

## Julius Georgiou University of Cyprus

## Google Scholar

Citation indices	All	Since 2011
Citations	1130	885
h-index	16	14
i10-index	23	19

Title 1–20	Cited by	Year
Detection of epileptic electroencephalogram based on permutation entropy and support vector machines N Nicolaou, J Georgiou Expert Systems with Applications 39 (1), 202-209	117	2012
A 126-µW cochlear chip for a totally implantable system J Georgiou, C Toumazou IEEE Journal of Solid-State Circuits 40 (2), 430-443	112	2005
Towards fast solid state DNA sequencing S Purushothaman, C Toumazou, J Georgiou Circuits and Systems, 2002. ISCAS 2002. IEEE International Symposium on 4	87	2002
A novel wide-temperature-range, 3.9 ppm/C CMOS bandgap reference circuit CM Andreou, S Koudounas, J Georgiou IEEE Journal of Solid-state circuits 47 (2), 574-581	64	2012
A partial-current-steering biphasic stimulation driver for vestibular prostheses TG Constandinou, J Georgiou, C Toumazou IEEE transactions on biomedical circuits and systems 2 (2), 106-113	58	2008
Designing high efficiency segmented thermoelectric generators C Hadjistassou, E Kyriakides, J Georgiou Energy Conversion and Management 66, 165-172	41	2013
Design of a one million neuron single FPGA neuromorphic system for real-time multimodal scene analysis A Cassidy, AG Andreou, J Georgiou Information Sciences and Systems (CISS), 2011 45th Annual Conference on, 1-6	41	2011
The use of permutation entropy to characterize sleep electroencephalograms N Nicolaou, J Georgiou Clinical EEG and Neuroscience 42 (1), 24-28	40	2011
EEG-based automatic classification of 'awake'versus 'anesthetized'state in general anesthesia using Granger causality N Nicolaou, S Hourris, P Alexandrou, J Georgiou PLoS One 7 (3), e33869	38	2012
Design of silicon brains in the nano-CMOS era: Spiking neurons, learning synapses and neural architecture optimization AS Cassidy, J Georgiou, AG Andreou	34	2013

Title 1–20	Cited by	Year
Neural Networks 45, 4-26		
A resistorless low current reference circuit for implantable devices J Georgiou, C Toumazou Circuits and Systems, 2002. ISCAS 2002. IEEE International Symposium on 3	31	2002
Current-mode analogue circuit representation of Hodgkin and Huxley neuron equations C Toumazou, J Georgiou, EM Drakakis Electronics Letters 34 (14), 1376-1377	31	1998
A micropower front-end interface for differential-capacitive sensor systems TG Constandinou, J Georgiou, C Toumazou 2008 IEEE International Symposium on Circuits and Systems, 2474-2477	20	2008
An auto-input-offset removing floating gate pseudo-differential transconductor TG Constandinou, J Georgiou, C Toumazou Circuits and Systems, 2003. ISCAS'03. Proceedings of the 2003 International	19	2003
A neural implant ASIC for the restoration of balance in individuals with vestibular dysfunction TG Constandinou, J Georgiou, C Toumazou 2009 IEEE International Symposium on Circuits and Systems, 641-644	17	2009
An analogue micropower log-domain silicon circuit for the Hodgkin and Huxley nerve axon J Georgiou, EM Drakakis, C Toumazou, P Premanoj Circuits and Systems, 1999. ISCAS'99. Proceedings of the 1999 IEEE	17	1999
Human action categorization using ultrasound micro-Doppler signatures S Dura-Bernal, G Garreau, C Andreou, A Andreou, J Georgiou, International Workshop on Human Behavior Understanding, 18-28	16	2011
A novel CMOS bandgap reference circuit with improved high-order temperature compensation S Koudounas, CM Andreou, J Georgiou Proceedings of 2010 IEEE International Symposium on Circuits and Systems	16	2010
Fabrication of memristors with poly-crystalline silicon nanowires MHB Jamaa, S Carrara, J Georgiou, N Archontas, G De Micheli Nanotechnology, 2009. IEEE-NANO 2009. 9th IEEE Conference on, 152-154	16	2009
Micro-optoelectromechanical tilt sensor TG Constandinou, J Georgiou Journal of Sensors 2008	16	2008

Dates and citation counts are estimated and are determined automatically by a computer program.