

Metin Sengul

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Design of Practical Matching Networks With Lumped Elements Via Modeling. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2007, 54, 1829-1837.	0.1	33
2	Broadband Decoupling and Matching of a Superdirective Two-Port Antenna Array. IEEE Antennas and Wireless Propagation Letters, 2008, 7, 613-616.	4.0	29
3	Transitional Butterworth-Chebyshev filters. IEEE Transactions on Circuit Theory, 1971, 18, 413-415.	0.6	27
4	Design of Practical Broadband Matching Networks With Lumped Elements. IEEE Transactions on Circuits and Systems II: Express Briefs, 2013, 60, 552-556.	3.0	13
5	Design of distributed-element RF filters via reflectance data modeling. AEU - International Journal of Electronics and Communications, 2008, 62, 483-489.	2.9	9
6	Synthesis of Cascaded Lossless Commensurate Lines. IEEE Transactions on Circuits and Systems II: Express Briefs, 2008, 55, 89-91.	3.0	9
7	Design of Practical Broadband Matching Networks With Mixed Lumped and Distributed Elements. IEEE Transactions on Circuits and Systems II: Express Briefs, 2014, 61, 875-879.	3.0	8
8	Construction of Lossless Ladder Networks With Simple Lumped Elements Connected Via Commensurate Transmission Lines. IEEE Transactions on Circuits and Systems II: Express Briefs, 2009, 56, 1-5.	3.0	7
9	Design of broadband single matching networks. AEU - International Journal of Electronics and Communications, 2009, 63, 153-157.	2.9	5
10	A single matching network design for a double band PIFA antenna via simplified real frequency technique. , 2006, , .		4
11	Modeling based real frequency technique. AEU - International Journal of Electronics and Communications, 2008, 62, 77-80.	2.9	4
12	Broadband Equalizer Design with Commensurate Transmission Lines via Reflectance Modeling. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2008, E91-A, 3763-3771.	0.3	4
13	A broadband microwave amplifier design by means of immittance based data modelling tool. , 0, , .		3
14	Reflectance-Based Foster Impedance Data Modeling. Frequenz, 2007, 61, .	0.9	3
15	Design of broadband microwave amplifiers with mixed-elements via reflectance data modeling. AEU - International Journal of Electronics and Communications, 2008, 62, 132-137.	2.9	3
16	Cascaded lossless commensurate line synthesis. , 2009, , .		3
17	Design of practical broadband matching networks with commensurate transmission lines. AEU - International Journal of Electronics and Communications, 2013, 67, 676-680.	2.9	3
18	Broadband Matching via Unequal Length Cascaded Transmission Lines. Journal of Circuits, Systems and Computers, 2017, 26, 1750070.	1.5	3

#	ARTICLE	IF	CITATIONS
19	Broadband impedance matching via lossless unsymmetrical lattice networks. AEU - International Journal of Electronics and Communications, 2012, 66, 76-79.	2.9	2
20	Broadband matching via reflection function optimization. International Journal of Circuit Theory and Applications, 2017, 45, 133-140.	2.0	2
21	High-pass/low-pass section design for 0° - 360° lumped-element phase shifters via the real frequency technique. Turkish Journal of Electrical Engineering and Computer Sciences, 2017, 25, 1922-1931.	1.4	2
22	Explicit solutions of two-variable scattering equations describing lossless low-pass two-ports with mixed lumped and distributed elements. International Journal of Circuit Theory and Applications, 2019, 47, 1963-1969.	2.0	2
23	Analysis of Mixed-Element Structures Formed With Shunt Capacitors Separated by Transmission Lines. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1331-1335.	3.0	2
24	Modified Q -Based Real Frequency Design of Narrowband Impedance Equalizer with Complex Terminations. Journal of Circuits, Systems and Computers, 2019, 28, 1950183.	1.5	2
25	Solution of Lossless Broadband Matching Problems via Insertion Loss Method. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 3236-3240.	3.0	2
26	Narrower Band Matching with Low Quality Factor Values. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, , 1-1.	3.0	2
27	Reflectance data model with mixed lumped and distributed elements for wireless communication systems. , 0, , .		1
28	Explicit Synthesis Formulae for Cascaded Lossless Commensurate Lines. Frequenz, 2008, 62, .	0.9	1
29	Analytic solution of the Feldtkeller equation. AEU - International Journal of Electronics and Communications, 2009, 63, 632-637.	2.9	1
30	Shifted-Modified Chebyshev Filters. Turkish Journal of Electrical Engineering and Computer Sciences, 2013, , .	1.4	1
31	Transitional Butterworth-Chebyshev Filters. , 2018, , .		1
32	Design of Phase Shifters with Ladder Stubs Via Real Frequency Technique. Journal of Circuits, Systems and Computers, 2020, , 2150112.	1.5	1
33	Mixed Element Networks with Series Capacitors Separated by Unit Elements. Journal of Circuits, Systems and Computers, 2021, 30, 2150125.	1.5	1
34	Component value calculations in a mixed element ladder network containing series capacitors separated by unit elements. International Journal of Circuit Theory and Applications, 0, , .	2.0	1
35	Circuit model for given reflectance data constructed with mixed lumped and distributed elements for high speed/high frequency communication systems. , 2005, , .		0
36	Design of mixed-element networks via modeling. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
37	Genetic algorithm based broadband equalizer design with ripple level control. , 2012, , .		0
38	Broadband single matching with lumped elements. , 2015, , .		0
39	Broadband Microwave Amplifier Design with Lumped Elements. Frequenz, 2016, 70, .	0.9	0
40	Reflection Modeling Based Broadband Matching Network Design. Frequenz, 2017, 71, .	0.9	0
41	Phase Shifting Properties of High-Pass and Low-Pass Mixed-Element Two-Ports. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1208-1212.	3.0	0
42	Analysis and Optimization of Matching Networks-II. Signals and Communication Technology, 2008, , 293-303.	0.5	0