

Ananda Mohan Pemmaraju

List of Publications by Year in descending order

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1058476

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198
citing authors

#	ARTICLE	IF	CITATIONS
1	Residue Number Systems. , 2016, , .		90
2	RNS-to-Binary Converters for Two Four-Moduli Sets $\langle 2^{n-1}, 2^n, 2^{n+1}, 2^{n+1}-1 \rangle$ and $\langle 2^{n-1}, 2^n, 2^{n+1}, 2^{n+1}+1 \rangle$. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2007, 54, 1245-1254.	0.1	80
3	Novel First-Order and Second-Order Current-Mode Filters Using Multiple-Output Operational Transconductance Amplifiers. Circuits, Systems, and Signal Processing, 2010, 29, 553-576.	2.0	39
4	Efficient Implementations for AES Encryption and Decryption. Circuits, Systems, and Signal Processing, 2012, 31, 1765-1785.	2.0	19
5	FLOATING CAPACITANCE SIMULATION USING CURRENT CONVEYORS. Journal of Circuits, Systems and Computers, 2005, 14, 123-128.	1.5	17
6	Novel First-order and Second-Order Current Mode filters using dual-output OTAs and Grounded capacitors. , 2008, , .		15
7	RNS to Binary Conversion Using Diagonal Function and Pirlo and Impedovo Monotonic Function. Circuits, Systems, and Signal Processing, 2016, 35, 1063-1076.	2.0	15
8	Implementation of AES S-Boxes using combinational logic. , 2008, , .		12
9	A review of some recent stream ciphers. , 2013, , .		11
10	Comments on "Avoiding the Gain-Bandwidth Trade Off in Feedback Amplifiers". IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 2114-2116.	5.4	9
11	Reverse Conversion Using Core Function, CRT and Mixed Radix Conversion. Circuits, Systems, and Signal Processing, 2017, 36, 2847-2874.	2.0	7
12	Reverse Converters for a New Moduli Set $\{2n-1, 2n, 2n+1\}$. Circuits, Systems, and Signal Processing, 2007, 26, 215-227.	2.0	6
13	New residue to binary converters for the moduli set $\langle 2^k, 2^k+1, 2^{k-1}, 2^{k-1}+1 \rangle$, , 2008, , .		5
14	RNS-to-Binary Converters for New Three-Moduli Sets $\{2k^3, 2k^2, 2k+1\}$ and $\{2k+1, 2k+2, 2k+3\}$. Journal of Circuits, Systems and Computers, 2018, 27, 1850224.	1.5	5
15	On Actively Compensated Amplifiers Using Negative Impedance Converters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 640-644.	3.0	3
16	Comments on A 4th-Order Active-RC Reconfigurable (UMTS/WLAN) Filter. IEEE Journal of Solid-State Circuits, 2007, 42, 457-458.	5.4	2
17	Residue-to-Binary converters for the seven moduli set $\{2n-5, 2n-3, 2n-2, 2n-1, 2n-1+1, 2n, 2n+1\}$ for n even. , 2019, , .		2
18	Analysis of negative \mathbb{R} assisted integrators and differentiators. Electronics Letters, 2020, 56, 123-125.	1.0	2

#	ARTICLE	IF	CITATIONS
19	A Framework for Teaching Analog Filter Design. IETE Technical Review (Institution of Electronics and) Tj ETQq1 1 0.784314 rgBT /Overlo	3.2	1
20	On the Key Schedule of Mini-AES and S-AES Algorithms. IETE Journal of Education Online, 2011, 52, 49-57.	0.6	1
21	Comments on "Noise Performance of a Regulated Cascode Transimpedance Amplifier for Radiation Detectors" IEEE Transactions on Circuits and Systems I: Regular Papers, 2013, 60, 2235-2236.	5.4	1
22	Bandwidth Enhancement of Finite Gain Amplifiers Using CFOA. IETE Journal of Education Online, 2014, 55, 54-63.	0.6	1
23	Reverse Converters for the Moduli Set $\{2^n, 2^{n-1}-1, 2^{n-1}, 2^{n+1}-1\}$ (n , Even). Circuits, Systems, and Signal Processing, 2018, 37, 3605-3634.	2.0	1
24	Novel RNS-to-binary converters for the three-moduli set $\{2^m-1, 2m, 2m+1\}$. Sadhana - Academy Proceedings in Engineering Sciences, 2019, 44, 1.	1.3	1
25	An improved RNS-to-binary converter for 7-modulus set $\{2n-5, 2n-3, 2n-2+1, 2n-1, 2n-1+1, 2n, 2n+1\}$ for n even. Sadhana - Academy Proceedings in Engineering Sciences, 2020, 45, 1.	1.3	1
26	Implementation of AES Key Schedule Using Look-Ahead Technique. Circuits, Systems, and Signal Processing, 2014, 33, 3663-3670.	2.0	0
27	From Editor-in-Chief's Desk. IETE Journal of Education Online, 2018, 59, 52-52.	0.6	0
28	From Editor-in-Chief's Desk. IETE Journal of Education Online, 2018, 59, 1-1.	0.6	0
29	From Editor-in-Chief's Desk. IETE Journal of Education Online, 2019, 60, 2-2.	0.6	0
30	From Editor-in-Chief's Desk. IETE Journal of Education Online, 2019, 60, 49-50.	0.6	0
31	From Editor-in-Chief's Desk. IETE Journal of Education Online, 2020, 61, 53-54.	0.6	0
32	From the Desk of the Editor-in-Chief. IETE Journal of Education Online, 2021, 62, 4-5.	0.6	0
33	From the Desk of the Editor-in-Chief. IETE Journal of Education Online, 2021, 62, 58-59.	0.6	0
34	On the Effect of Operational Amplifier Gain-bandwidth Product on the Performance of Basic Building Blocks. IETE Journal of Education Online, 0, , 1-12.	0.6	0
35	From the Desk of the Editor-in-Chief. IETE Journal of Education Online, 2022, 63, 3-4.	0.6	0