

# Wenzhe Guo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8335044/publications.pdf>

Version: 2024-02-01

11  
papers

363  
citations

1163117

8  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

414  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward the Optimal Design and FPGA Implementation of Spiking Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3988-4002.	11.3	18
2	BAlN for III-nitride UV light-emitting diodes: undoped electron blocking layer. Journal Physics D: Applied Physics, 2021, 54, 175104.	2.8	9
3	Neural Coding in Spiking Neural Networks: A Comparative Study for Robust Neuromorphic Systems. Frontiers in Neuroscience, 2021, 15, 638474.	2.8	89
4	Unsupervised Adaptive Weight Pruning for Energy-Efficient Neuromorphic Systems. Frontiers in Neuroscience, 2020, 14, 598876.	2.8	12
5	Towards Efficient Neuromorphic Hardware: Unsupervised Adaptive Neuron Pruning. Electronics (Switzerland), 2020, 9, 1059.	3.1	11
6	Selective Toluene Detection with Mo <sub>2</sub> CT <sub>x</sub> MXene at Room Temperature. ACS Applied Materials & Interfaces, 2020, 12, 57218-57227.	8.0	83
7	An Ultra-Area-Efficient 1024-Point In-Memory FFT Processor. Micromachines, 2019, 10, 509.	2.9	14
8	Revealing microstructure and dislocation behavior in BAlN/AlGaN heterostructures. Applied Physics Express, 2018, 11, 011001.	2.4	8
9	Induction-heating MOCVD reactor with significantly improved heating efficiency and reduced harmful magnetic coupling. Journal of Crystal Growth, 2018, 488, 16-22.	1.5	7
10	Valence and conduction band offsets of $\text{In}^{2+}$ -Ga <sub>2</sub> O <sub>3</sub> /AlN heterojunction. Applied Physics Letters, 2017, 111, .	3.3	75
11	Wurtzite BAlN and B GaN alloys for heterointerface polarization engineering. Applied Physics Letters, 2017, 111, .	3.3	37