

George Souliotis

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

245
citations

8
h-index

14
g-index

42
ext. papers

299
ext. citations

2
avg, IF

3.18
L-index

#	Paper	IF	Citations
39	Electronically controlled multiphase sinusoidal oscillators using current amplifiers. <i>International Journal of Circuit Theory and Applications</i> , 2009 , 37, 43-52	2	47
38	Current differential amplifiers: new circuits and applications. <i>International Journal of Circuit Theory and Applications</i> , 2001 , 29, 553-574	2	35
37	Harmonic oscillators realized using current amplifiers and grounded capacitors. <i>International Journal of Circuit Theory and Applications</i> , 2007 , 35, 165-173	2	22
36	Current-mode filters based on current mirror arrays. <i>International Journal of Circuit Theory and Applications</i> , 2008 , 36, 173-183	2	21
35	Current-mode differential wave active filters. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2005 , 52, 93-98		14
34	Low-voltage current controlled current conveyor. <i>Analog Integrated Circuits and Signal Processing</i> , 2010 , 63, 129-135	1.2	12
33	Current-Mode Linear Transformation Filters Using Current Mirrors. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2008 , 55, 541-545	3.5	10
32	A log-domain multiphase sinusoidal oscillator. <i>AEU - International Journal of Electronics and Communications</i> , 2008 , 62, 622-626	2.8	10
31	A 3GHz VCO suitable for MIPI M-PHY serial interface 2015 ,		8
30	A high accuracy voltage reference generator. <i>Microelectronics Journal</i> , 2018 , 75, 61-67	1.8	8
29	A 0.5 V tunable complex filter for Bluetooth and Zigbee using OTAs. <i>Analog Integrated Circuits and Signal Processing</i> , 2014 , 79, 73-81	1.2	8
28	Differential current-mode tunable wave active filters based on single-ended wave port terminators. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2006 , 53, 821-828		5
27	All digital phase interpolator 2015 ,		4
26	A 90 nm CMOS 15/60 GHz frequency quadrupler. <i>International Journal of Electronics</i> , 2013 , 100, 1529-1545		4
25	A 7684 GHz CMOS 4times Subharmonic Mixer With Internal Phase Correction. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 2083-2096	3.9	3
24	0.8V PLL-based automatic frequency tuning system for current-mode filters. <i>AEU - International Journal of Electronics and Communications</i> , 2013 , 67, 10-19	2.8	3
23	A current-mode automatic frequency tuning system for filters with current mirrors. <i>International Journal of Circuit Theory and Applications</i> , 2009 , 38, n/a-n/a	2	3

22	Analogue feedback inverter based duty-cycle correction. <i>Analog Integrated Circuits and Signal Processing</i> , 2017 , 90, 711-716	1.2	2
21	A 5-Gbps USB3.0 transmitter and receiver linear equalizer. <i>International Journal of Circuit Theory and Applications</i> , 2015 , 43, 900-916	2	2
20	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019 , 66, 94-104	3.9	2
19	Bulk-driven class AB fully-balanced differential difference amplifier. <i>Analog Integrated Circuits and Signal Processing</i> , 2017 , 93, 179-187	1.2	2
18	A 60-GHz quadrature PLL in 90nm CMOS 2011 ,		2
17	Field-programmable analogue array design based on the wave active filter design method. <i>AEU - International Journal of Electronics and Communications</i> , 2009 , 63, 889-895	2.8	2
16	OTA based frequency tuning system with reduced effect of DC offsets. <i>AEU - International Journal of Electronics and Communications</i> , 2010 , 64, 858-866	2.8	2
15	Current-mode wave field programmable analogue arrays. <i>International Journal of Circuit Theory and Applications</i> , 2008 , 38, n/a-n/a	2	2
14	OTA Based Frequency Tuning System 2007 ,		2
13	An Integratable Chaotic Oscillator with Current Amplifiers 2007 ,		2
12	Analog Circuit Synthesis Using Linear and Nonlinear Current Amplifiers. <i>Analog Integrated Circuits and Signal Processing</i> , 2006 , 46, 231-240	1.2	2
11	Multi-rate phase interpolator for high speed serial interfaces. <i>Microelectronics Journal</i> , 2016 , 54, 40-47	1.8	2
10	Phase Interpolator with Improved Linearity. <i>Circuits, Systems, and Signal Processing</i> , 2016 , 35, 367-383	2.2	1
9	Novel log-domain frequency-adaptive filter. <i>International Journal of Electronics</i> , 2012 , 99, 197-209	1.2	1
8	A LOG-DOMAIN WAVE POSITIVE IMPEDANCE INVERTER. <i>Journal of Circuits, Systems and Computers</i> , 2008 , 17, 561-567	0.9	1
7	A scalable voltage controlled oscillator for multi-rate high-speed interfaces. <i>Microelectronics Journal</i> , 2016 , 55, 134-142	1.8	1
6	A Low-Power Frequency Multiplier for Multi-GHz Applications. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2018 , 6, 200-206	4.1	0
5	Multi-Rate Programmable Equalizer for M-PHY Serial Interface. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2021 , 9, 379-389	4.1	0

- 4 Jitter tolerance calibration for high-speed serial interfaces. *The Integration VLSI Journal*, **2017**, 57, 101-107
- 3 A 0.5-V Bulk-Driven Active Voltage Attenuator. *Circuits, Systems, and Signal Processing*, **2019**, 38, 5883-5895
- 2 0.5 V bulk-driven ring amplifier based on master-slave technique. *Analog Integrated Circuits and Signal Processing*, **2017**, 90, 189-197 1.2
- 1 An Accurate Bandgap Voltage Reference Ready-Indicator. *Electronics (Switzerland)*, **2022**, 11, 723 2.6