

# Liang Zhao

## List of Publications by Year in descending order

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10  
papers

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2258059

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times ranked

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#	ARTICLE	IF	CITATIONS
1	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
2	Universal Hot Carrier Degradation Model under DC and AC Stresses. , 2022, , .		6
3	Degradation Behaviors of 22 nm FDSOI CMOS Inverter Under Gigahertz AC Stress. , 2022, , .		0
4	Improvement of Ferroelectricity and Reliability in Hf <sub>0.5</sub> Zr <sub>0.5</sub> O <sub>2</sub> Thin Films With Two-Step Oxygen Vacancy Engineering. IEEE Electron Device Letters, 2022, 43, 1057-1060.	3.9	8
5	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
6	Phase-Transition-Induced VO <sub>2</sub> Thin Film IR Photodetector and Threshold Switching Selector for Optical Neural Network Applications. Advanced Electronic Materials, 2021, 7, 2001254.	5.1	27
7	CuAg/Al <sub>2</sub> O <sub>3</sub> /CuAg Threshold Switching Selector for RRAM Applications. , 2021, , .		2
8	Neural Network Acceleration and Voice Recognition with a Flash-based In-Memory Computing SoC. , 2021, , .		5
9	A Compute-in-Memory Architecture Compatible with 3D NAND Flash that Parallely Activates Multi-Layers. , 2021, , .		4
10	Current Research Status and Future Prospect of the In-Memory Computing. , 2021, , .		3