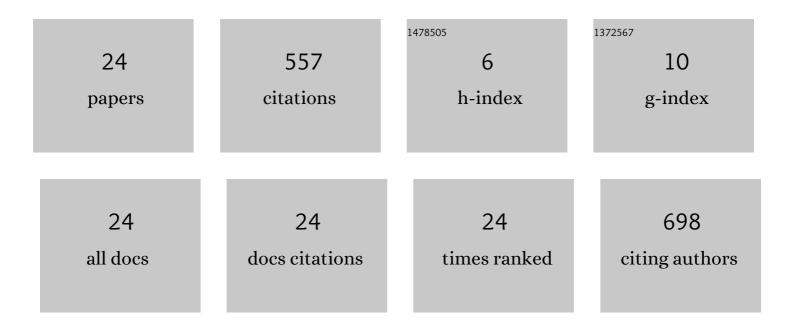
Jos Huisken

List of Publications by Year in descending order

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3

#	Article	IF	CITATIONS
1	A Configurable and Low-Power Mixed Signal SoC for Portable ECG Monitoring Applications. IEEE Transactions on Biomedical Circuits and Systems, 2014, 8, 257-267.	4.0	214
2	A 2.4 CHz ULP OOK Single-Chip Transceiver for Healthcare Applications. IEEE Transactions on Biomedical Circuits and Systems, 2011, 5, 523-534.	4.0	95
3	A Lightweight Security Scheme for Wireless Body Area Networks: Design, Energy Evaluation and Proposed Microprocessor Design. Journal of Medical Systems, 2011, 35, 1289-1298.	3.6	41
4	Evaluation of 90nm 6T-SRAM as Physical Unclonable Function for secure key generation in wireless sensor nodes. , 2011, , .		39
5	An Ultra Low Energy Biomedical Signal Processing System Operating at Near-Threshold. IEEE Transactions on Biomedical Circuits and Systems, 2011, 5, 546-554.	4.0	34
6	A 4.4 pJ/Access 80 MHz, 128 kbit Variability Resilient SRAM With Multi-Sized Sense Amplifier Redundancy. IEEE Journal of Solid-State Circuits, 2011, 46, 2416-2430.	5.4	26
7	Ultra Low-Energy SRAM Design for Smart Ubiquitous Sensors. IEEE Micro, 2012, 32, 10-24.	1.8	15
8	8T SRAM with Mimicked Negative Bit-lines and Charge Limited Sequential sense amplifier for wireless sensor nodes. , 2011, , .		11
9	Blocks: Redesigning Coarse Grained Reconfigurable Architectures for Energy Efficiency. , 2019, , .		10
10	Extending Synchronization from Super-Threshold to Sub-threshold Region. , 2010, , .		9
11	Designing Energy Efficient Approximate Multipliers for Neural Acceleration. , 2018, , .		8
12	An Automated Approximation Methodology for Arithmetic Circuits. , 2019, , .		8
13	Application of Cell-Aware Test on an Advanced 3nm CMOS Technology Library. , 2019, , .		8
14	Keyword Spotting using Time-Domain Features in a Temporal Convolutional Network. , 2019, , .		8
15	Low Complexity Multi-directional In-Air Ultrasonic Gesture Recognition Using a TCN. , 2020, , .		7
16	Sub-threshold synchronizer. Microelectronics Journal, 2011, 42, 840-850.	2.0	6
17	Ultra low power litho friendly local assist circuitry for variability resilient 8T SRAM. , 2012, , .		3

Voltage Stacked Design of a Microcontroller for Near/Sub-threshold Operation. , 2019, , .

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#	Article	IF	CITATIONS
19	Tightening the Mesh Size of the Cell-Aware ATPG Net for Catching All Detectable Weakest Faults. , 2020, , .		3
20	Converter-Free Power Delivery Using Voltage Stacking for Near/Subthreshold Operation. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2021, 29, 1039-1051.	3.1	3
21	Design of 100 μWÂWireless Sensor Nodes on Energy Scavengers for Biomedical Monitoring. Lecture Notes in Computer Science, 2007, , 385-395.	1.3	3
22	Multi-Level Optimization of an Ultra-Low Power BrainWave System for Non-Convulsive Seizure Detection. IEEE Transactions on Biomedical Circuits and Systems, 2021, 15, 1107-1121.	4.0	3
23	Reducing Library Characterization Time for Cell-aware Test while Maintaining Test Quality. Journal of Electronic Testing: Theory and Applications (JETTA), 2021, 37, 161-189.	1.2	0
24	Dilate-Invariant Temporal Convolutional Network for Real-Time Edge Applications. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 1210-1220.	5.4	0