

Abhirup Lahiri

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

584
citations

687363

13
h-index

752698

20
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26
all docs

26
docs citations

26
times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel voltage/current-mode quadrature oscillator using current differencing transconductance amplifier. <i>Analog Integrated Circuits and Signal Processing</i> , 2009, 61, 199-203.	1.4	66
2	Realization of electronically tunable voltage-mode/current-mode quadrature sinusoidal oscillator using ZC-CG-CDBA. <i>Microelectronics Journal</i> , 2011, 42, 1116-1123.	2.0	62
3	Resistorless dual-mode quadrature sinusoidal oscillator using a single active building block. <i>Microelectronics Journal</i> , 2011, 42, 135-140.	2.0	60
4	New current-mode quadrature oscillators using CDTA. <i>IEICE Electronics Express</i> , 2009, 6, 135-140.	0.8	52
5	Resistor-less current-mode four-phase quadrature oscillator using CCCDTAs and grounded capacitors. <i>AEU - International Journal of Electronics and Communications</i> , 2012, 66, 214-218.	2.9	47
6	Realizations of Grounded Negative Capacitance Using CFOAs. <i>Circuits, Systems, and Signal Processing</i> , 2011, 30, 143-155.	2.0	39
7	Voltage-mode quadrature sinusoidal oscillator with current tunable properties. <i>Analog Integrated Circuits and Signal Processing</i> , 2010, 65, 321-325.	1.4	37
8	Realisations of single-resistance-controlled quadrature oscillators using a generalised current follower transconductance amplifier and a unity-gain voltage-follower. <i>International Journal of Electronics</i> , 2010, 97, 897-906.	1.4	37
9	New voltage-mode quadrature oscillator employing single DBTA and only grounded passive elements. <i>IEICE Electronics Express</i> , 2009, 6, 1708-1714.	0.8	31
10	An electronically tunable current-mode quadrature oscillator using PCAs. <i>International Journal of Electronics</i> , 2012, 99, 609-621.	1.4	30
11	Current-mode variable frequency quadrature sinusoidal oscillators using two CCs and four passive components including grounded capacitors. <i>Analog Integrated Circuits and Signal Processing</i> , 2012, 71, 303-311.	1.4	18
12	First CFOA-based explicit-current-output quadrature sinusoidal oscillators using grounded capacitors. <i>International Journal of Electronics</i> , 2013, 100, 259-273.	1.4	17
13	Explicit-current-output second-order sinusoidal oscillators using two CFOAs and grounded capacitors. <i>AEU - International Journal of Electronics and Communications</i> , 2011, 65, 669-672.	2.9	14
14	NEW REALIZATIONS OF VOLTAGE-MODE QUADRATURE OSCILLATORS USING CURRENT DIFFERENCING BUFFERED AMPLIFIERS. <i>Journal of Circuits, Systems and Computers</i> , 2010, 19, 1069-1076.	1.5	12
15	Current-mode variable frequency quadrature sinusoidal oscillators using two CCs and four passive components including grounded capacitors: a supplement. <i>Analog Integrated Circuits and Signal Processing</i> , 2011, 68, 129-131.	1.4	11
16	New Canonic Active RC Sinusoidal Oscillator Circuits Using Second-Generation Current Conveyors with Application as a Wide-Frequency Digitally Controlled Sinusoid Generator. <i>Active and Passive Electronic Components</i> , 2011, 2011, 1-8.	0.3	10
17	Additional Realizations of Single-element-controlled Oscillators Using Single ICCII. <i>International Journal of Computer and Electrical Engineering</i> , 0, , 303-306.	0.2	9
18	A new compact CMOS realization of sinusoidal oscillator using a single modified CBTA. , 2011, , .		8

#	ARTICLE	IF	CITATIONS
19	Novel current-mode quadrature oscillators with explicit-current-outputs using CCCDTA. , 2009, , .		6
20	CMOS-based active RC sinusoidal oscillator with four-phase quadrature outputs and single-resistance-controlled (SRC) tuning laws. AEU - International Journal of Electronics and Communications, 2012, 66, 1032-1037.	2.9	5
21	FOUR QUADRANT ANALOG MULTIPLIER USING DUAL-CURRENT-CONTROLLED CURRENT DIFFERENCING BUFFERED AMPLIFIER. Journal of Circuits, Systems and Computers, 2011, 20, 223-231.	1.5	4
22	First-Order Transfer Sections with Reconnection- Less Electronically Reconfigurable High-Pass, All-Pass and Direct Transfer Character. Journal of Electrical Engineering, 2016, 67, 12-20.	0.7	3
23	Comment on "Voltage-Mode All-Pass Filters Including Minimum Component Count Circuits" Active and Passive Electronic Components, 2009, 2009, 1-4.	0.3	2
24	Conception of simulating grounded negative inductor and implementation using operational transconductance amplifiers. , 2013, , .		2
25	First-order multifunction filter design using current amplifiers. , 2016, , .		2
26	REALIZATION OF EXPLICIT-CURRENT-OUTPUT QUADRATURE OSCILLATOR USING A SINGLE ABB. , 2009, , .		0