Scopus Search Sources Alerts Lists Help SciVal A Register Login

Author details

Sylvester Dennis M	AL 10		ena i vea e e e e	-4-1-	Follow this Author publishes new articles
Sylvester, Dennis M. University Michigan Ann Arbor, Department of Electrical Engineering and Computer Science, Ann Arbor, United States	About Scopus Aut		tifier View potential author m Other name formats: Sylvester, Sylvester, Sylvester, View More	D. M. Dennis D.	Get citation alerts Add to ORCID Request author detail corrections
Author ID: 7005550123					·
Documents: 471	Analyze	author ou	utput		Author History
Citations: total citations by 7283 documents h-index: 54	·				
Co-authors: 150 (maximum 150 co-authors can be displayed) Subject area: Engineering , Computer Science View More					Source history: IEEE Transactions on Circuits and Systems II: Express View doci
471 Documents Cited by 7283 documents 150	co-authors				Proceedings of the International Symposium on Physica Design View door
471 documents View all in search results format			Sort on: Date Cite	ed by	Proceedings of the IEEE International Conference on VI Design View door View More
Export all Add all to list Set document aler	Set document fee	d			Show Related Affiliations
Razor: Current-Based Error Detection and Correction Scheme for PVT Variation in 40-nm ARM Cortex-R4 Processor	Zhang, Y., Khayatzadeh, M., Yang, K., (), Blaauw, D., Sylvester, D.	2017	IEEE Journal of Solid- State Circuits Article in Press	0	
View at Publisher Find it 6 NTU					
A 1920 x 1080 30-frames/s 2.3 TOPS/W Stereo-Depth Processor for Energy-Efficient Autonomous Navigation of Micro Aerial Vehicles	Li, Z., Dong, Q., Saligane, M., (), Blaauw, D., Kim, H.	2017	IEEE Journal of Solid- State Circuits	0	
View at Publisher Find it 6 NTU			Article in Press		
Always-On 12-nW Acoustic Sensing and Object Recognition Microsystem for Unattended Ground Sensor Nodes	Jeong, S., Chen, Y., Jang, T., (), Kim, H., Sylvester, D.	2017	IEEE Journal of Solid- State Circuits	0	
View at Publisher Find it 6 NTU			Article in Press		
Exploiting the analog properties of digital circuits for malicious hardware	Yang, K., Hicks, M., Dong, Q., Austin, T., Sylvester, D.	2017	Communications of the ACM	0	
View at Publisher Find it 6 NTU	Cyrrodor, D.				
Circuit and System Designs of Ultra-Low Power Sensor Nodes With Illustration in a Miniaturized GNSS Logger for Position Tracking: Part II - Data Communication, Energy Harvesting, Power Management, and Digital Circuits	Jang, T., Kim, G., Kempke, B., (), Wentzloff, D.D., Blaauw, D.	2017	IEEE Transactions on Circuits and Systems I: Regular Papers	1	
View at Publisher Find it 6 NTU					
Circuit and System Designs of Ultra-Low Power Sensor Nodes With Illustration in a Miniaturized GNSS Logger for Position Tracking: Part I - Analog Circuit Techniques	Jang, T., Kim, G., Kempke, B., (), Wentzloff, D.D., Blaauw, D.	2017	IEEE Transactions on Circuits and Systems I: Regular Papers	1	
View at Publisher Find it 6 NTU					
A Fully Integrated Counter Flow Energy Reservoir for Peak Power Delivery in Small Form-Factor Sensor Systems	Wu, X., Choo, K., Shi, Y., (), Sylvester, D., Blaauw, D.	2017	IEEE Journal of Solid- State Circuits Article in Press	0	
View at Publisher Find it 6 NTU			7 11 10 10 11 1 1 10 3 3		
A wire-overhead-free reset propagation scheme for millimeter-scale sensor systems	Lee, I., Bang, S., Kim, Y., (), Blaauw, D., Lee, Y.	2017	Journal of Semiconductor Technology and Science	0	
View at Publisher Find it 6 NTU					
Analog in-memory subthreshold deep neural network accelerator	Fick, L., Blaauw, D., Sylvester, D., (), Parikh, M., Fick, D.	2017	Proceedings of the Custom Integrated Circuits Conference	0	
View at Publisher Find it 6 NTU					
A start-up boosting circuit with 133× speed gain for 2-transistor voltage reference	Kim, D., Jung, W., Oh, S., (), Sylvester, D., Blaauw, D.	2017	Proceedings of the Custom Integrated Circuits Conference	0	

View at Publisher	Find it 6 NTU				
A 23-mW Face Ro T Memory in 40-	ecognition Processor with Mostly-Read nm CMOS	Jeon, D., Dong, Q., Kim, Y., (), Blaauw, D., Sylvester, D.	2017	IEEE Journal of Solid- State Circuits	1
/iew at Publisher	Find it 6 NTU				
A subthreshold vo	oltage reference with scalable output wer IoT systems	Lee, I., Sylvester, D., Blaauw, D.	2017	IEEE Journal of Solid- State Circuits	1
View at Publisher	Find it 6 NTU				
Collapse-Based C	nparator: An Energy-Scalable Oscillator Comparator with Application in a 74.1 kS/s 15 b SAR ADC	Shim, M., Jeong, S., Myers, P.D., (), Blaauw, D., Jung, W.	2017	IEEE Journal of Solid- State Circuits	0
View at Publisher	Find it 6 NTU				
mpact of FinFET	on near-threshold voltage scalability	Pinckney, N., Jeloka, S., Dreslinski, R., (), Cline, B., Sinha, S.	2017	IEEE Design and Test	0
View at Publisher	Find it 6 NTU				
	nuous Switched-Capacitor Energy art Sensor Applications	Wu, X., Shi, Y., Jeloka, S., (), Sylvester, D., Blaauw, D.	2017	IEEE Journal of Solid- State Circuits	0
View at Publisher	Find it 6 NTU				
	tor amplifier-based Physically ion (PUF) with 1.67% native instability	Yang, K., Dong, Q., Blaauw, D., Sylvester, D.	2017	Digest of Technical Papers - IEEE International Solid-State Circuits Conference	1
View at Publisher	Find it 6 NTU				
	to-1.26Mlx self-referencing light-to- vith AlGaAs photodiode	Lim, W., Sylvester, D., Blaauw, D.	2017	Digest of Technical Papers - IEEE International Solid-State Circuits Conference	0
View at Publisher	Find it 6 NTU				
	GHz bang-bang phase- and frequency- l-digital PLL with noise self-adjustment	Jang, T., Jeong, S., Jeon, D., (), Sylvester, D., Blaauw, D.	2017	Digest of Technical Papers - IEEE International Solid-State Circuits Conference	0
View at Publisher	Find it 🥱 NTU				
	19°C inaccuracy temperature sensor subthreshold oscillation dependence	Yang, K., Dong, Q., Jung, W., (), Blaauw, D., Sylvester, D.	2017	Digest of Technical Papers - IEEE International Solid-State Circuits Conference	2
View at Publisher	Find it 6 NTU				
	n acoustic sensing and object	Jeong, S., Chen, Y., Jang, T., (), Kim,	2017	Digest of Technical Papers - IEEE	0
	system using frequency-domain feature M classification	HS., Sylvester, D.		International Solid-State Circuits Conference	
ecognition micros					

The data displayed above is compiled exclusively from articles published in the Scopus database. To request corrections to any inaccuracies or provide any further feedback, please contact us (registration required). The data displayed above is subject to the privacy conditions contained in the privacy policy.

ELSEVIER

Terms and conditions Privacy policy

Copyright © 2017 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

Cookies are set by this site. To decline them or learn more, visit our Cookies page.

RELX Grou