

Electronic/Optoelectronic Memory Device Enabled by T Heterostructure for inâ€Sensor Reservoir Computing a

Advanced Materials

35,

DOI: [10.1002/adma.202211598](https://doi.org/10.1002/adma.202211598)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Layered Two-Dimensional Ferroelectrics from Material to Device. <i>Advanced Functional Materials</i> , 2023, 33, .	14.9	1
2	Out-of-plane photoconductive and bulk photovoltaic effects in two-dimensional $\text{In}_2\text{Se}_3/\text{Ta}_2\text{Ni}_5$ ferroelectric heterojunctions. <i>Journal of Advanced Dielectrics</i> , 2023, 13, .	2.4	0
3	Iontronic and electrochemical investigations of 2D tellurene in aqueous electrolytes. <i>SmartMat</i> , 0, , .	10.7	1
4	Uncovering the Role of Crystal Phase in Determining Nonvolatile Flash Memory Device Performance Fabricated from MoTe_2 -Based 2D van der Waals Heterostructures. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 35196-35205.	8.0	0
5	Photoconductivity, pyroconductivity, and pyroelectricity effects in photodetection of layer-structured $\text{CuInP}_2\text{S}_6/\text{MoS}_2$ heterojunction. <i>Applied Physics Letters</i> , 2023, 123, .	3.3	1
6	Anti-Ambipolar Heterojunctions: Materials, Devices, and Circuits. <i>Advanced Materials</i> , 0, , .	21.0	3
7	Microfluidic-Assembled Covalent Organic Frameworks@ $\text{Ti}_3\text{C}_2\text{T}_x$ MXene Vertical Fibers for High-Performance Electrochemical Supercapacitors. <i>Advanced Materials</i> , 2023, 35, .	21.0	12
8	Physical Reservoir Computing Based on Nanoscale Materials and Devices. <i>Advanced Functional Materials</i> , 2023, 33, .	14.9	4
9	Low-dimensional van der Waals materials for linear-polarization-sensitive photodetection: materials, polarizing strategies and applications. <i>Materials Futures</i> , 2024, 3, 012301.	8.4	5
10	Realizing avalanche criticality in neuromorphic networks on a 2D hBN platform. <i>Materials Horizons</i> , 0, , .	12.2	0
11	Bulk photovoltaic and photoconductivity effects in two-dimensional ferroelectric CuInP_2S_6 based heterojunctions. <i>Applied Physics Letters</i> , 2023, 123, .	3.3	1
12	CuInP_2S_6 -Based Electronic/Optoelectronic Synapse for Artificial Visual System Application. <i>Advanced Functional Materials</i> , 2024, 34, .	14.9	3
13	Technology and Integration Roadmap for Optoelectronic Memristor. <i>Advanced Materials</i> , 2024, 36, .	21.0	2
14	A 2d Heterostructure-Based Multifunctional Floating Gate Memory Device for Multimodal Reservoir Computing. <i>Advanced Materials</i> , 0, , .	21.0	0
15	Asymmetrically Contacted Tellurium Short-Wave Infrared Photodetector with Low Dark Current and High Sensitivity at Room Temperature. <i>Advanced Optical Materials</i> , 2023, 11, .	7.3	3
16	Editorial: Cutting-edge systems and materials for brain-inspired computing, adaptive bio-interfacing and smart sensing: implications for neuromorphic computing and biointegrated frameworks. <i>Frontiers in Neuroscience</i> , 0, 17, .	2.8	0
17	Two-dimensional van der Waals ferroelectric field-effect transistors toward nonvolatile memory and neuromorphic computing. <i>Applied Physics Letters</i> , 2023, 123, .	3.3	1
18	Vitality of Intralayer Vibration in hBN for Effective Long-Range Interlayer Hole Transfer across High Barriers in $\text{MoSe}_2/\text{hBN}/\text{WSe}_2$ Heterostructures. <i>Journal of Physical Chemistry Letters</i> , 0, , 11190-11199.	4.6	0

