

# Bhartendu Chaturvedi

## List of Publications by Year in descending order

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53  
papers

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citations

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docs citations

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times ranked

141  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low Voltage Operated Current-Mode First-Order Universal Filter and Sinusoidal Oscillator Suitable for Signal Processing Applications. AEU - International Journal of Electronics and Communications, 2019, 99, 110-118.	2.9	36
2	Novel CMOS Dual-X Current Conveyor Transconductance Amplifier Realization with Current-Mode Multifunction Filter and Quadrature Oscillator. Circuits, Systems, and Signal Processing, 2018, 37, 2250-2277.	2.0	33
3	Electronically Tunable First-Order Filters and Dual-Mode Multiphase Oscillator. Circuits, Systems, and Signal Processing, 2019, 38, 2-25.	2.0	29
4	Current Mode Biquad Filter with Minimum Component Count. Active and Passive Electronic Components, 2011, 2011, 1-7.	0.3	28
5	Third-Order Quadrature Oscillator Circuit with Current and Voltage Outputs. ISRN Electronics, 2013, 2013, 1-8.	1.1	27
6	High output impedance CMQOs using DVCCs and grounded components. International Journal of Circuit Theory and Applications, 2011, 39, 427-435.	2.0	25
7	A fully electronically controllable Schmitt trigger and duty cycle-modulated waveform generator. International Journal of Circuit Theory and Applications, 2017, 45, 2157-2180.	2.0	23
8	Novel CMOS MO-CFDITA based fully electronically controlled square/triangular wave generator with adjustable duty cycle. IET Circuits, Devices and Systems, 2018, 12, 817-826.	1.4	22
9	Realization of ASK/BPSK Modulators and Precision Full-Wave Rectifier using DXCCII. AEU - International Journal of Electronics and Communications, 2019, 99, 146-152.	2.9	22
10	Current-Mode First-Order Universal Filter and its Voltage-Mode Transformation. Journal of Circuits, Systems and Computers, 2020, 29, 2050149.	1.5	22
11	Novel CMOS Current Inverting Differential Input Transconductance Amplifier and Its Application. Journal of Circuits, Systems and Computers, 2017, 26, 1750010.	1.5	19
12	A novel linear square/triangular wave generator with tunable duty cycle. AEU - International Journal of Electronics and Communications, 2018, 84, 206-209.	2.9	19
13	A New Versatile Universal Biquad Configuration for Emerging Signal Processing Applications. Journal of Circuits, Systems and Computers, 2018, 27, 1850196.	1.5	18
14	Single Active Element-Based Tunable Square/Triangular Wave Generator with Grounded Passive Components. Circuits, Systems, and Signal Processing, 2017, 36, 3875-3900.	2.0	17
15	Second Order Mixed Mode Quadrature Oscillator using DVCCs and Grounded Components. International Journal of Computer Applications, 2012, 58, 42-45.	0.2	17
16	Novel electronically controlled current-mode Schmitt trigger based on single active element. AEU - International Journal of Electronics and Communications, 2017, 82, 160-166.	2.9	16
17	Electronically tunable current-mode instrumentation amplifier with high CMRR and wide bandwidth. AEU - International Journal of Electronics and Communications, 2018, 92, 116-123.	2.9	16
18	Fully Electronically Tunable and Easily Cascadable Square/Triangular Wave Generator with Duty Cycle Adjustment. Journal of Circuits, Systems and Computers, 2019, 28, 1950105.	1.5	12

#	ARTICLE	IF	CITATIONS
19	Novel CMOS CFDITA and its application as electronically-tunable bistable multivibrator. , 2016, , .		11
20	Novel Current-Mode All-Pass Filter with Minimum Component Count. International Journal of Image Graphics and Signal Processing, 2013, 5, 32-37.	1.2	11
21	A Novel Realization of Current-Mode First Order Universal Filter. , 2019, , .		10
22	A novel electronically controlled Schmitt trigger with clockwise and anticlockwise hystereses. AEU - International Journal of Electronics and Communications, 2018, 89, 136-145.	2.9	9
23	All-Pass Frequency Selective Structures: Application for Analog Domain. Journal of Circuits, Systems and Computers, 2021, 30, 2150150.	1.5	9
24	Single Active Element Based Cascadable Band-Pass Filters for Low-Q Applications. Journal of Circuits, Systems and Computers, 2015, 24, 1550075.	1.5	8
25	DXCCTA: A new active element. , 2016, , .		7
26	Single active element based orthogonally controllable MOSFET-C quadrature oscillator. , 2017, , .		7
27	High CMRR Current-Mode Instrumentation Amplifier for Low Voltage and Low Power Applications. AEU - International Journal of Electronics and Communications, 2019, 104, 147-154.	2.9	7
28	CMOS Realizable and Highly Cascadable Structures of First-Order All-Pass Filters. Walailak Journal of Science and Technology, 2021, 18, .	0.5	7
29	Additional High Input Low Output Impedance Analog Networks. Active and Passive Electronic Components, 2013, 2013, 1-9.	0.3	6
30	Single Active Element Based Voltage-Mode Multifunction Filter. Advances in Electrical Engineering, 2014, 2014, 1-7.	1.1	6
31	New CMOS Realizable All-Pass Frequency Selective Structures. Journal of Circuits, Systems and Computers, 2021, 30, .	1.5	6
32	Dual-Mode Quadrature Oscillator Based on Single FDCCII with All Grounded Passive Components. Lecture Notes in Electrical Engineering, 2019, , 317-326.	0.4	5
33	A Novel Voltage-Mode Configuration for First Order All-Pass Filter with One Active Element and All Grounded Passive Components. , 2020, , .		5
34	Current-Mode MOS Only Precision Full-Wave Rectifier. IETE Journal of Research, 2023, 69, 472-481.	2.6	5
35	Cascadable first-order current-mode all-pass filter with electronic tuning. , 2016, , .		4
36	A Novel MO-DXCCII based CMQO Operated at Low Voltage. GRENZE International Journal of Engineering and Technology, 2016, 2, .	0.5	4

#	ARTICLE	IF	CITATIONS
37	Single Chip Realizable High Performance Full-Wave Rectifier. International Journal of Electronics, 2022, 109, 1661-1679.	1.4	4
38	CMOS Compatible First-Order Current Mode Universal Filter Structure and its Possible Tunable Variant. Journal of Circuits, Systems and Computers, 2022, 31, .	1.5	4
39	Experimental Realization of Square/Triangular Wave Generator using Commercially Available ICs. Journal of Circuits, Systems and Computers, 2020, 29, 2050224.	1.5	3
40	Load Insensitive, Low Voltage Quadrature Oscillator Using Single Active Element. Advances in Electrical and Electronic Engineering, 2017, 15, .	0.3	3
41	Simple voltage-mode quadrature oscillator using CMOS DDCC. , 2011, , .		2
42	CMOS CIDITA and its application. , 2016, , .		2
43	A general configuration for phase equalization. AIP Conference Proceedings, 2020, , .	0.4	2
44	Realization of Generalized Current-Mode Multifunction Filter. Journal of Circuits, Systems and Computers, 0, , 2150211.	1.5	2
45	A new CMOS compatible high performance first-order all-pass filter realisation. Australian Journal of Electrical and Electronics Engineering, 2022, 19, 349-362.	1.2	2
46	Versatile quadrature oscillator with grounded components. , 2009, , .		1
47	Grounded components based voltage-mode quadrature oscillators. , 2013, , .		1
48	SIMO Type Voltage-Mode Biquadratic Multifunction Filter. , 2019, , .		1
49	Possible Active Elements Transposition and Applications. , 2019, , .		1
50	Multiple-Output Multiple-Mode Biquad Filter with all Grounded Passive Components. , 2019, , .		1
51	Index Seek Versus Table Scan Performance and Implementation of RDBMS. Lecture Notes in Electrical Engineering, 2019, , 411-420.	0.4	0
52	Orthogonally Controllable VQO for Low-Voltage Applications. Energy Systems in Electrical Engineering, 2020, , 45-63.	0.7	0
53	A Categorical Review on First Order Universal Filters. Recent Advances in Electrical and Electronic Engineering, 2022, 15, .	0.3	0