

Liang Zhao

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Phase-Transition-Induced VO ₂ Thin Film IR Photodetector and Threshold Switching Selector for Optical Neural Network Applications. Advanced Electronic Materials, 2021, 7, 2001254.	5.1	27
2	Improvement of Ferroelectricity and Reliability in Hf _{0.5} Zr _{0.5} O ₂ Thin Films With Two-Step Oxygen Vacancy Engineering. IEEE Electron Device Letters, 2022, 43, 1057-1060.	3.9	8
3	Universal Hot Carrier Degradation Model under DC and AC Stresses. , 2022, , .		6
4	Neural Network Acceleration and Voice Recognition with a Flash-based In-Memory Computing SoC. , 2021, , .		5
5	A Compute-in-Memory Architecture Compatible with 3D NAND Flash that Parallely Activates Multi-Layers. , 2021, , .		4
6	Current Research Status and Future Prospect of the In-Memory Computing. , 2021, , .		3
7	Non-Volatile Flash Memory on Ge With an Oxidation-Induced Self-Assembled Charge Trapping Layer. IEEE Electron Device Letters, 2022, 43, 842-845.	3.9	3
8	A Highly Compact Nonvolatile Ternary Content Addressable Memory (TCAM) With Ultralow Power and 200-ps Search Operation. IEEE Transactions on Electron Devices, 2022, 69, 4259-4264.	3.0	3
9	CuAg/Al ₂ O ₃ /CuAg Threshold Switching Selector for RRAM Applications. , 2021, , .		2
10	Degradation Behaviors of 22 nm FDSOI CMOS Inverter Under Gigahertz AC Stress. , 2022, , .		0