

Ce Bian

List of Publications by Year in descending order

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papers

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1040056

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672
citing authors

#	ARTICLE	IF	CITATIONS
1	One-dimensional weak antilocalization effect in 1Tâ€²-MoTe ₂ nanowires grown by chemical vapor deposition. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 185701.	1.8	0
2	Atomically sharp interface enabled ultrahigh-speed non-volatile memory devices. <i>Nature Nanotechnology</i> , 2021, 16, 882-887.	31.5	105
3	Ultrathin FeTe nanosheets with tetragonal and hexagonal phases synthesized by chemical vapor deposition. <i>Materials Today</i> , 2021, 45, 35-43.	14.2	29
4	Epitaxial growth of metal-semiconductor van der Waals heterostructures NbS ₂ /MoS ₂ with enhanced performance of transistors and photodetectors. <i>Science China Materials</i> , 2020, 63, 1548-1559.	6.3	40
5	Transition-Metal Substitution-Induced Lattice Strain and Electrical Polarity Reversal in Monolayer WS ₂ . <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 18650-18659.	8.0	20
6	InSe/hBN/graphite heterostructure for high-performance 2D electronics and flexible electronics. <i>Nano Research</i> , 2020, 13, 1127-1132.	10.4	48
7	Substrate, a choice of engineering the pseudospin in graphene. <i>2D Materials</i> , 2019, 6, 045050.	4.4	4
8	Observation of the Kondo Effect in Multilayer Single-Crystalline VTe ₂ Nanoplates. <i>Nano Letters</i> , 2019, 19, 8572-8580.	9.1	52
9	Reversible Modification of Nitrogen-Doped Graphene Based on Seâ€“N Dynamic Covalent Bonds for Field-Effect Transistors. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 24360-24366.	8.0	13
10	Quasi-2D Transport and Weak Antilocalization Effect in Few-layered VSe ₂ . <i>Nano Letters</i> , 2019, 19, 4551-4559.	9.1	60
11	Assembly of hard spheres in a cylinder: a computational and experimental study. <i>Soft Matter</i> , 2017, 13, 3296-3306.	2.7	29