

Wenzhe Guo

List of Publications by Year in descending order

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