

Christopher M Twigg

List of Publications by Year in descending order

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papers

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1307594

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docs citations

22
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414
citing authors

#	ARTICLE	IF	CITATIONS
1	A Fully Reconfigurable Low-Noise Biopotential Sensing Amplifier With 1.96 Noise Efficiency Factor. IEEE Transactions on Biomedical Circuits and Systems, 2014, 8, 411-422.	4.0	135
2	A Floating-Gate-Based Field-Programmable Analog Array. IEEE Journal of Solid-State Circuits, 2010, 45, 1781-1794.	5.4	109
3	A Floating-Gate-Based Programmable CMOS Reference. IEEE Transactions on Circuits and Systems I: Regular Papers, 2008, 55, 3448-3456.	5.4	43
4	Programmable Floating Gate FPAA Switches Are Not Dead Weight. , 2007, , .		30
5	A Large-Scale Reconfigurable Analog Signal Processor (RASP) IC. , 2006, , .		29
6	RASP 2.8: A new generation of floating-gate based field programmable analog array. , 2008, , .		23
7	An MTL-Based Configurable Block for Current-Mode Nonlinear Analog Computation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2013, 60, 587-591.	3.0	19
8	Incorporating Large-Scale FPAA's Into Analog Design and Test Courses. IEEE Transactions on Education, 2008, 51, 319-324.	2.4	18
9	MTL-based implementation of current-mode CMOS RMS-to-DC converters. International Journal of Circuit Theory and Applications, 2015, 43, 793-805.	2.0	18
10	A large-scale Reconfigurable Smart Sensory Chip. , 2009, , .		15
11	An OTA-based Large-Scale Field Programmable Analog Array (FPAA) for faster On-Chip Communication and Computation. , 2007, , .		13
12	Developing large-scale field-programmable analog arrays for rapid prototyping. International Journal of Embedded Systems, 2005, 1, 179.	0.3	11
13	Rank determination algorithm by current comparing for rank modulation flash memories. , 2013, , .		9
14	A Compact Programmable CMOS Reference With $\pm 40\frac{1}{4}V$ Accuracy. , 2006, , .		6
15	Rank Determination by Winner-Take-All Circuit for Rank Modulation Memory. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 326-330.	3.0	6
16	Programmable Conductance Switches for FPAA's. , 2007, , .		5
17	A self-powered adaptive wireless sensor network for wastewater treatment plants. , 2011, , .		5
18	A Self-Contained Large-Scale FPAA Development Platform. , 2007, , .		2

#	ARTICLE	IF	CITATIONS
19	Large-Scale FPAA Devices for Signal Processing Applications. , 2007, , .		2
20	Incorporating Large-Scale FPAA in Analog Design Courses. , 2007, , .		2
21	Synthesis of a reconfigurable analog vector-sum circuit into the MTL-Based configurable blocks. Microelectronics Journal, 2018, 75, 97-104.	2.0	2
22	A Ramp Converter Approach to Rank Modulation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2015, 62, 866-870.	3.0	0