

Muhammad Abuelma'atti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2620390/publications.pdf>

Version: 2024-02-01

56
papers

211
citations

1651377

6
h-index

1255698

13
g-index

56
all docs

56
docs citations

56
times ranked

87
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Mixed-Mode CCII-Based Filter. <i>Active and Passive Electronic Components</i> , 2004, 27, 197-205.	0.3	38
2	Current-Controlled Sawtooth Generator. <i>Active and Passive Electronic Components</i> , 2004, 27, 155-159.	0.3	5
3	A Current-mode Logarithmic Function Circuit. <i>Active and Passive Electronic Components</i> , 2004, 27, 183-187.	0.3	4
4	Synthesis of a Novel Low-Component Programmable Sinusoidal Oscillator. <i>Active and Passive Electronic Components</i> , 2003, 26, 31-36.	0.3	5
5	A Novel Mixed-Mode Current-Controlled Current-Conveyor-Based Filter. <i>Active and Passive Electronic Components</i> , 2003, 26, 185-191.	0.3	45
6	Nonlinear Distortion of the Fiber Optic Microphone. <i>Active and Passive Electronic Components</i> , 2000, 23, 1-11.	0.3	0
7	Multi-Function Active-Only High-Order Current-Driven Filter. <i>Active and Passive Electronic Components</i> , 2000, 23, 157-161.	0.3	0
8	New Quartz Crystal Oscillators Using the Current-Feedback Operational Amplifier. <i>Active and Passive Electronic Components</i> , 2000, 23, 131-136.	0.3	3
9	Trigonometric Approximations for Some Bessel Functions. <i>Active and Passive Electronic Components</i> , 1999, 22, 75-85.	0.3	8
10	Versatile Active Biquad Using FTFNs. <i>Active and Passive Electronic Components</i> , 1998, 20, 241-248.	0.3	2
11	Versatile Active Biquad Based on Dual-Output Second-Generation Current Conveyors. <i>Active and Passive Electronic Components</i> , 1998, 20, 151-155.	0.3	1
12	Harmonic and Intermodulation Performance of Nonlinear Electronic Circuits. <i>Active and Passive Electronic Components</i> , 1998, 21, 87-105.	0.3	1
13	A Programmable Phase Shifter for Sinusoidal Signals. <i>Active and Passive Electronic Components</i> , 1998, 21, 107-112.	0.3	4
14	Novel Current-Conveyor-Based Universal Current-Mode Biquad Filter with Three Inputs and One Output. <i>Active and Passive Electronic Components</i> , 1998, 20, 235-240.	0.3	1
15	Current-Mode Universal Filter Using FTFNs. <i>Active and Passive Electronic Components</i> , 1998, 21, 117-122.	0.3	1
16	New Grounded-Capacitor Sinusoidal Oscillators Using the Current-Feedback-Amplifier Pole. <i>Active and Passive Electronic Components</i> , 1998, 21, 23-32.	0.3	5
17	Harmonic and Intermodulation Performance of Envelope Detectors. <i>Active and Passive Electronic Components</i> , 1998, 21, 43-52.	0.3	0
18	Programmable Current-Mode Universal Active Filters Employing Current Conveyors. <i>Active and Passive Electronic Components</i> , 1998, 21, 221-230.	0.3	2

#	ARTICLE	IF	CITATIONS
19	A Programmable Reference-Voltage Source. Active and Passive Electronic Components, 1998, 21, 113-116.	0.3	0
20	New Electronically-Tunable Oscillator Circuit Using Only Two OTAs. Active and Passive Electronic Components, 1998, 20, 189-194.	0.3	6
21	Universal Current-Controlled Current-Mode Filter with Threeinputs and One-Output Using the Current Controlled Conveyor. Active and Passive Electronic Components, 1998, 21, 33-41.	0.3	11
22	Time Domain Response of Uniform RC Lines with RC Termination at Both Ends. Active and Passive Electronic Components, 1997, 19, 199-203.	0.3	0
23	New Single-Resistor Controlled Sinusoidal Oscillator Circuit Using Unity-Gain Current Followers. Active and Passive Electronic Components, 1997, 20, 105-109.	0.3	5
24	An Improved Analysis for the Harmonic Distortion of MOS Voltage-Controlled-Resistors. Active and Passive Electronic Components, 1997, 19, 253-260.	0.3	0
25	Harmonic Generation by Nondegenerate P-N Junction Varactor Diodes. Active and Passive Electronic Components, 1997, 19, 205-215.	0.3	0
26	New Universal Filter Using Two Current-Feedback Amplifiers. Active and Passive Electronic Components, 1997, 20, 111-117.	0.3	8
27	New CFOA-Based Grounded-Capacitor Single-Element-Controlled Sinusoidal Oscillator. Active and Passive Electronic Components, 1997, 20, 119-124.	0.3	5
28	A Minimum Component Grounded-Capacitor CFOA-Based RC Oscillator. Active and Passive Electronic Components, 1997, 19, 247-251.	0.3	5
29	Parametric Amplification/Mixing Using the Varactor Diode. Active and Passive Electronic Components, 1996, 19, 177-187.	0.3	0
30	New Current-Mode Notch and Allpass Filters with Single Current Difference Amplifier. Active and Passive Electronic Components, 1996, 19, 25-32.	0.3	1
31	New Temperature-Insensitive Electronically-Tunable Grounded Capacitor Simulator. Active and Passive Electronic Components, 1996, 19, 55-58.	0.3	0
32	Partially Active-R Grounded-Capacitor CFOA-Based Sinusoidal Oscillators. Active and Passive Electronic Components, 1996, 19, 105-109.	0.3	2
33	New Minimum-Component OTA-Based Sinusoidal Oscillators. Active and Passive Electronic Components, 1996, 19, 33-40.	0.3	8
34	Programmable Voltage-Mode Multifunction Filter Using Two Current Conveyors and One Operational Transconductance Amplifier. Active and Passive Electronic Components, 1996, 19, 133-138.	0.3	1
35	Programmable Current-Conveyor-Based Voltage-Mode Filter with Single Input and Five Outputs. Active and Passive Electronic Components, 1995, 18, 273-278.	0.3	2
36	On The Realization of Low/High Frequency CCII+ Based Oscillators Employing Grounded Resistors and Lossy Capacitors. Active and Passive Electronic Components, 1995, 17, 269-274.	0.3	5

#	ARTICLE	IF	CITATIONS
37	On the Stability of Resistively Variable Capacitors Using General Impedance Converters. Active and Passive Electronic Components, 1995, 18, 129-135.	0.3	2
38	Universal Current-Conveyor-Based Current-Mode Filter with Single Input and Five Outputs. Active and Passive Electronic Components, 1995, 18, 145-149.	0.3	1
39	New Current-Mode Oscillators Using Unity-Gain Current-Followers. Active and Passive Electronic Components, 1995, 18, 159-164.	0.3	5
40	Chaos in a Non-Autonomous Inductorless Active-RC Circuit. Active and Passive Electronic Components, 1995, 18, 165-169.	0.3	0
41	New Universal One-Input Five-Output Current-Mode Filter Using Current-Conveyors. Active and Passive Electronic Components, 1995, 18, 171-177.	0.3	1
42	Programmable Second-Generation Current-Conveyor With Variable Current Gain. Active and Passive Electronic Components, 1995, 17, 257-260.	0.3	0
43	Programmable CF-OTA-Based Lowpass and Bandpass Filters. Active and Passive Electronic Components, 1995, 18, 267-272.	0.3	0
44	Novel Current-Conveyor-Based Single-Element-Controlled Oscillator Employing Grounded Resistors and Capacitors. Active and Passive Electronic Components, 1995, 17, 203-206.	0.3	5
45	Programmable Current-Conveyor-Based Oscillator Employing Grounded Resistors and Capacitors. Active and Passive Electronic Components, 1995, 18, 259-265.	0.3	4
46	New Current-Mode Oscillators Using a Single Unity-Gain Current-Follower. Active and Passive Electronic Components, 1995, 18, 151-157.	0.3	4
47	Digitally Programmable Integrator and Differentiator. Active and Passive Electronic Components, 1995, 17, 261-268.	0.3	0
48	Modelling of Nonuniform RC Structures for Computer Aided Design. Active and Passive Electronic Components, 1994, 16, 89-95.	0.3	0
49	Novel CCI-OTA-Based Grounded Capacitor Current-Mode Biquadratic Bandpass and Lowpass Filters. Active and Passive Electronic Components, 1994, 16, 127-133.	0.3	0
50	On The Realization of Current-Mode Integrator Using Current Conveyors. Active and Passive Electronic Components, 1994, 17, 79-82.	0.3	3
51	Digitally Programmable Active-R Function Generator. Active and Passive Electronic Components, 1994, 17, 49-56.	0.3	1
52	An OTA-Based Digital-To-Analog Converter. Active and Passive Electronic Components, 1994, 16, 141-143.	0.3	0
53	Time Domain Response of Uniform RC Lines With Resistive Termination at Both Ends. Active and Passive Electronic Components, 1994, 16, 135-140.	0.3	0
54	Digitally Programmable Partially Active-R Sinusoidal Oscillators. Active and Passive Electronic Components, 1994, 17, 83-89.	0.3	1

#	ARTICLE	IF	CITATIONS
55	An Approximate Analysis and Its Application to The Non-Linear Performance of Three Mosfet Transconductance Amplifiers. Active and Passive Electronic Components, 1994, 17, 135-149.	0.3	0
56	Novel Current-Mode Quotient Circuit. Active and Passive Electronic Components, 1994, 17, 151-155.	0.3	0