

# George Souliotis

## List of Publications by Year in descending order

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42  
papers

344  
citations

933264

10  
h-index

887953

17  
g-index

42  
all docs

42  
docs citations

42  
times ranked

193  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronically controlled multiphase sinusoidal oscillators using current amplifiers. International Journal of Circuit Theory and Applications, 2009, 37, 43-52.	1.3	56
2	Current differential amplifiers: new circuits and applications. International Journal of Circuit Theory and Applications, 2001, 29, 553-574.	1.3	47
3	Harmonic oscillators realized using current amplifiers and grounded capacitors. International Journal of Circuit Theory and Applications, 2007, 35, 165-173.	1.3	30
4	Current-mode filters based on current mirror arrays. International Journal of Circuit Theory and Applications, 2008, 36, 173-183.	1.3	23
5	Low-voltage current controlled current conveyor. Analog Integrated Circuits and Signal Processing, 2010, 63, 129-135.	0.9	16
6	A 0.5ÅV tunable complex filter for Bluetooth and Zigbee using OTAs. Analog Integrated Circuits and Signal Processing, 2014, 79, 73-81.	0.9	16
7	Current-mode differential wave active filters. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2005, 52, 93-98.	0.1	15
8	Current-Mode Linear Transformation Filters Using Current Mirrors. IEEE Transactions on Circuits and Systems II: Express Briefs, 2008, 55, 541-545.	2.2	14
9	A high accuracy voltage reference generator. Microelectronics Journal, 2018, 75, 61-67.	1.1	13
10	A log-domain multiphase sinusoidal oscillator. AEU - International Journal of Electronics and Communications, 2008, 62, 622-626.	1.7	11
11	A 3GHz VCO suitable for MIPI M-PHY serial interface. , 2015, , .		11
12	All digital phase interpolator. , 2015, , .		8
13	Differential current-mode tunable wave active filters based on single-ended wave port terminators. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2006, 53, 821-828.	0.1	6
14	Current-mode wave field programmable analogue arrays. International Journal of Circuit Theory and Applications, 2010, 38, 331-341.	1.3	6
15	Phase Interpolator with Improved Linearity. Circuits, Systems, and Signal Processing, 2016, 35, 367-383.	1.2	6
16	A scalable voltage controlled oscillator for multi-rate high-speed interfaces. Microelectronics Journal, 2016, 55, 134-142.	1.1	5
17	A 76â€84 GHz CMOS &inline-formula&gt; &tex-math notation="LaTeX"&gt;\$4imes\$ &/tex-math&gt; &inline-formula&gt; Subharmonic Mixer With Internal Phase Correction. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 2083-2096.	3.5	5
18	An On-Chip Linear, Squaring, Cubic and Exponential Analog Function Generator. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 94-104.	3.5	5

#	ARTICLE	IF	CITATIONS
19	A current-mode automatic frequency tuning system for filters with current mirrors. International Journal of Circuit Theory and Applications, 2010, 38, 591-606.	1.3	4
20	A 90-nm CMOS 15/60-GHz frequency quadrupler. International Journal of Electronics, 2013, 100, 1529-1545.	0.9	4
21	A 5-Gbps USB3.0 transmitter and receiver linear equalizer. International Journal of Circuit Theory and Applications, 2015, 43, 900-916.	1.3	4
22	Analogue feedback inverter based duty-cycle correction. Analog Integrated Circuits and Signal Processing, 2017, 90, 711-716.	0.9	4
23	Bulk-driven class AB fully-balanced differential difference amplifier. Analog Integrated Circuits and Signal Processing, 2017, 93, 179-187.	0.9	4
24	Analog Circuit Synthesis Using Linear and Nonlinear Current Amplifiers. Analog Integrated Circuits and Signal Processing, 2006, 46, 231-240.	0.9	3
25	OTA Based Frequency Tuning System. , 2007, , .		3
26	An Integratable Chaotic Oscillator with Current Amplifiers. , 2007, , .		3
27	A 60-GHz quadrature PLL in 90nm CMOS. , 2011, , .		3
28	0.8V PLL-based automatic frequency tuning system for current-mode filters. AEU - International Journal of Electronics and Communications, 2013, 67, 10-19.	1.7	3
29	Multi-rate phase interpolator for high speed serial interfaces. Microelectronics Journal, 2016, 54, 40-47.	1.1	3
30	Field-programmable analogue array design based on the wave active filter design method. AEU - International Journal of Electronics and Communications, 2009, 63, 889-895.	1.7	2
31	OTA based frequency tuning system with reduced effect of DC offsets. AEU - International Journal of Electronics and Communications, 2010, 64, 858-866.	1.7	2
32	Multi-Rate Programmable Equalizer for M-PHY Serial Interface. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 379-389.	3.2	2
33	A Low-Power Frequency Multiplier for Multi-GHz Applications. IEEE Transactions on Emerging Topics in Computing, 2018, 6, 200-206.	3.2	2
34	A LOG-DOMAIN WAVE POSITIVE IMPEDANCE INVERTER. Journal of Circuits, Systems and Computers, 2008, 17, 561-567.	1.0	1
35	Novel log-domain frequency-adaptive filter. International Journal of Electronics, 2012, 99, 197-209.	0.9	1
36	Jitter tolerance calibration for high-speed serial interfaces. The Integration VLSI Journal, 2017, 57, 101-107.	1.3	1

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37	0.5V bulk-driven ring amplifier based on master-slave technique. Analog Integrated Circuits and Signal Processing, 2017, 90, 189-197.	0.9	1
38	A Bluetooth Low Energy DCO in 28nm FDSOI. , 2020, , .		1
39	Analog circuit synthesis using linear and nonlinear current amplifiers. , 0, , .		0
40	Power Detector Based On Voltage Squaring. , 2019, , .		0
41	A 0.5-V Bulk-Driven Active Voltage Attenuator. Circuits, Systems, and Signal Processing, 2019, 38, 5883-5895.	1.2	0
42	An Accurate Bandgap Voltage Reference Ready-Indicator. Electronics (Switzerland), 2022, 11, 723.	1.8	0