

# Daniel De Dorigo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/442013/publications.pdf>

Version: 2024-02-01

13  
papers

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citations

1684188

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268  
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#	ARTICLE	IF	CITATIONS
1	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
2	An Interface ASIC for MEMS Vibratory Gyroscopes With a Power of 1.6 mW, 92 dB DR and $0.007 \sqrt{\text{mHz}}$ Noise Floor Over a 40 Hz Band. IEEE Journal of Solid-State Circuits, 2016, 51, 1915-1927.	5.4	28
3	A $27 \mu\text{W}$ $0.06 \text{mm}^2$ Background Resonance Frequency Tuning Circuit Based on Noise Observation for a 1.71 mW CT- $\Delta$ MEMS Gyroscope Readout System With $0.9 \text{Å/h}$ Bias Instability. IEEE Journal of Solid-State Circuits, 2018, 53, 174-186.	5.4	23
4	A $141 \mu\text{W}$ 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	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
6	$28.7 \text{ A}$ $0.00378 \text{mm}^2$ 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
7	Q-enhancement of a low-power gm-C bandpass filter for closed-loop sensor readout applications. , 2015, , .		10
8	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
9	Stable, Self-Biased and High-Gain Organic Amplifiers with Reduced Parameter Variation Effect. , 2018, , .		6
10	Instantiation of higher order filters on a continuous-time field-programmable analog array. , 2008, , .		3
11	$9.4 \text{ A}$ $27 \mu\text{W}$ $0.06 \text{mm}^2$ background resonance frequency tuning circuit based on noise observation for a $1.71 \text{mW}$ CT- $\Delta$ MEMS gyroscope readout system with $0.9 \text{Å/h}$ bias instability. , 2017, , .		2
12	A Slim Needle Neural Probe with 160 Active Recording Sites and Selectable ADCs. , 2019, , .		2
13	An OTA-C signal processing FPAA with 305 MHz GBW and integrated frequency-independent filter tuning. , 2016, , .		0