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Optoelectronic Ferroelectric Domain-Wall Memories Made from a Single Van Der Waals Ferroelectric

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#	Paper	IF	Citations
44	Intercorrelated ferroelectrics in 2D van der Waals materials. <i>Materials Horizons</i> , 2021 , 8, 1683-1689	14.4	11
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42	Recent Progress in Optical Control of Ferroelectric Polarization. <i>Advanced Optical Materials</i> , 2002146	8.1	17
41	Optically Controlled Ferroelectric Nanodomains for Logic-in-Memory Photonic Devices With Simplified Structures. <i>IEEE Transactions on Electron Devices</i> , 2021 , 68, 1992-1995	2.9	4
40	Emerging 2D Memory Devices for In-Memory Computing. <i>Advanced Materials</i> , 2021 , 33, e2007081	24	30
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37	Stacked Two-Dimensional MXene Composites for an Energy-Efficient Memory and Digital Comparator. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 39595-39605	9.5	7
36	Nondestructive Picosecond Ultrasonic Probing of Intralayer and van der Waals Interlayer Bonding in $\text{Hf} \text{ and } \text{In}_2\text{Se}_3$. <i>Advanced Functional Materials</i> , 2106206	15.6	0
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28	Roadmap for Ferroelectric Domain Wall Nanoelectronics. <i>Advanced Functional Materials</i> , 2110263	15.6	9

27	Control of photocurrent and multi-state memory by polar order engineering in 2H-stacked In_2Se_3 ferroelectric. <i>Science China Materials</i> , 1	7.1	1
26	Memristive Devices Based on Two-Dimensional Transition Metal Chalcogenides for Neuromorphic Computing.. <i>Nano-Micro Letters</i> , 2022 , 14, 58	19.5	8
25	Nanostructured Materials and Architectures for Advanced Optoelectronic Synaptic Devices. <i>Advanced Functional Materials</i> , 2110976	15.6	13
24	Integrated memory devices based on two-dimensional materials.. <i>Advanced Materials</i> , 2022 , e2201880	24	2
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