

# Dovydas Joksas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8975343/publications.pdf>

Version: 2024-02-01

7  
papers

153  
citations

1684188

5  
h-index

1872680

6  
g-index

7  
all docs

7  
docs citations

7  
times ranked

199  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of Inference Accuracy Using Realistic RRAM Devices. <i>Frontiers in Neuroscience</i> , 2019, 13, 593.	2.8	52
2	Committee machines—a universal method to deal with non-idealities in memristor-based neural networks. <i>Nature Communications</i> , 2020, 11, 4273.	12.8	51
3	Nonideality-aware Training for Accurate and Robust Low-Power Memristive Neural Networks. <i>Advanced Science</i> , 2022, 9, e2105784.	11.2	17
4	The interplay between structure and function in redox-based resistance switching. <i>Faraday Discussions</i> , 2019, 213, 151-163.	3.2	16
5	Memristive, Spintronic, and 2D-Materials-Based Devices to Improve and Complement Computing Hardware. <i>Advanced Intelligent Systems</i> , 2022, 4, .	6.1	13
6	badcrossbar: A Python tool for computing and plotting currents and voltages in passive crossbar arrays. <i>SoftwareX</i> , 2020, 12, 100617.	2.6	2
7	Mitigating Non-idealities of Memristive-based Artificial Neural Networks - an Algorithmic Approach. , 2022, , .		2