

# Jayawan H B Wijekoon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2830390/publications.pdf>

Version: 2024-02-01

19  
papers

1,445  
citations

1478505

6  
h-index

1872680

6  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1760  
citing authors

#	ARTICLE	IF	CITATIONS
1	A systematic scoping review to identify the design and assess the performance of devices for antenatal continuous fetal monitoring. PLoS ONE, 2020, 15, e0242983.	2.5	9
2	Title is missing!. , 2020, 15, e0242983.		0
3	Title is missing!. , 2020, 15, e0242983.		0
4	Title is missing!. , 2020, 15, e0242983.		0
5	Title is missing!. , 2020, 15, e0242983.		0
6	Title is missing!. , 2020, 15, e0242983.		0
7	Title is missing!. , 2020, 15, e0242983.		0
8	Neuromorphic Architecture for Small-Scale Neocortical Network Emulation. , 2019, , .		3
9	A wearable piezo-resistive sensor for capturing cardiorespiratory signals. Sensors and Actuators A: Physical, 2018, 282, 215-229.	4.1	15
10	Continuous objective recording of fetal heart rate and fetal movements could reliably identify fetal compromise, which could reduce stillbirth rates by facilitating timely management. Medical Hypotheses, 2014, 83, 410-417.	1.5	30
11	Heterogeneous neurons and plastic synapses in a reconfigurable cortical neural network IC. , 2012, , .		1
12	VLSI circuits implementing computational models of neocortical circuits. Journal of Neuroscience Methods, 2012, 210, 93-109.	2.5	29
13	Neuromorphic Silicon Neuron Circuits. Frontiers in Neuroscience, 2011, 5, 73.	2.8	1,004
14	Analogue CMOS circuit implementation of a dopamine modulated synapse. , 2011, , .		2
15	A CMOS circuit implementation of a spiking neuron with bursting and adaptation on a biological timescale. , 2009, , .		18
16	Compact silicon neuron circuit with spiking and bursting behaviour. Neural Networks, 2008, 21, 524-534.	5.9	272
17	Integrated circuit implementation of a cortical neuron. , 2008, , .		24
18	Spiking and Bursting Firing Patterns of a Compact VLSI Cortical Neuron Circuit. , 2007, , .		22

#	ARTICLE	IF	CITATIONS
19	Simple Analogue VLSI Circuit of a Cortical Neuron. , 2006, , .		16