 13, 127-133.	1.4	3
31	Compact narrow band-pass filter based on alternate right/left handed transmission line concept. <i>Analog Integrated Circuits and Signal Processing</i> , 2020, 103, 315-323.	1.4	3
32	Gradient and Huygens's Metasurface Design and Analysis Based on Transmission Line Theory. <i>IEEE Transactions on Antennas and Propagation</i> , 2020, 68, 6752-6763.	5.1	3
33	A 10:1 unequal gysel power divider/combiner. <i>Microwave and Optical Technology Letters</i> , 2016, 58, 2689-2692.	1.4	2
34	Power Divider/Combiner using Half-Mode Substrate Integrated Waveguide (HMSIW) Technology with High Power and High Isolation. <i>IETE Journal of Research</i> , 2017, 63, 558-564.	2.6	2
35	Wideband compact phase shifter based on hybrid half-mode substrate integrated waveguide and spoof surface plasmon polariton. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 155203.	2.8	2
36	Comments on "Modified Gysel Power Divider for Dual-Band Applications". <i>IEEE Microwave and Wireless Components Letters</i> , 2017, 27, 204-206.	3.2	1

#	ARTICLE	IF	CITATIONS
37	A New Low-Power and High-Linearity CMOS Bulk-Injection Mixer in $0.13 \mu\text{m}$ Technology. , 2018, , .		1
38	Time-domain analysis of extended composite right/left handed transmission line excited by modulated signal using unconditionally stable FDTD algorithm. IET Science, Measurement and Technology, 2018, 12, 785-794.	1.6	1
39	Fishbone substrate integrated waveguide structures. AEU - International Journal of Electronics and Communications, 2019, 107, 177-182.	2.9	1
40	Fast Methodology for Time-Domain Analysis of Nonlinear-Loaded Transmission Line Excited by an Arbitrary Modulated Signal. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2020, 39, 670-674.	2.7	1
41	Fully distributed analysis of an improved single pole single throw traveling wave switches. , 2013, , .		0
42	Frugal Sampling Method for Analysis of Modulating Pulses in Nonlinear-loaded Transmission Lines at mm-wave Frequency. , 2018, , .		0
43	High gain dual-band distributed amplifier using new composite right/left-handed transmission line. International Journal of Microwave and Wireless Technologies, 2018, 10, 1118-1127.	1.9	0
44	Dual-band distributed amplifier with new DRCRLH transmission line. International Journal of RF and Microwave Computer-Aided Engineering, 2018, 28, e21418.	1.2	0
45	A modified composite right/left-handed unit cell for multiband applications. Microwave and Optical Technology Letters, 2021, 63, 2699-2703.	1.4	0
46	Simultaneous time domain nonlinear EMS analysis of a LNA complete circuit illuminated by an interfering pulse using 3D-FDTD method. AEU - International Journal of Electronics and Communications, 2022, 147, 154145.	2.9	0