

Patricio Bulic

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2651348/publications.pdf>

Version: 2024-02-01

18
papers

256
citations

1162367

8
h-index

1058022

14
g-index

19
all docs

19
docs citations

19
times ranked

260
citing authors

#	ARTICLE	IF	CITATIONS
1	Applicability of approximate multipliers in hardware neural networks. <i>Neurocomputing</i> , 2012, 96, 57-65.	3.5	50
2	Data Transmission Efficiency in Bluetooth Low Energy Versions. <i>Sensors</i> , 2019, 19, 3746.	2.1	37
3	On the Design of Logarithmic Multiplier Using Radix-4 Booth Encoding. <i>IEEE Access</i> , 2020, 8, 64578-64590.	2.6	30
4	A Two-Stage Operand Trimming Approximate Logarithmic Multiplier. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021, 68, 2535-2545.	3.5	24
5	Accurate Indoor Sound Level Measurement on a Low-Power and Low-Cost Wireless Sensor Node. <i>Sensors</i> , 2018, 18, 2351.	2.1	19
6	An FPGA-based integrated environment for computer architecture. <i>Computer Applications in Engineering Education</i> , 2013, 21, 26-35.	2.2	18
7	An Extended ANSI C for Processors with a Multimedia Extension. <i>International Journal of Parallel Programming</i> , 2003, 31, 107-136.	1.1	13
8	A Hybrid Radix-4 and Approximate Logarithmic Multiplier for Energy Efficient Image Processing. <i>Electronics (Switzerland)</i> , 2021, 10, 1175.	1.8	11
9	A simple pipelined logarithmic multiplier. , 2010, , .		9
10	Learning computer architecture concepts with the FPGA-based "Move" microprocessor. <i>Computer Applications in Engineering Education</i> , 2006, 14, 135-141.	2.2	7
11	A simple pipelined squaring circuit for DSP. , 2011, , .		7
12	A GPU implementation of a structural-similarity-based aerial-image classification. <i>Journal of Supercomputing</i> , 2013, 65, 978-996.	2.4	7
13	Compression of convolutional neural networks: A short survey. , 2018, , .		7
14	On the Design of an Energy Efficient Digital IIR A-Weighting Filter Using Approximate Multiplication. <i>Sensors</i> , 2021, 21, 732.	2.1	5
15	An Approximate GEMM Unit for Energy-Efficient Object Detection. <i>Sensors</i> , 2021, 21, 4195.	2.1	5
16	An Iterative Mitchell's Algorithm Based Multiplier. , 2008, , .		4
17	An approximate method for filtering out data dependencies with a sufficiently large distance between memory references. <i>Journal of Supercomputing</i> , 2011, 56, 226-244.	2.4	1
18	Logarithmic Arithmetic for Low-Power Adaptive Control Systems. <i>Circuits, Systems, and Signal Processing</i> , 2017, 36, 3564-3584.	1.2	1