

R Nandi

List of Publications by Year in descending order

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44
papers

264
citations

1040056

9
h-index

1058476

14
g-index

44
all docs

44
docs citations

44
times ranked

67
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel floating ideal tunable FDNR simulation using current conveyors. IEEE Transactions on Circuits and Systems, 1984, 31, 402-403.	0.9	30
2	Inductor simulation using a current conveyor. Proceedings of the IEEE, 1977, 65, 1511-1512.	21.3	23
3	Wien bridge oscillators using current conveyors. Proceedings of the IEEE, 1977, 65, 1608-1609.	21.3	18
4	True noninverting integrators with single grounded capacitor. Proceedings of the IEEE, 1978, 66, 596-597.	21.3	17
5	Active-R realization of bilinear RL impedances and their applications in a high-Q parallel resonator and external capacitorless oscillator. Proceedings of the IEEE, 1978, 66, 1666-1668.	21.3	17
6	Low sensitivity multifunction active circuits using CFA-based supercapacitor. International Journal of Electronics, 2006, 93, 689-698.	1.4	15
7	Selective Filters and Sinusoidal Oscillators Using CFA Transimpedance Pole. Circuits, Systems, and Signal Processing, 2009, 28, 349-359.	2.0	14
8	NewRCoscillators using current conveyors. International Journal of Electronics, 1977, 42, 309-311.	1.4	13
9	Genetic algorithm based efficient routing scheme for multicast networks. , 0, , .		12
10	Third order lowpass Butterworth filter function realisation using CFA. International Journal of Electronics, 2008, 95, 313-318.	1.4	9
11	Artificial Neural Networks for Cognitive Radio: A Preliminary Survey. , 2012, , .		9
12	Floating lossless immittance functions using DVCCTA. International Journal of Electronics Letters, 2016, 4, 117-126.	1.2	9
13	New RC oscillators with single-element controls. International Journal of Electronics, 1978, 44, 65-78.	1.4	7
14	New grounded-capacitor ideal differentiators. Proceedings of the IEEE, 1979, 67, 685-687.	21.3	7
15	High-selectivity grounded capacitor bandpass/low-pass filters using the operational amplifier pole. Proceedings of the IEEE, 1978, 66, 798-799.	21.3	6
16	Insensitive minimal-RC sinewave generators with single resistor control. , 1982, 4, 11-13.		6
17	Third order lowpass Butterworth filters using unity gain current amplifiers. IEICE Electronics Express, 2009, 6, 1450-1455.	0.8	6
18	New all-pass phase shifters. International Journal of Electronics, 1977, 42, 97-99.	1.4	5

#	ARTICLE	IF	CITATIONS
19	Active-R tunable integrators using a current differencing buffered amplifier. International Journal of Electronics, 2010, 97, 129-137.	1.4	5
20	Electronically tunable immittances with applications to LP, BP, HP filter and VCO implementation. International Journal of Electronics Letters, 2021, 9, 65-75.	1.2	5
21	All-Pass Filter Based Linear Voltage Controlled Quadrature Oscillator. Active and Passive Electronic Components, 2017, 2017, 1-8.	0.3	4
22	Integrable insensitive subaudio-frequency sine-wave generator using DVCVS/DVCCS. Proceedings of the IEEE, 1979, 67, 1568-1569.	21.3	3
23	A high-input impedance inverting/noninverting active gain block. Proceedings of the IEEE, 1979, 67, 690-690.	21.3	3
24	New grounded-capacitor simulation of grounded and floating inductances using DVCCS/dvcvs. International Journal of Circuit Theory and Applications, 1981, 9, 115-117.	2.0	3
25	Voltage controlled integrators/differentiators using current feedback amplifier. , 0, , .		3
26	Lossless inductor using current feedback amplifier. , 0, , .		3
27	Another very low-frequency sinusoid oscillator. International Journal of Electronics, 1977, 43, 197-200.	1.4	2
28	Voltage-tunable immittance functions: Linear voltage-controlled quadrature oscillator implementation. International Journal of Electronics Letters, 2023, 11, 68-79.	1.2	2
29	A Linear VCO Using Single CFA and Analog Multipliers: Quadrature Oscillator Implementation. Journal of Circuits, Systems and Computers, 2022, 31, .	1.5	2
30	New grounded-capacitor realizations of a third-order low-pass butterworth characteristic using the DVCCS/DVCVS. Proceedings of the IEEE, 1979, 67, 1080-1081.	21.3	1
31	New active-R sine wave oscillators: application in high frequency CPFSK wave modulation. International Journal of Electronics, 1991, 70, 139-149.	1.4	1
32	A Route Feedback Based Routing Model for Enhanced QoS in Real Time Ad-Hoc Wireless Networks. , 2006, , .		1
33	FPGA based Smart Card reader. , 2011, , .		1
34	Design and FPGA verification of HF RFID transponder. , 2012, , .		1
35	Identification of spectrum holes using ANN model in TV bands with AWGN. , 2014, , .		1
36	On an Optimally Programmable Sequential Traffic Signalling. IETE Journal of Research, 1974, 20, 521-523.	2.6	0

#	ARTICLE	IF	CITATIONS
37	An improved complementary symmetry differential amplifier. International Journal of Electronics, 1975, 39, 47-59.	1.4	0
38	A new active-R nonideal series resonator and its application in a low-pass filter realization. Proceedings of the IEEE, 1979, 67, 1078-1080.	21.3	0
39	Realization, compensation, and some applications of single-element tunable differential voltage-controlled current source. , 1982, 4, 11-15.		0
40	A novel dual-input tunable integrator. International Journal of Electronics, 1983, 55, 877-879.	1.4	0
41	Design of a microprocessor based radar tracking system using stepper motor. , 0, , .		0
42	Novel second-order current mode filters using CCIs. Journal of Electronics, 1996, 13, 158-163.	0.2	0
43	Notice of Violation of IEEE Publication Principles: Intelligent queue management protocol for TCP traffic over 3G links. , 2005, , .		0
44	An Efficient Time Domain Speech Compression Technique and Hardware Implementation on TMS320C5416 Digital Signal Processor. , 2007, , .		0