Tayfun Nesimoglu

List of Publications by Year
in descending order

46	287	1478505 6	1125743 13
papers	citations	h-index	g-index

46	46	46	249
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Multi-Box Behavioural Mixer Model and its Validation using Measurements. , 2019, , .		6
2	Broadband analogue predistortion using a distortion generator based on two-stage RF mixer topology. International Journal of Electronics, 2018, 105, 1185-1199.	1.4	1
3	Microwave Engineering Expertise in Turkey [Around the Globe]. IEEE Microwave Magazine, 2018, 19, 135-140.	0.8	0
4	Design of a Multi-Layer Beam-Steering WLAN Antenna. , 2018, , .		1
5	Wireless Monitoring of ECG Signal in Infants Using SWM and DWT Techniques. , 2018, , .		0
6	Broadband Impedance Transformation by Defected Dielectric on Microstrip Lines. , 2018, , .		2
7	Microwave Energy Harvesting by Using a Broadband Fractal Antenna and a Dual-Band Rectifier. , 2018, , .		0
8	Frequency Modulated Continuous Wave Radar for Range Detection. , 2018, , .		1
9	Design and Development of a Low Cost Device for Bone Fracture Detection Using FFT Technique on MATLAB. , 2018, , .		2
10	ZIGBEE Based Time and Energy Efficient Smart Parking System Using IOT. , 2018, , .		24
11	Wideband Quarter Wave Transformer Based on Defected Ground and Split Ring Resonator Structures. , 2018, , .		2
12	Investigation of electromagnetic energy harvesting by using fractal antenna. , 2017, , .		2
13	A Wideband Fractal Antenna and Comparison of RF Rectifiers for Electromagnetic Energy Harvesting. , 2017, , .		0
14	A frequency tunable metamaterial resonator using varactor diodes. , 2016, , .		4
15	Impact of defected ground structures on the bandwidth of quarter wave impedance transformers and branch line hybrids. International Journal of RF and Microwave Computer-Aided Engineering, 2016, 26, 311-316.	1.2	4
16	A Tunable Metamaterial Resonator Using Varactor Diodes to Facilitate the Design of Reconfigurable Microwave Circuits. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 89-93.	3.0	43
17	Design and characterization of a resonator-based metamaterial and its sensor application using microstrip technology. Optical Engineering, 2016, 55, 027107.	1.0	26
18	Impact of defected ground structures on the bandwidth of branch line hybrids. , 2015, , .		0

#	Article	IF	Citations
19	Tuning the electric resonance of a metamaterial based single-sided S-Shaped resonator. , 2014, , .		3
20	Characterization of metamaterials using a new design and measurement technique for microstrip circuit applications. , 2014, , .		1
21	Design of tunable amplifier using digital capacitors. , 2014, , .		0
22	A frequency tunable broadband amplifier utilizing tunable capacitors and inductors. , 2013, , .		1
23	An eclectic approach to design tunable amplifiers. International Journal of RF and Microwave Computer-Aided Engineering, 2013, 23, 444-451.	1.2	5
24	A tunable inductance topology to realize frequency tunable matching networks and amplifiers. , 2013, , .		1
25	A study on RF/microwave tunable inductor topologies. , 2013, , .		7
26	Power efficient linear transmitters using sigma-delta modulation with switching amplifiers. Turkish Journal of Electrical Engineering and Computer Sciences, 2013, 21, 2153-2167.	1.4	0
27	Impact of second harmonic injection on the linearity and linear gain of RF/microwave amplifiers. International Journal of Electronics, 2013, 100, 72-93.	1.4	6
28	Design and investigation of 12–50 Ohm tunable microstrip impedance transforming filter. , 2013, , .		0
29	Dynamic range enhancements in radio receivers by means of frequency retranslation. IET Microwaves, Antennas and Propagation, 2012, 6, 489.	1.4	3
30	Ultra wideband square planar monopole antenna with V-shaped coupling elements. , 2011, , .		2
31	Design and Analysis of Frequency-Tunable Amplifiers using Varactor Diode Topologies. Circuits, Systems, and Signal Processing, 2011, 30, 705-720.	2.0	14
32	A review of Software Defined Radio enabling technologies. , 2010, , .		7
33	A frequency tunable amplifier for DCS-1800, PCS-1900, DECT and UMTS. , 2010, , .		1
34	Broadband signal search and direction finding at UHF frequencies. , 2010, , .		1
35	Interference suppression in radio receivers by using frequency retranslation. , 2009, , .		5
36	The performance and efficiency of envelope elimination and restoration transmitters for future multiple-input multiple-output wireless local area networks. IET Communications, 2008, 2, 473.	2.2	12

#	Article	IF	Citations
37	Wide tuning-range planar filters using lumped-distributed coupled resonators. IEEE Transactions on Microwave Theory and Techniques, 2005, 53, 777-785.	4.6	43
38	Tunable lumped-distributed capacitively-coupled transmission-line filter. Electronics Letters, 2004, 40, 434.	1.0	4
39	Linearised mixer using frequency retranslation. Electronics Letters, 2001, 37, 1493.	1.0	18
40	Analysis and performance of simple active feedback linearisation scheme. Electronics Letters, 2000, 36, 703.	1.0	5
41	An active feedback for wideband amplifier linearization. , 2000, , .		1
42	Second harmonic injecting technique for low intermodulation RF-microwave amplifiers. , 0, , .		6
43	Second harmonic zone injection for amplifier linearisation. , 0, , .		4
44	A broadband polynomial predistorter for reconfigurable radio. , 0, , .		11
45	Mixer linearisation for software defined radio applications. , 0, , .		4
46	Improved EER transmitters for WLAN. , 0, , .		4