Daniel De Dorigo

List of Publications by Year
in descending order

13	192	1684188 5	2053705 5
papers	citations	h-index	g-index

13	13	13	268
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	28.7 A 0.00378mm² Scalable Neural Recording Front-End for Fully Immersible Neural Probes Based on a Two-Step Incremental Delta-Sigma Converter with Extended Counting and Hardware Reuse. , 2021, , .		13
2	An Automatic MEMS Gyroscope Mode Matching Circuit Based on Noise Observation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 743-747.	3.0	15
3	A Slim Needle Neural Probe with 160 Active Recording Sites and Selectable ADCs. , 2019, , .		2
4	A 141-<inline-formula> <tex-math notation="LaTeX">mu </tex-math> </inline-formula>W High-Voltage MEMS Gyroscope Drive Interface Circuit Based on Flying Capacitors. IEEE Journal of Solid-State Circuits, 2019, 54, 511-523.	5.4	22
5	A 27 $mu ext{W}$ 0.06 mm2 Background Resonance Frequency Tuning Circuit Based on Noise Observation for a 1.71 mW CT- $Delta Sigma $ MEMS Gyroscope Readout System With 0.9 Â°/h Bias Instability. IEEE Journal of Solid-State Circuits, 2018, 53, 174-186.	5.4	23
6	A fully immersible deep-brain neural probe with modular architecture and a delta-sigma ADC integrated under each electrode for parallel readout of 144 recording sites. , 2018, , .		6
7	Stable, Self-Biased and High-Gain Organic Amplifiers with Reduced Parameter Variation Effect. , 2018, , .		6
8	Fully Immersible Subcortical Neural Probes With Modular Architecture and a Delta-Sigma ADC Integrated Under Each Electrode for Parallel Readout of 144 Recording Sites. IEEE Journal of Solid-State Circuits, 2018, 53, 3111-3125.	5.4	62
9	9.4 A 27ÂµW 0.06mm² background resonance frequency tuning circuit based on noise observation for a 1.71mW CT-Î”Î£ MEMS gyroscope readout system with 0.9Â°/h bias instability. , 2017, , .		2
10	An OTA-C signal processing FPAA with 305 MHz GBW and integrated frequency-independent filter tuning. , 2016, , .		0
11	An Interface ASIC for MEMS Vibratory Gyroscopes With a Power of 1.6 mW, 92 dB DR and 0.007Â°/s/<inline-formula> <tex-math notation="LaTeX">$sqrt {m {Hz}} $ </tex-math> </inline-formula> Noise Floor Over a 40 Hz Band. IEEE Journal of Solid-State Circuits, 2016, 51, 1915-1927.	5.4	28
12	Q-enhancement of a low-power gm-C bandpass filter for closed-loop sensor readout applications. , 2015, , .		10
13	Instantiation of higher order filters on a continuous-time field-programmable analog array. , 2008, , .		3