

Rajeev Kumar Ranjan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Single CCTA based high frequency floating and grounded type of incremental/decremental memristor emulator and its application. <i>Microelectronics Journal</i> , 2017, 60, 119-128.	1.1	83
2	Single DVCCTA based high frequency incremental/decremental memristor emulator and its application. <i>AEU - International Journal of Electronics and Communications</i> , 2017, 82, 177-190.	1.7	70
3	Flux-Controlled Memristor Emulator and Its Experimental Results. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2020, 28, 1050-1061.	2.1	53
4	High-frequency floating memristor emulator and its experimental results. <i>IET Circuits, Devices and Systems</i> , 2019, 13, 292-302.	0.9	44
5	Charged Controlled Mem-Element Emulator and Its Application in a Chaotic System. <i>IEEE Access</i> , 2020, 8, 171397-171407.	2.6	41
6	Memristor Emulator Circuit Using Multiple-Output OTA and Its Experimental Results. <i>Journal of Circuits, Systems and Computers</i> , 2019, 28, 1950166.	1.0	33
7	A Simple Multi-band Metamaterial Absorber with Combined Polarization Sensitive and Polarization Insensitive Characteristics for Terahertz Applications. <i>Plasmonics</i> , 2019, 14, 737-742.	1.8	32
8	Resistorless Memristor Emulator Using CFTA and Its Experimental Verification. <i>IEEE Access</i> , 2021, 9, 64065-64075.	2.6	31
9	Mem-Elements Emulator Design With Experimental Validation and Its Application. <i>IEEE Access</i> , 2021, 9, 69860-69875.	2.6	24
10	MOS-Only Memristor Emulator. <i>Circuits, Systems, and Signal Processing</i> , 2020, 39, 5848-5861.	1.2	20
11	0.5 V Fully Differential Universal Filter Based on Multiple Input OTAs. <i>IEEE Access</i> , 2020, 8, 187832-187839.	2.6	18
12	Generation of square and triangular wave with independently controllable frequency and amplitude using OTAs only and its application in PWM. <i>Analog Integrated Circuits and Signal Processing</i> , 2017, 92, 15-27.	0.9	13
13	Self generating square/triangular wave and pulse width modulator using a single MO-CCCDTA. <i>Analog Integrated Circuits and Signal Processing</i> , 2018, 94, 177-193.	0.9	10
14	Active Comb Filter Using Operational Transconductance Amplifier. <i>Active and Passive Electronic Components</i> , 2014, 2014, 1-6.	0.3	9
15	Electronically Tunable Full Wave Precision Rectifier Using DVCCTAs. <i>Electronics (Switzerland)</i> , 2021, 10, 1262.	1.8	8
16	A series expansion method aided design of CCII controller for a TITO system. <i>Microsystem Technologies</i> , 2018, 24, 3843-3849.	1.2	5
17	Design of Active PWM Control Driver Circuit for Torquer System Using CCII. <i>IEEE Access</i> , 2021, 9, 75426-75434.	2.6	5
18	A series expansion method aided design of current mode second generation current conveyor based active control circuit. <i>Microsystem Technologies</i> , 2019, 25, 2323-2330.	1.2	4

#	ARTICLE	IF	CITATIONS
19	Chua's Oscillator With OTA Based Memcapacitor Emulator. IEEE Nanotechnology Magazine, 2022, 21, 213-218.	1.1	4
20	A new Grounded Memristor Emulator using DVCC and OTA. , 2022, , .		3
21	Grounded Memristor Emulator Using Single Active Block. , 2022, , .		3
22	A second generation current conveyor based PID controller optimized using a crossover improved genetic algorithm. Microsystem Technologies, 2020, 26, 1449-1454.	1.2	2
23	Performance Enhancement of Current Follower Transconductance Amplifier (CFTA) and its Application as Filter. Journal of Circuits, Systems and Computers, 2022, 31, .	1.0	2
24	A New Active Control Driver Circuit for Satellite's Torquer System Using Second Generation Current Conveyor. Electronics (Switzerland), 2021, 10, 911.	1.8	1
25	Programmable and electronically tunable voltage-mode universal biquadratic filter based on simple CMOS OTA. , 2016, , .		0
26	Electronic Tunable Bi-Quad Filter Using MO-CCCDTA. , 2021, , .		0