Bilgin Metin

List of Publications by Year
in descending order

66 papers	742 citations	567281 15 h-index	610901 24 g-index
66 all docs	66 docs citations	66 times ranked	194 citing authors

#	Article	IF	Citations
1	MOSFET-C transimpedance filters with center frequency tunability feature. International Journal of Electronics, 2023, 110, 496-513.	1.4	2
2	A Hybrid Asset-Based IT Risk Management Framework. , 2022, , 56-76.		0
3	An Overview of the IT Risk Management Methodologies for Securing Information Assets. Advances in Logistics, Operations, and Management Science Book Series, 2022, , 30-47.	0.4	0
4	MOSFET-C current mode filter for secure communication applications. AEU - International Journal of Electronics and Communications, 2022, 143, 154017.	2.9	3
5	The Role of Edge/Fog Computing Security in IoT and Industry 4.0 Infrastructures. , 2022, , 468-479.		0
6	Enterprise Information Security Awareness and Behavior as an Element of Security Culture During Remote Work. Advances in Business Strategy and Competitive Advantage Book Series, 2021, , 119-138.	0.3	0
7	A Hybrid Asset-Based IT Risk Management Framework. Advances in Business Strategy and Competitive Advantage Book Series, 2021, , 236-253.	0.3	1
8	Transimpedance type MOS-C bandpass analog filter core circuits. Analog Integrated Circuits and Signal Processing, 2021, 106, 543-551.	1.4	6
9	The Role of Edge/Fog Computing Security in IoT and Industry 4.0 Infrastructures. Advances in Library and Information Science, 2021, , 211-222.	0.2	1
10	MOSFET-C Transimpedance Mode Filter. , 2021, , .		0
11	Practical Design of Fractional-Order Resonator for Application in the Multiphase Oscillator. , 2020, , .		1
12	MOS-only voltage-mode all-pass filter core suitable for IC design. AEU - International Journal of Electronics and Communications, 2019, 110, 152834.	2.9	15
13	MOS-Only Current-Mode Analog Signal Processing Functional Cores. , 2019, , .		1
14	Synthesis and Design of Floating Inductance Simulators at VHF-Band Using MOS-Only Approach. , 2019, , .		2
15	Privacy Concerns on Mobile Applications for Google Play Store Market. , 2019, , .		1
16	Transimpedance Type MOS-C Bandpass Filter Cores. , 2019, , .		3
17	Memristor Emulator Applications Using the MOS-Only Technique. , 2018, , .		5
18	A class of MOSFET-C multifunction filters. Analog Integrated Circuits and Signal Processing, 2018, 97, 5-13.	1.4	8

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19	Simple realization of a third order Butterworth filter with MOS-only technique. AEU - International Journal of Electronics and Communications, 2017, 81, 205-208.	2.9	9
20	Supplementary MOS-only butterworth LP BP filter circuits. , 2017, , .		5
21	Current mode MOSFET-only third order Butterworth low pass filter with DTMOS tuning technique. Analog Integrated Circuits and Signal Processing, 2016, 89, 645-654.	1.4	15
22	Assessing cloud computing readiness and adoption. , 2016, , .		0
23	Cloud computing perception and success factors for information technology usage in Turkey. , 2016, , .		0
24	MOS-only third order butterworth filter with DTMOS tuning technique for high frequency applications. , 2015, , .		2
25	Design of current-mode class 1 frequency-agile filter employing CDTAs. , 2015, , .		10
26	MOSFET-only multi-function biquad filter. AEU - International Journal of Electronics and Communications, 2015, 69, 1737-1740.	2.9	35
27	New Current-Mode Class 1 Frequency-Agile Filter for Multi Protocol GPS Application. Elektronika Ir Elektrotechnika, 2015, 21, .	0.8	0
28	All-pass filter application using electronically tunable DDCC. , 2014, , .		3
29	A low power current controllable single-input three-output current-mode filter using MOS transistors only. AEU - International Journal of Electronics and Communications, 2014, 68, 1205-1213.	2.9	48
30	Voltage-mode multifunction filter with mutually independent Q and $$omega _0$$ ï‰ 0 control feature using VDDDAs. Analog Integrated Circuits and Signal Processing, 2014, 81, 53-60.	1.4	20
31	DCCII based inductance simulator circuit with minimum number of element. , 2013, , .		2
32	The VDDDA in multifunction filterwith mutually independent Q and ω<inf>0</inf> control feature. , 2013, , .		4
33	MOS-only second order current-mode LP/BP filter. Analog Integrated Circuits and Signal Processing, 2013, 74, 105-109.	1.4	31
34	High-performance CMOS CCI in a 0.35 $mu $m CMOS technology and a new all-pass filter application. Turkish Journal of Electrical Engineering and Computer Sciences, 2013, 21, 1584-1594.	1.4	2
35	VDDDA - New ‘voltage differencing’ device for analog signal processing. , 2013, , .		17
36	Current- and voltage-mode third-order quadrature oscillator. , 2012, , .		21

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37	A new approach for high-input impedance in voltage mode filters using first-generation current conveyor in place of second-generation current conveyor. International Journal of Electronics, 2012, 99, 131-139.	1.4	8
38	Information systems for electronic education infrastructure. , 2012, , .		1
39	Novel dual-mode electronically tunable all-pass filter using voltage gain-controlled MCFOA. , 2012, , .		2
40	Fully cascadable dual-mode all-pass filter based on single DBTA. , 2012, , .		5
41	Canonical inductor simulators with grounded capacitors using DCCII. International Journal of Electronics, 2012, 99, 1027-1035.	1.4	32
42	High Performance Wideband CMOS CCI and its Application in Inductance Simulator Design. Advances in Electrical and Computer Engineering, 2012, 12, 21-26.	0.9	27
43	Allâ€pass filters using DDCCâ€•and MOSFETâ€based electronic resistor. International Journal of Circuit Theory and Applications, 2011, 39, 881-891.	2.0	19
44	Voltage-mode MOS-only all-pass filter. , 2011, , .		15
45	Novel voltage conveyor with electronic tuning and its application to resistorless all-pass filter. , 2011, , .		8
46	CMOSâ€controlled inverting CDBA with a new allâ€pass filter application. International Journal of Circuit Theory and Applications, 2011, 39, 417-425.	2.0	35
47	A new CMOS dual-X second generation current conveyor (DXCCII) with an FDNR circuit application. AEU - International Journal of Electronics and Communications, 2010, 64, 774-778.	2.9	33
48	Parasitic compensation in CCI-based circuits for reduced power consumption. Analog Integrated Circuits and Signal Processing, 2010, 65, 157-162.	1.4	9
49	NEW ALL-PASS FILTER CIRCUIT COMPENSATING FOR C-CDBA NON-IDEALITIES. Journal of Circuits, Systems and Computers, 2010, 19, 381-391.	1.5	13
50	A new high-performance CMOS fully differential second-generation current conveyor with application example of biquad filter realisation. International Journal of Electronics, 2010, 97, 499-510.	1.4	18
51	Trade-offs in the OTA-based analog filter design. Analog Integrated Circuits and Signal Processing, 2009, 60, 205-213.	1.4	15
52	Cascadable allpass filter with a single DO-CCII and a grounded capacitor. Analog Integrated Circuits and Signal Processing, 2009, 61, 259-263.	1.4	38
53	Dual output filter topology with a single NIC for pole frequency sensitive applications. International Journal of Electronics, 2009, 96, 699-710.	1.4	3
54	Component reduced all-pass filter with a grounded capacitor and high-impedance input. International Journal of Electronics, 2009, 96, 445-455.	1.4	34

#	Article	IF	Citations
55	Voltage mode all-pass filter with a single current differencing buffered amplifier. , 2008, , .		5
56	Tunable all-pass filter with a single inverting voltage buffer. , 2008, , .		5
57	All-pass filter for rich cascadability options easy IC implementation and tunability. International Journal of Electronics, 2007, 94, 1037-1045.	1.4	22
58	DDCC based all-pass filters using minimum number of passive elements. Midwest Symposium on Circuits and Systems, 2007, , .	1.0	8
59	A novel dual output universal filter topology using a single current conveyor. Electrical Engineering, 2007, 89, 563-567.	2.0	10
60	Enhanced dynamic range analog filter topologies with a notch/all-pass circuit example. Analog Integrated Circuits and Signal Processing, 2007, 51, 181-189.	1.4	12
61	Novel Cascadable Allpass Filter with a Grounded Capacitor. Midwest Symposium on Circuits and Systems, 2006, , .	1.0	3
62	A novel floating lossy inductance realization topology with NICs using current conveyors. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2006, 53, 483-486.	2.2	37
63	Comment: Electronically tunable current-mode second-order universal filter using minimum elements. Electronics Letters, 2005, 41, 453.	1.0	7
64	Current-mode Biquadratic Filters using Single CCIII and Minimum Number of Passive Elements. Frequenz, 2004, 58, .	0.9	16
65	A New All-pass Section for High-Performance Signal Processing with a Single CCIIâ€“. Frequenz, 2003, 57, .	0.9	28
66	Tarmy-Ghausi (TG) Circuit Suitable for Higher Frequency of Operation. Frequenz, 2003, 57, .	0.9	1