

Abdullah Yesil

List of Publications by Year in descending order

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48
papers

1,097
citations

471061

17
h-index

433756

31
g-index

48
all docs

48
docs citations

48
times ranked

314
citing authors

#	ARTICLE	IF	CITATIONS
1	A new DDCC based memristor emulator circuit and its applications. <i>Microelectronics Journal</i> , 2014, 45, 282-287.	1.1	148
2	Positive/negative lossy/lossless grounded inductance simulators employing single VDCC and only two passive elements. <i>AEU - International Journal of Electronics and Communications</i> , 2014, 68, 73-78.	1.7	101
3	Memristor emulator with tunable characteristic and its experimental results. <i>AEU - International Journal of Electronics and Communications</i> , 2017, 81, 99-104.	1.7	98
4	A new grounded memristor emulator based on MOSFET-C. <i>AEU - International Journal of Electronics and Communications</i> , 2018, 91, 143-149.	1.7	64
5	The Fabrication and MOSFET-Only Circuit Implementation of Semiconductor Memristor. <i>IEEE Transactions on Electron Devices</i> , 2018, 65, 1625-1632.	1.6	61
6	Lossless grounded inductance simulator employing single VDBA and its experimental band-pass filter application. <i>AEU - International Journal of Electronics and Communications</i> , 2014, 68, 143-150.	1.7	59
7	Novel grounded parallel inductance simulators realization using a minimum number of active and passive components. <i>Microelectronics Journal</i> , 2010, 41, 632-638.	1.1	52
8	Design and Experimental Evolution of Memristor With Only One VDTA and One Capacitor. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2019, 38, 1123-1132.	1.9	51
9	Electronically tunable memristor based on VDCC. <i>AEU - International Journal of Electronics and Communications</i> , 2019, 107, 282-290.	1.7	45
10	An electronically controllable, fully floating memristor based on active elements: DO-OTA and DVCC. <i>AEU - International Journal of Electronics and Communications</i> , 2020, 123, 1533-15.	1.7	34
11	Grounded capacitance multipliers based on active elements. <i>AEU - International Journal of Electronics and Communications</i> , 2017, 79, 243-249.	1.7	31
12	Voltage mode universal filters employing single FDCCII. <i>Analog Integrated Circuits and Signal Processing</i> , 2010, 63, 137-142.	0.9	29
13	Electronically Controllable Memcapacitor Circuit With Experimental Results. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021, 68, 1443-1447.	2.2	22
14	FDCCII-based FDNR simulator topologies. <i>International Journal of Electronics</i> , 2012, 99, 285-293.	0.9	20
15	Current mode single-input multi-output MOSFET-only filter. <i>AEU - International Journal of Electronics and Communications</i> , 2017, 80, 157-164.	1.7	20
16	Floating Memristor Employing Single MO-OTA with Hard-Switching Behavior. <i>Journal of Circuits, Systems and Computers</i> , 2019, 28, 1950026.	1.0	19
17	A New Floating Memristor Based on CBTA with Grounded Capacitors. <i>Journal of Circuits, Systems and Computers</i> , 2019, 28, 1950217.	1.0	19
18	New simple transistor realizations of second-generation voltage conveyor. <i>International Journal of Circuit Theory and Applications</i> , 2020, 48, 2023-2038.	1.3	18

#	ARTICLE	IF	CITATIONS
19	Electronically controllable bandpass filters with high quality factor and reduced capacitor value: An additional approach. AEU - International Journal of Electronics and Communications, 2016, 70, 936-943.	1.7	17
20	Inverting voltage buffer based lossless grounded inductor simulators. AEU - International Journal of Electronics and Communications, 2018, 83, 131-137.	1.7	16
21	FDCCII-based electronically tunable voltage-mode biquad filter. International Journal of Circuit Theory and Applications, 2012, 40, 377-383.	1.3	15
22	Band-pass filter with high quality factor based on current differencing transconductance amplifier and current amplifier. AEU - International Journal of Electronics and Communications, 2017, 75, 63-69.	1.7	15
23	Design and Experimental Evaluation of Quadrature Oscillator Employing Single FB-VDBA. Journal of Electrical Engineering, 2016, 67, 137-142.	0.4	14
24	Investigation of STDP mechanisms for memristor circuits. AEU - International Journal of Electronics and Communications, 2022, 151, 154230.	1.7	13
25	Fractional-Order and Power-Law Shelving Filters: Analysis and Design Examples. IEEE Access, 2021, 9, 145977-145987.	2.6	11
26	Implementation of a memristor-based 4D chaotic oscillator and its nonlinear control. Analog Integrated Circuits and Signal Processing, 2022, 110, 91-104.	0.9	11
27	Novel First Order Current Mode MOS-C Phase Shifters. Elektronika Ir Elektrotechnika, 2018, 24, .	0.4	10
28	Electronically tunable MOSFET-only current-mode biquad filter. AEU - International Journal of Electronics and Communications, 2017, 81, 227-235.	1.7	9
29	Operational Transconductance Amplifier-Based Electronically Controllable Memcapacitor and Meminductor Emulators. Journal of Circuits, Systems and Computers, 2021, 30, .	1.0	8
30	New differential difference stage and its application to band-pass filter at 10.7 MHz with high quality factor. AEU - International Journal of Electronics and Communications, 2017, 79, 74-82.	1.7	7
31	High-order realisation of MOSFET-only band-pass filters for RF applications. IET Circuits, Devices and Systems, 2018, 12, 467-477.	0.9	7
32	± 0.45 V CMOS Second-Generation Voltage Conveyor Based on Super Source Follower. Circuits, Systems, and Signal Processing, 2022, 41, 1819-1833.	1.2	7
33	DDCC-based meminductor circuit with hard and smooth switching behaviors and its circuit implementation. Microelectronics Journal, 2022, 125, 105462.	1.1	7
34	Design of Memristor with Hard-Switching Behavior Employing Only One CCCII and One Capacitor. Journal of Circuits, Systems and Computers, 2021, 30, 2150151.	1.0	6
35	VDBA-based lossless and lossy inductance simulators and its filter applications. , 2016, , .		5
36	First-order inverse filters: Implementations using a single voltage conveyor and potential applications. International Journal of Circuit Theory and Applications, 2022, 50, 3704-3714.	1.3	5

#	ARTICLE	IF	CITATIONS
37	Emulator Circuits and Resistive Switching Parameters of Memristor. , 0, , .		4
38	A current-mode MOSFET-based analog filter for the high-frequency band applications. International Journal of Circuit Theory and Applications, 2021, 49, 890-908.	1.3	4
39	Memcapacitor emulator using VDTA-memristor. Analog Integrated Circuits and Signal Processing, 2022, 110, 361-370.	0.9	4
40	4th order current-mode and transresistance-mode MOSFET-C low-pass filter for multi-standard receivers. Microelectronics Journal, 2021, 115, 105159.	1.1	3
41	Current and Voltage Mode Quadrature Oscillator Based on Voltage Differencing Buffered Amplifier. Istanbul University - Journal of Electrical and Electronics Engineering, 2018, 18, 6-12.	0.2	2
42	Controlling a 4D Chaotic Oscillator with a Quadratic Memductance and Its Implementation. Journal of Circuits, Systems and Computers, 0, , .	1.0	2
43	A New Method for Increasing Quality Factor in Active Filters. Journal of Circuits, Systems and Computers, 2017, 26, 1750140.	1.0	1
44	Neuron Circuit Based on CCII, 2018, , .		1
45	MOSFET-based grounded active inductors with electronically tunable properties. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22274.	0.8	1
46	Yapay Sinir Ağları Yöntemi ile İkinci Kuşak Aktif Taayaylı Performans Parametrelerinin Tahmin Edilmesi. Mühendislik Bilimleri Ve Araştırmalar Dergisi, 2019, 1, 13-23.	0.3	1
47	An Electronically Controllable Voltage-Mode MOSFET-Only Single-Input Dual-Output Filter. Journal of Circuits, Systems and Computers, 2019, 28, 1950222.	1.0	0
48	A floating CCCII and DDCC based memcapacitor circuit with electronically controllable behavior. Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2022, 15, 93-105.	0.1	0